ACADEMIC COUNCIL MEETING MINUTES

12th Academic Council Meeting

To

25th Academic Council Meeting

Meeting Details

Academic council meeting number	Date of meeting
12	25.07.2015
13	06.08.2016
14	15.07.2017
15	23.02.2018
16	11.04.2018
17	15.04.2019
18	11.01.2021
19	08.05.2021
20	04.08.2021
21	08.09.2021
22	28.01.2022
23	30.07.2022
24	28.02.2023
25	08.05.2023



Office of the Coordinator Autonomous

July 25, 2015

Minutes of the 12th Meeting of Academic Council of the Autonomous Body

The 12th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 25.07.2015 from 10 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

1.	Dr.R.S.Kumar
	Distributed

2. Dr.S.Elangovan

3. Prof.C.Vasantharaj

4. Dr. N. Sarasvathy

5. Dr.J.Premalatha

6. Dr.P.Devaki

7. Dr.Rani Thottungal

8. Dr.Rajeswari Mariappan

9. Dr.M.Ezhilarasi

10. Dr.J.Srinivasan

11. Dr.Ramalatha Marimuthu

12. Dr.P.K.Giridharan

13. Dr. S.A.Pasupathy

14. Dr. Vijila Kennedy

15. Dr.V. Geetha

16. Dr.Bhaarathi Durai

17. Dr.A.Vasuki

18. Dr. S. Gopal

19. Dr.S.Thangasamy

20. Dr.V.Muthukumaran

21. Prof.T.R.Sukumar

22. Dr.J.Vijay Prakash

23. Prof S. Bhaskar

Members nominated by KCT:

24. Mr.Niranjan.P

25. Mr.R.Ramesh

Chairman-Academic Council / Principal

Prof. & HOD / AE

Prof & HOD / AUT

HOD i/c/BT

Prof. & HOD / Civil

HOD i/c / CSE

Prof. & HOD / EEE

Prof. & HOD / ECE

Prof. & HOD / EIE

Prof. & HOD / FT

Prof. & HOD / IT

Prof. & HOD / Mechanical

Prof. & HOD i/c / MCE

Director / MBA

Prof.&HOD i/c / MCA

Prof. & HOD / TXT

Head i/c of PG / ECE

Prof. & HOD/ S&H

Prof. & Dean (R& D)

Head i/c of PG / Mechanical Engineering

Deputy Controller of Examinations

Deputy Controller of Examinations

Center for Academic Excellence (Member Secretary)

Executive Director, Cameron Manufacturing India Pvt Ltd, 3rd Floor, TIDEL Park, Coimbatore.

Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

CSTENASUMO CSTENASUMO CAE INT 1

26. Ms. Sudha Rengarajan

Enterprise Architect, Intel Technology India Pvt Ltd, Devarabeesanahalli, Hobli, Bangalore.

Members Nominated by Anna University:

27. Dr.V. Selladurai

Principal, Coimbatore Institute of Technology,

Aerodrome Post, Coimbatore.

28. Dr.M.Kannan

Associate Professor / Head i/c, Department of Electronics Engineering, Anna University, Chennai.

29. Dr.N.Devarajan

Professor, Department of Electrical Engineering, Government College of Technology, Coimbatore.

Student representatives (UG/PG):

30. Mr. C.Sivakumar-Roll No-14MIE021 31. Ms. S.Suwathikaa - Roll No-12BBT053

32. Ms. S.Dharani- Roll No-12BCE010

33. Ms. R.Dhasharathi-Roll No-14MCO008

34. Ms. M.Rahul-Roll No-12BCS086

35. Mr. R.Aravindh Krishna-Roll No-12BME015

PG Student Representative-IInd year IE

UG Student Representative-IVth year BT

UG Student Representative-IVth year IE

PG Student Representative-IInd year COS

UG Student Representative-IVth year CSE

UG Student Representative-IVth year ME

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman - Academic council welcomed the members to the 12th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

- a. Minutes of the 11th Academic Council meeting held on 25.07.2014.
- b. Minutes of the Standing Committee meeting held on 07.07.2015.
- c. Newly inducted members to the academic council
- d. Amendments in regulation 2013 and regulation 2014

UG Regulation 2013 amendments:

Change of course code:

- CSE /IT U13 MAT402 Signal and systems instead of U13 MAT401 Signal and systems
- EIE/CSE/IT MCE U13ECT511 Digital signal processing in 5th semester as a common ii. course instead of U13ECT512

5.00

UG Regulation 2014 amendments:

- i. Project phase I (Max. 2 credits)
- ii. Assessment of Human Excellence courses.

UG/PG Regulation 2014 amendments:

- i. Separate Grade sheet for supplementary exams
- ii. 2 presentation assignment pattern
- iii. Internal test question paper pattern-4

MCA Regulation 2014 amendments:

i. Three internal tests instead of two internal tests

03. Approval of CBCS Regulation 2015 (UG-BE/BTech and PG-ME/M.Tech)

The CBCS regulations mentioned below were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

Sl.No.	Regulation	Approval
1.	CBCS Regulation 2015 (UG-BE/B.Tech) (norms & rules)	The academic council granted approval for the CBCS Regulation 2015 (UG-BE/BTech and PG-
2.	CBCS Regulation 2015 (PG-ME/M.Tech) (norms & rules)	ME/M.Tech)

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2014 and April/May-2015 and the same was approved by the academic council.

05. Approval of Curriculum & Syllabus for Regulation 2013 UG (BE/BTech) for semesters 5 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 5 to semester 8) Regulation-2013 (R13) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Aeronautical Engineering		
2.	Automobile Engineering		
3.	Biotechnology		
4.	Civil Engineering		The academic council
5.	Computer Science & Engineering	Semester 5 to semester 8	granted approval for the curriculum and syllabus (Semester 5 to 8) for the 13 UG programmes
6.	Electrical & Electronics Engineering		
7.	Electronics & Communication Engineering		
8.	Electronics & Instrumentation Engineering		
9.	Fashion Technology		
10.	Information Technology		
11.	Mechanical Engineering		
12.	Mechatronics Engineering		
13.	Textile Technology		

5.00

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06. Approval of Curriculum & Syllabus for Regulation 2014 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2014 (R14) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		The academic council
5	Computer Science & Engineering	Semester 3 to Curriculum (Semester 3	granted approval for the curriculum and syllabus (Semester 3 to 8) for the 13 UG programmes
6	Electrical & Electronics Engineering		
7	Electronics & Communication Engineering		
8	Electronics & Instrumentation Engineering		
9	Fashion Technology		
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

07. Approval of revised Curriculum & Syllabus for Regulation 2014 PG (ME/M.Tech) for

semesters 3 & 4

The Hods presented the revised curriculum and syllabus for PG (ME / M.Tech)-(semester 3 and semester 4) Regulation-2014 (R14) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Biotechnology		
2.	Structural Engineering		
3.	Computer Science & Engineering		
4.	Power Electronics & Drives		The academic council
5.	Applied Electronics		granted approval for the
6.	Communication Systems	Semester 3 and semester 4	revised curriculum and syllabus (Semester 3 & 4)
7.	Embedded System Technologies		
8.	Industrial Engineering		for the 12 PG programmes
9.	Energy Engineering		
10.	CAD/CAM		
11.	Textile Technology		
12.	Apparel Technology		

08. Ratification of MCA Regulation 2014 (R14), MCA R14 Curriculum & Syllabus for

semesters 1 to 6

The HoD of MCA presented the MCA regulation 2014 curriculum and syllabus for semester 1 to semester 6

Sl.No. Programme		Approval	
1.	MCA	The academic council ratified:	

5.00

1

 MCA – Regulation 2014 (R14)
 MCA R14 curriculum and syllabus for semester
1 to semester 6.

09. Ratification of MBA Regulation 2014 (R14)

The Director of MBA presented the:

1. MBA Regulation 2014

Sl.No.	Programme	Approval
1.	MBA	The academic council ratified: • MBA – Regulation 2014 (R14)

10. Approval of Curriculum & Syllabus for CBCS Regulation 2015 UG(BE/BTech) for

semesters 1 and 2

The HoD of Science and Humanities presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) CBCS Regulation-2015 (R15) with minor modification only in curriculum (not syllabus) of Regulation-2014 of 13 UG programmes:

Sl.No.	Programme	Semesters	Approval	
1.	Aeronautical Engineering			
2.	Automobile Engineering		The academic council granted approval for the curriculum and syllabus under CBCS Regulation 2015 (R15) (Semester 1 and 2) for the 13 UG programmes	
3.	Biotechnology			
4.	Civil Engineering			
5.	Computer Science & Engineering	Semester 1 and semester 2		
6.	Electrical & Electronics Engineering			
7.	Electronics & Communication Engineering			
8.	Electronics & Instrumentation Engineering			
9.	Fashion Technology			
10.	Information Technology			
11.	Mechanical Engineering			
12.	Mechatronics Engineering			
13.	Textile Technology			

11. Approval of Curriculum & Syllabus for CBCS Regulation 2015 PG(ME/M.Tech) for

semesters 1 to 4

The Hods presented the curriculum and syllabus for PG (ME / M.Tech)-(semester 1 to semester 4) CBCS Regulation-2015 (R15) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Biotechnology		
2	Structural Engineering	Semester 1	The academic council





3	Computer Science & Engineering	to	granted approval for the
4	Power Electronics & Drives	semester 4	curriculum and syllabus
5	Applied Electronics		(Semester 1 to 4) for the 12
6	Communication Systems		PG programmes
7	Embedded System Technologies	United the selection	
8	Industrial Engineering	mär – man man	
9	Energy Engineering		
10	CAD/CAM		
11	Textile Technology		
12	Apparel Technology		

12. Approval of MCA - CBCS Regulation 2015, Curriculum & Syllabus for MCA- CBCS R15 for semesters 1 to 6

The HoD of MCA presented the MCA-CBCS regulation 2015, curriculum and syllabus for MCA –R15 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council approved: • MCA – CBCS Regulation 2015 (R15) • MCA R15 curriculum and syllabus for semester 1 to semester 6.

13. Approval of MBA - CBCS Regulation 2015

The Director of MBA presented the MBA-CBCS regulation 2015:

Sl.No.	Programme	Approval
1.	MBA-CBCS regulation 2015	The academic council granted approval for the MBA – CBCS Regulation 2015

Suggestion by the external members of the Academic Council:

- The members suggested to consider offering self study courses to UG programmes. It was informed
 that self study courses were offered to PG programmes as an experiment and based on the outcome,
 the pattern may be extended to the UG programmes.
- 2. The members suggested to have the percentage of "Professional Core courses" in the curriculum closer to the maximum percentage suggested by AICTE.

Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

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Dr.R.S.Kumar	Chairman-Academic Council Principal	
Nominee of Anna Universi		- / V V
Dr.V. Selladurai	Principal, Coimbatore Institute of Technology, Coimbatore	0
Dr.M.Kannan	Associate Professor / Head i/c Department of Electronics Engineering Anna University, Chennai	& Sh Jen 25/7/1
Dr.N.Devarajan Professor, Department of Electrical & Electrical Engineering, Government Colleg of Technology, Coimbatore.		lder
Expert Nominated by Govern	ning Body	
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore	Polinias
Mr.R.Ramesh Executive Director, Janatics India Pvt Limited, Coimbatore		(h)
Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, Coimbatore	Do.

The meeting came to an end at 4.00 PM.

S BHASUAN)

Chairman, Academic Council /Principal

To: All the members

Copy to: Co-Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information





Office of the Coordinator Autonomous

August 06, 2016

Minutes of the 13th Meeting of Academic Council of the Autonomous Body

The 13th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 06.08.2016 from 10.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

1. Dint.O. Kumai	1.	Dr.R.S.Kumar
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2. Mr.M.Senthilkumar

3. Prof.C.Vasantharai

4. Dr. N. Saraswathy

5. Dr.J.Premalatha

6. Dr.P.Devaki

7. Dr.Rani Thottungal

8. Dr.K.Malarvizhi

9. Dr.M.Ezhilarasi

10. Dr.J.Srinivasan

11. Dr.J.Senthil

12. Dr.V.Muthukumaran

13. Dr. R. Venkatesan

14. Dr. Vijila Kennedy

15. Dr.V. Geetha

16. Dr.Bhaarathi Durai

17. Prof.K.Ramprakash

18. Dr. T.Arunachalam

19. Dr.R.Manivel

20. Dr.P.K.Giridharan

21. Prof.P.Thirumoorthi

22. Prof.T.R.Sukumar

23. Dr.J.Vijay Prakash

23. Dr.s. vijay Hakas

24. Prof S. Bhaskar

Members Nominated by Anna University:

25. Dr.M.Meenakshi

Chairman-Academic Council / Principal

HOD i/c / AE

Prof & HOD / AUT

HOD i/c/BT

Prof. & HOD / Civil

HOD / CSE

Prof. & HOD / EEE

Prof. & HOD i/c / ECE

Prof. & HOD / EIE

Prof. & HOD / FT

Prof. & HOD / IT

Prof. & HOD / MEI

Prof. & HOD / MCE

Director / MBA

Prof.&HOD / MCA

Prof. & HOD / TXT

Prof. i/c of PG / ECE

Prof. & HOD/ S&H

Prof. Mech. (Prof..i/c. R&D)

Prof. i/c of PG / Mechanical Engineering

Assoc.Prof / EEE Department

Deputy Controller of Examinations

Deputy Controller of Examinations

Center for Academic Excellence (Member Secretary)

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.



26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Student representatives (UG/PG):

27. Ms.Tanmay Mukherjee – Roll No-14BME156	UG Student Representative-III year ME
28. Mr.Vineeth Kumar D - Roll No-13BEC170	UG Student Representative-IV year ECE
29. Mr. U.Gowthama Prabu - Roll No-14BBT021	UG Student Representative-III year BT
30. Mr. N.Pradeep Kumar - Roll No-15MIE06	PG Student Representative-II year IE
31. Ms. V.Nandhini - Roll No-15MCO07	PG Student Representative-II year CS
32. Ms. R.R.Mirra - Roll No-15MBT04	PG Student Representative-II year BT

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 13th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council:

- a. Minutes of the 12th Academic Council meeting held on 25.07.2015.
- b. Minutes of the Standing Committee meeting held on 26.07.2016.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.
- e. Amendments made in Regulation 2015 UG -sem 1 and sem 2(batch 2015 & 2016).

a) UG Regulation 2013 amendments

Change of course code

ME - U13MCP604 - Mechatronics Laboratory instead of U13MCP601-Mechatronics Laboratory

b) UG Regulation 2014 amendments UG (BE/B.Tech) and PG (MCA):

The academic council granted approval for the amendments made in Regulation-2014 – **refer Annexure-1.**

c) Regulation 2015 amendments: UG (BE/B.Tech)

The academic council granted approval for the amendments made in Regulation-2015 as follows:-

- UG curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2015) refer annexure-II
- 2. UG curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2016) refer annexure-III
- 3. Amendments made in Regulation-2015 refer annexure IV

d) Regulation 2015 amendments: PG (ME/M.Tech/MCA/MBA)

The academic council granted approval for the amendments made in Regulation-2015- refer Annexure-V.

03. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2015 and April/May-2016 and the same was approved by the academic council.

04. Approval of Curriculum & Syllabus for Regulation 2015 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2015 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		
2	Automobile Engineering		
3	Biotechnology		1979 S 1987 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4	Civil Engineering		The academic council granted approval for the
5	Computer Science & Engineering		
6	Electrical & Electronics Engineering semester 3		curriculum and syllabus
7	Electronics & Communication Engineering	to	(Semester 3 to 8) for 13
8	Electronics & Instrumentation Engineering	semester 8	UG-programmes-refer
9	Fashion Technology		Annexure-VI
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for MBA-Regulation-2015 for semesters 1 to 4

The HoD of MBA presented the curriculum and syllabus for MBA -Regulation-2015 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the curriculum and syllabus (Semester 1 to 4) for MBA programme –Regulation-2015-refer
		Annexure-VII

06. Any other matter with the permission of the Chair:-

The Academic Council granted approval for retaining used answer booklets for 2 years from the period of completion of the semester examinations.



07.Suggestion by the external members of the Academic Council:-

List attached

08.Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

Approved by

Dr.R.S.Kumar	Chairman-Academic Council / Principal	
Nominee of Anna Universi	ty	
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	Thura L 6/8/16.
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	N. Kat Gimus ?

The meeting came to an end at 4.00 PM.

Chairman, Academic Council /Principal

Signature

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information



07. Suggestions by Anna University nominees of the KCT Academic Council:-

- 01. The courses can be combined without diluting course content in ECE department curriculum and syllabus.
- 02. Mark for Paper publication in UG project may have a rethink for all UG phase -II projects.
- 03. Object Oriented programming and C++ course should have practical content for FT department.
- 04. The total credit for all UG programmes should be in the range of 180 to 182.
- 05. Some of the laboratory courses may have 2 credits also.
- 06. The members suggested to have less theory courses in 3rd year and final year curriculum to meet the requirement of placement training and internship.
- 07. The members suggested to have 60 to 65% of theory courses and 40 to 45% of the practical courses in curriculum and syllabus.
- 08. The members also suggested to collect feedback from students about curriculum and syllabus during 4th semester and end of 7th semester to know whether it met the requirements.
- 09. Break system for students with arrears greater than 6 credits in 1st semester can be thought of to be implemented from 6th semester onwards and thereafter.

10. To start with comprehensive exam can be offered in 7th semester for 3 credits. In future it can be made compulsory.

Coordinator Autonomous

Principal / Chairman Academic Council



Office of the Coordinator Autonomous

Academic Council

13th Meeting held on 06.08.2016 at 10 a.m. at Kumaraguru College of Technology campus

Date:06.08.2016

Special Invitee

Shri	Shankar Vanavarayar	Joint Correspondent	Signature
Me	mbers		
01	Dr.R.S.Kumar Chairman, Academic Council & Principal		
02	Mr.M.Senthilkumar	Prof & HOD i/c / Aeronautical Engineering	enn
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	e s
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	N. Myd Bisen
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	1.4
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	h
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	Laare 6/8/10H
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering	un in 6/8/16
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	" oflyhild.
10	Dr.Vijila E Kennedy	Director / MBA	(God)
11	Dr.V. Geetha	Prof & HOD / MCA	Cfrund
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	v-rester-v
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	P. Veller
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	Than
15	Dr.J.Senthil	Prof & HOD / Information Technology	
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	Ayechels
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	Ren
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	M

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and	
Communication Engineering			
20	20 Dr.J.Vijay Prakash Deputy Controller of Examinations		52/
Te	achers of the college represe	enting different categories of teaching	0 1
sta	ff by rotation on the basis of	f seniority of service in the College	
21	Dr.R.Manivel	Drof Mock (Drof 1/2 D 0 D)	
Mats	Society of the control of the contro	Prof. Mech. (Profi/c. R&D)	Maure
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	Absort
		Associate Professor/Mechanical Engineering	- /
23	Prof. T. R. Sukumar	Department/Deputy Controller of	10/0/
1005		Examinations	(12/2)
Exp	perts nominated by the Gov	erning Body from outside the college represen	nting such areas as Industr
Cor	nmerce, Law, Education, M	edicine, Engineering, etc.,	
		In:	•
		Director, Faculty of Engineering and Technology,	
24	Prof.C.Muthamizhchelvan	SRM University,	1
		SRM Nagar,	Absont
		Kattankulathur – 603 203	
		Tamilnadu, India	
		Executive Director,	
		Cameron Manufacturing India Pvt Ltd,	
25	Mr.Niranjan.P	Third Floor, TIDEL Park, Vilankurichi Road,	Absont
		Civil Aerodrome Post,	APROUL
		Coimbatore 641 014	
i		India	
	Mr.R.Ramesh	Executive Director,	
26		Janatics India Pvt Limited,	
20	(KCT Alumni – 84-88	E-25, SIDCO Industrial Estate,	Absont
	batch Mech.)	Kurichi, Coimbatore- 641 021	8 9
	Ma Cudha Danaaai	Enterprise Architect,	
	Ms.Sudha Rengarajan	Intel Technology India Pvt Ltd.	
27	(KCT Alumni – 85-89	#23-56P, Outer Ring Road,	Absont
	batch)	Devarabeesanahalli, Varthur Hobli, Bellandur	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Post, Bangalore – 560 103	
	Mr.Hariharan Ganesan	Sector Head – Energy,	1
8	(Hari)	EnSci A WEIR Group Enterprise,	
.6	***	10 th floor, Brigade Rubix,	Ahsont
- 1	KCT Alumni	#20, HMT Road, Yeshwantpur,	•
		Bangalore – 560 022.	
om	inee of the University		
		Professor	
		Department of Electronics and	
0 1	D 1/1/	Communication ***	N C
)	Dr.M.Meenakshi		
)	Dr.M.Meenakshi	Engineering, CEG Campus	Thura L.
)	Dr.M.Meenakshi	Engineering, CEG Campus Anna University, Chennai- 600 025	I hura L

30	Dr.T.Senthilkumar	Dean Department of Autor Engineering Bharathidasan Institu Campus),Anna Univ Tiruchirappalli – 620	Absont	
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		N. Natoimus
Fac	ulty member nominated	by the Principal (Membe	r Secretary)	
32	Prof.S.Bhaskar	Center for Academic Excellence		Sillograle.
Stu	dents Representative			
33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	44.
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	Dut
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	a year
36	15MIE06	Pradeep kumar.N	ME-Industrial Engineering	Mary from
37	15MCO007	Nandhini. V	ME-Communication Engineering	Wad leve.
38	15MBT004	Mirra R R	M.Tech. Biotechnology	Histo



Office of the Coordinator Autonomous

Amendments

in

UG (BE/B.Tech) Regulation-2014

Annexure – I

Office of the Coordinator Autonomous

KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE

ACADEMIC UG-REGULATION 2014 (UG-R14) Amendments

Requirements for completion of a semester

R14		
Existing	Amended	
80% overall attendance	Eligibility to write ESM exam of a course ≥ 75%	

Lack of Attendance

In ≤ 3 courses of a semester	R14	 Has to attend summer term enabling course to earn attendance and CAM Withdrawal from summer term enabling course and exam not permitted.
In ≥ 4 courses of a semester	R14	 Cannot write end semester exams of all courses (theory + practical) of that semester Has to get readmitted in the subsequent year

CAM (R14/R15)

		Existing		Ame	ended
CAM	Internal test	3	40 marks	2	30 marks
compositions	Assignments		10 marks		10 marks
	Group presentation			1	10 marks
	e	Total	50 marks	Total	50 marks

Project

Phase	Assessment	Details	Existing	Amended	Total marks
Phase I	Internal assessment	No. of Reviews: 02 min	100 marks		100 marks
	External assessment	NIL		-	
Phase II	Internal assessment	No. of reviews: 03	50 marks		100 marks
	External assessment	Project report	10		
	(50 marks)	Presentation	20	10	
	78.	Response to queries	20		
		Publication quality		10	

Question Paper Related (R14)

Question paper related	Number of Choices in question paper	One choice increased in internal tests and end semester question paper
------------------------	-------------------------------------	--

Thank You



Office of the Coordinator Autonomous

Amendments

in

MCA- Regulation-2014 & 2015

Annexure – I

Office of the Coordinator Autonomous

AMENDMENTS MADE IN MCA R14 & R15

MCA R14 – REVISED 2016

S.NO	CLAUSE NO.	EXISTING	REVISED (10.06.2016)
1	9. Requirements for Completion of a Semester	• Minimum of 80 % overall attendance	• Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D

MCA R15 – AMENDMENTS

S.NO	CLAUSE NO.	EXISTING	AMENDMENTS
1	9. Requirements for Completion of a Semester	 Minimum of 80 % overall attendance On Duty: 20 % of attendance + 5% relaxation can be provided on recommendation. 	• Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D



Office of the Coordinator Autonomous

Amendments

in

UG- Regulation-2015 (batch-2015 & batch-2016)

Annexure – II & III

Office of the Coordinator Autonomous

Regulation-2015 Academic year 2015-16 Changes in Curriculum and Syllabi

SLNO	Existing	Revised
1	U15GHP201 in II semester	U15SIP201 introduced in II semester with 2 credits

Regulation-2015 Academic year 2016-17 Changes in Curriculum and Syllabi

SL NO	Existing	Revised
1	U15SIP201 for all branches in second semester	U15SIP101 for EEE/EIE/ECE/CSE/FT branches in first semester and U15SIP201 for CE/AE/AUE/ME/MCE/IT/TXT/BT branches in second semester
2	U15GHP101 for all branches in first semester only	Reintroducing Human Excellence subjects: U15GHP101 in first semester and U15GHP201 in second semester for all branches
3.	U15AET201- Elements of Aeronautics in Second Semester	U15EET211 -Basic Electrical and Electronics Engineering in Second Semester

Credits and Periods for the new courses

SLNO	COURSE CODE	COURSE NAME	CREDITS	PERIODS
1	U15SIP101	Social Immersion Project (EEE/EIE/ECE/CSE/FT)	2	3
2	U15SIP201	Social Immersion Project (CE/AE/AUE/ME/MCE/ IT / TXT/BT)	2	3
3	U15GHP101	Personal Values I	1	1
4	U15GHP201	Personal Values II	1	1
5	U15EE7211	Basic Electrical and Electronics Engineering	3	4

Changes in Credits and Contact Periods in the following courses:

SI No.	COURSE	NAME OF THE COURSE	EX	ISTING	PROPOSED	
OBRES NO. ILL.	CODE		C	P	C	P
1	U15MET101	Engineering Graphics	4	6	3	5
2	U15MET201	Engineering Graphics	4	6	3	5
3	U15CSP101	Structured Programming Laboratory Using "C"	2	4	1	3
4	U15CSP102	Computer Hardware Lab	2	4	1	3
5	U15MEP101	Engineering Practices Laboratory	2	4	1	3
6	U15EEP101	Basics of Electric Circuits Lab	2	4	1	3
7	U15FTP101	Textile Production and Process Lab	2	4	1	3
8	U15ITP101	Computer Hardware and Peripherals Laboratory	2	4	1	3
9	U15AEP201	CAD Laboratory	2	4	1	3
10	U15AUP201	CAD Laboratory	2	4	1	3
11	U15BTP201	Biomolecules and Genetics Laboratory	2	4	1	3
12	U15CSP201	Structured Programming Laboratory Using "C"	2	4	1	3

Contd..

Changes in Credits and Contact Periods in the following courses:

SI No.	COURSE			STING	PRO	POSED
	CODE		C	P	C	P
13	U15CSP202	Digital systems and Design Laboratory	2	4	i	3
14	U15CSP211	Computing Laboratory	2	4	1	3
15	U15CEP201	Construction materials Laboratory	2	4	1	3
16	U15EEP212	Electrical and Electronic Circuits Laboratory	2	4	1	3
17	U15ECP201	Electric Circuits and Simulation Laboratory	2	4	1	3
18	U15ECP202	Electronic Devices Laboratory	2	4	1	3
19	U15MEP201	Engineering Practices Laboratory	2	4	1	3.
20	U15MEP202	Thermal Engineering and Fluid Mechanics Lab	2	4	1	3
21	U15EIP201	Circuits and Devices Lab	2	4	1	3
22	U15EEP211	Basis of Electrical and Electronics Engineering Laboratory	2	4	1	3
23	U15ECP207	Electronic Devices and Circuits Laboratory	2	4	1	3
24	U15TXP201	Fiber Analytical laboratory	2	4	1	3

Change in Course Codes in the following laboratory courses:

SL NO	EXISTING COURSE CODE	COURSE NAME	PROPOSED COURSE CODE
1	U15CSP201	Digital systems and Design Laboratory	U15CSP202
2	U15ENT201	Business communication and presentation skills	U15ENP201



Office of the Coordinator Autonomous

Amendments

in

UG- Regulation-2015

Annexure – IV

Office of the Coordinator Autonomous

KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE

ACADEMIC UG-REGULATION 2015 (UG-R15) Amendments

Role of Class Advisors

- To guide students enrollment and registration of the courses
- To authorize the final registration of the courses at the beginning of each semester

Requirements for completion of a semester

R	14
Existing	Amended
80% overall attendance	Eligibility to write ESM exam of a course ≥ 75%

Lack of Attendance

In ≤ 3 courses of a semester	R15	Reregister for course in subsequent year or when offered next	
In ≥ 4 courses of a semester	R15	Cannot write end semester exams of all courses (theory + practical) of that semester Has to get readmitted in the subsequent year	
Lack of attendance in a professional or open elective	R15	The student may register for the same or any other professional or open elective course when offered next.	
Grade for courses that are reregistered	R15	Grade 'O-outstanding' will not be offered for range of marks from 90 to 100. For range of marks from 80 to 100, grade 'A+ Excellent' will be offered.	

Fails in a Course / Arrears

146	R15			
Fails in a course	Option 1: Retain CAM Follows existing procedure of writing supplementary exam / end semester exam	5 th attempt – CAM gets		
	Option -2: Re-earn CAM Reregisters for the course in subsequent year or when offered next Existing CAM gets nullified Re-earns CAM by taking up internal tests, assignments, group discussions Attending classes is optional If fails in end semester examination after re-earning CAM, option -1 only will be provided subsequently.			
No. of arrears	If a student has arrears in 1 st semester courses amounting to greater that the student will not be permitted to register for courses of 5 th semester. If a student has arrears in 2 nd semester courses amounting to greater that the student will not be permitted to register for courses of 6 th semester. If a student has arrears in 3 rd semester courses amounting to greater that the student will not be permitted to register for courses of 7 th semester. If a student has arrears in 4 th semester courses amounting to greater that the student will not be permitted to register for courses of 8 th semester.	an 06 credits, an 06 credits, an 06 credits, an 06 credits,		

CAM (R15)

CAM	No minimum CAN	√ – not a crit	eria to write	End Semeste	r Exams
CAM	Option 1		Option 2		
compositions	Internal test	2	30 marks	2	30 marks
	Assignments	02 online tests / quiz / written	10 marks	01 minor project	20 marks
	Group presentation	1	10 marks		
		Total	50 marks	Total	50 marks

Project

Phase	Assessment	Details	Existing	Amende d	Total marks
Phase I	Internal assessment	No. of Reviews: 02	100	1	100
		min	marks		marks
	External	NIL		E .	
2	assessment				
Phase II	Internal assessment	No. of reviews: 03	50 marks	1	100 marks
	External	Project report	10	I	
	assessment (50	Presentation	20	10	
	IIai NJ)	Response to queries	20	Tions	
	i i	Publication quality		10	

Question Paper Related (R14/R15)

							2
						related	Question paper
						question paper	Number of Choices in
questions are extra)	amendment 2	extra. After	one question was	paper (previously only	end semester question	in internal tests and	One choice increased

One credit Courses

Course	Existing	Amended
One credit courses related	One credit courses will be graded, but will not be considered for CGPA calculation	 O3 one credit courses will be considered in lieu of one professional elective course of 8th semester. Grade of such professional elective course will be the average grade of the O3 considered one credit course

Human excellence courses

Human excellence courses	Number of courses	07 courses in curriculum of all UG programs
	Assessment	•CAM (internally assessed on a continuous bases) for 100 marks •Assessment criteria - Yoga demo (40), assignment (10), internally assessed term end exam (50)

Comprehensive examination (R15)

Comprehensive	Semester	7
(R15)	Credit	3
	Mode	Self study professional additional elective
	Registration	Only once
E-	Pass	Can drop one professional elective in 8 th semester

Thank You



Office of the Coordinator Autonomous

Amendments

in

Regulation-2015 (ME / M.Tech / MCA / MBA)

<u>Annexure – V</u>

Office of the Coordinator Autonomous

KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE

ACADEMIC PG-REGULATION 2015 (PG-R15) Amendments

Requirements for completion of a semester

R	15
Existing	Amended
80% overall attendance	Eligibility to write ESM exam of a course ≥ 75%

CAM (R15)

		Existing		Am	nended
	Internal test	3	40 marks	2	40 marks
CAM compositions	Assignments		10 marks		10 marks
		Total	50 marks	Total	50 marks

Question Paper Related (R15)

Question paper related	Number of Choices in question paper	One choice provided in the last section of end semester question paper
a · ·		

MCA R15 - AMENDMENTS

S.NO	CLAUSE NO.	EXISTING	AMENDMENTS
1	9. Requirements for Completion of a Semester	 Minimum of 80 % overall attendance On Duty: 20 % of attendance + 5% relaxation can be provided on recommendation. 	• Minimum of 75% of Course Attendance
2	12.2 Mark Distribution Table -3(a)	3 Internal Tests	2 Internal Tests
3	Pattern for End Semester Exam Table – 3(b)	No Choice in Part D	Choice of Question given in Part D

MBA-Amendments in Regulation-2015

- 1. Mandatory Courses Two mandatory courses in each concentrations instead of three mandatory courses at present(p23 –p27)
- 2. Attendance 75% attendance for each course instead of 80% at present and no overall 80 %(6.1.1 p9) and relaxation norms as per KCT Regulations.
- 3. Extra credit courses offered (3,P6) accounting for 3 credits.
- 4. Opening up the electives for third and fourth semester instead of opening up only for third semester. (4.6, p8)

Thank You



MEMBERS LIST OF THE

13TH ACADEMIC COUNCIL

Meeting

Office of the Coordinator Autonomous



Academic Council

MEMBERS OF THE ACADEMIC COUNCIL (As on 06.08.2016)

Special Invitee

01 : 01 1 ***		
Shri. Shankar Vanavarayar	Joint Correspondent	
variation variation	Joint Correspondent	

Members

01	Dr.R.S.Kumar	Chairman, Academic Council & Principal
02	Mr.M.Senthilkumar	HOD i/c / Aeronautical Engineering
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering
06	Dr.P.Devaki	Prof &HOD / Computer Science & Engineering
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering
10	Dr.Vijila E Kennedy	Director,MBA
11	Dr.V. Geetha	Prof & HOD / MCA
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology
15	Dr.J.Senthil	Prof & HOD / Information Technology
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering			
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations			
	achers of the college representation of service in the Co		eaching staff by rotation on the basis		
21	Dr.R.Manivel	Prof. Mech. (Profi/c. R&D)			
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department			
23	Prof. T. R. Sukumar	Associate Professor/Mechanica Controller of Examinations	l Engineering Department/Deputy		
		verning Body from outside the ucation, Medicine, Engineering	e college representing such areas as		
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004		
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810		
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377		
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251		
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	Hariharan.Ganesan@weirgroup.com Tele: +91 80 4044 9091 Cell: +91 96209 11677 Fax: +91 80 4044 9001		

29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai- 600 025	meena68@annauniv.edu Cell: 9444302041.
30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli – 620 024	kmtsenthil@gmail.com Cell:9443267846
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044	nmuthu@mitindia.edu Tele: 044-22516332,22516115 Cell: 9444981996 Fax: 044-22232403
Fac	ulty member nominated by	the Principal (Member Secreta	ry)
32	Prof.S.Bhaskar Center for Academic Excellence		

Students Representative

33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	
36	15MIE06	Pradeep kumar.N	ME-Industrial Engineering	
37	15MCO007	Nandhini. V	ME-Communication Engineering	
38	15MBT004	Mirra R R	M.Tech. Biotechnology	



ANNEXURE – I

01. AGENDA OF THE 13TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS

Office of the Coordinator Autonomous



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-13th Academic Council meeting-06 August 2016 (Sat) -reg

coordinator autonomous < coordinator.autonomous@kct.ac.in>

Mon, Aug 1, 2016 at 4:02

PN

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, THIRUMOORTHI P <thirumoorthi.p.eee@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvan.cm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, Centre for Academic Excellence <cefd@kct.ac.in>, coes <coes@kct.ac.in>

Dear Sir,

Sub: Kumaraguru College of Technology - 13th Academic Council-meeting-06.08.2016.

Greetings!

The 13th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 06th August 2016 (Saturday). Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting. Kindly make it convenient to attend the meeting.

Thanking you, Yours truly Dr.R.S.Kumar Principal / Chairman-Academic Council

KCT-13th-AC meeting-6.8.16.pdf 345K



[An Autonomous
Institution
Established in 1984
Affiliated to
Anna University Chennai
Approved by
AICTE, New Delhi
Accredited by NAAC]

Ref: KCT/ACM/M13/2016-17

Date: 01.08.2016

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 13th Meeting of the Academic Council of Academic Autonomy - Reg.

We wish to inform that the 13th Meeting of the Academic Council of Academic Autonomy of Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Saturday the 06th August 2016 at the Committee Room of Dr.Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- (1) Approval of the minutes of the Standing Committee meeting.
- (2) Approval of UG Regulation-2015 curriculum & syllabi for semester 3 to semester 8.
- (3) Amendments made in Regulation-2014 & 2015.
- (4) Approval of PG-MBA-Regulation-2015 curriculum & syllabi for semester 1 to semester 4.
- (5) Approval of the results for UG / PG Nov / Dec-2015 and Apr / May -2016 examinations.
- (6) Approval of the minutes of the Finance Committee meeting.
- (7) Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

Yours truly,

Principal Dr.R.S.Kumar

(Chairman, Academic Council)

To

Members concerned

COMBATORE SHE

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

info @kct.ac.in



ANNEXURE - II

Enclosed the following copy	of the xerox	submitted	in the	13 th	Academic
Council Meeting.			Tell		

01. Minutes of the 12th meeting of the Academic Council.

02. Minutes of the 16th meeting of the Standing Committee.

Office of the Coordinator Autonomous



01. Minutes copy of the 12th

Academic Council

meeting

Office of the Coordinator Autonomous



Office of the Coordinator Autonomous

July 25, 2015

Minutes of the 12th Meeting of Academic Council of the Autonomous Body

The 12th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 25.07.2015 from 10 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting. Members from KCT:

1.	Dr.R.S.Kumar
2.	Dr.S.Elangovan

3. Prof.C.Vasantharaj

4. Dr. N. Sarasvathy

5. Dr.J.Premalatha

6. Dr.P.Devaki

7. Dr.Rani Thottungal

8. Dr.Rajeswari Mariappan

9. Dr.M.Ezhilarasi

10. Dr.J.Srinivasan

11. Dr.Ramalatha Marimuthu

12. Dr.P.K.Giridharan

13. Dr. S.A.Pasupathy

14. Dr. Vijila Kennedy

15. Dr.V. Geetha

16. Dr.Bhaarathi Durai

17. Dr.A. Vasuki

18. Dr. S. Gopal

19. Dr.S.Thangasamy

20. Dr.V.Muthukumaran

21. Prof.T.R.Sukumar

22. Dr.J.Vijay Prakash

23. Prof S. Bhaskar

Members nominated by KCT:

24. Mr.Niranjan.P

25. Mr.R.Ramesh

Chairman-Academic Council / Principal

Prof. & HOD / AE

Prof & HOD / AUT

HOD i/c/BT

Prof. & HOD / Civil

HOD i/c / CSE

Prof. & HOD / EEE

Prof. & HOD / ECE

Prof. & HOD / EIE

Prof. & HOD / FT

Prof. & HOD / IT

Prof. & HOD / Mechanical

Prof. & HOD i/c / MCE

Director / MBA

Prof.&HOD i/c / MCA

Prof. & HOD / TXT

Head i/c of PG / ECE

Prof. & HOD/S&H

Prof. & Dean (R& D)

Head i/c of PG / Mechanical Engineering

Deputy Controller of Examinations

Deputy Controller of Examinations

Center for Academic Excellence (Member Secretary)

Executive Director, Cameron Manufacturing India Pvt Ltd, 3rd Floor, TIDEL Park, Coimbatore.

Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

CS-ENASUMO ENE MIT 1

26. Ms. Sudha Rengarajan

Enterprise Architect, Intel Technology India Pvt Ltd,

Devarabeesanahalli, Hobli, Bangalore.

Members Nominated by Anna University:

27. Dr.V. Selladurai Principal, Coimbatore Institute of Technology, Aerodrome Post, Coimbatore.

28. Dr.M.Kannan Associate Professor / Head i/c, Department of

Electronics Engineering, Anna University, Chennai.

29. Dr.N.Devarajan Professor, Department of Electrical Engineering,
Government College of Technology, Coimbatore.

Student representatives (UG/PG):

30. Mr. C.Sivakumar-Roll No-14MIE021

31. Ms. S.Suwathikaa – Roll No-12BBT053

32. Ms. S.Dharani- Roll No-12BCE010

33. Ms. R.Dhasharathi-Roll No-14MCO008

34. Ms. M.Rahul-Roll No-12BCS086

35. Mr. R.Aravindh Krishna-Roll No-12BME015

PG Student Representative-IVth year IE

PG Student Representative-IVth year IE

UG Student Representative-IVth year CSE

UG Student Representative-IVth year CSE

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 12th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

- Minutes of the 11th Academic Council meeting held on 25.07.2014.
- b. Minutes of the Standing Committee meeting held on 07.07.2015.
- c. Newly inducted members to the academic council
- d. Amendments in regulation 2013 and regulation 2014

UG Regulation 2013 amendments:

Change of course code:

- i. CSE /IT U13 MAT402 Signal and systems instead of U13 MAT401 Signal and systems
- ii. EIE/CSE/IT MCE U13ECT511 Digital signal processing in 5th semester as a common course instead of U13ECT512

5.8

UG Regulation 2014 amendments:

- i. Project phase I (Max. 2 credits)
- ii. Assessment of Human Excellence courses.

UG/PG Regulation 2014 amendments:

- i. Separate Grade sheet for supplementary exams
- ii. 2 presentation assignment pattern
- iii. Internal test question paper pattern-4

MCA Regulation 2014 amendments:

i. Three internal tests instead of two internal tests

03. Approval of CBCS Regulation 2015 (UG-BE/BTech and PG-ME/M.Tech)

The CBCS regulations mentioned below were presented by Prof.S.Bhaskar, Center for Academic Excellence and were approved by the academic council:

Sl.No.	Regulation	Approval
1.	CBCS Regulation 2015 (UG-BE/B.Tech) (norms & rules)	The academic council granted approval for the CBCS Regulation 2015 (UG-BE/BTech and PG-
2.	CBCS Regulation 2015 (PG-ME/M.Tech) (norms & rules)	ME/M.Tech)

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2014 and April/May-2015 and the same was approved by the academic council.

05. Approval of Curriculum & Syllabus for Regulation 2013 UG (BE/BTech) for semesters 5 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 5 to semester 8) Regulation-2013 (R13) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Aeronautical Engineering		
2.	Automobile Engineering		**
3.	Biotechnology		E .
4.	Civil Engineering		The academic council
5.	Computer Science & Engineering		granted approval for the
6.	Electrical & Electronics Engineering		(Semester 5 to 8) for the
7.	Electronics & Communication Engineering	Semester 5 to semester 8	
8.	Electronics & Instrumentation Engineering	semester o	13 UG programmes
9.	Fashion Technology		
10.	Information Technology		
11.	Mechanical Engineering		
12.	Mechatronics Engineering		
13.	Textile Technology		Į.

5.8~

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06. Approval of Curriculum & Syllabus for Regulation 2014 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2014 (R14) for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		49
2	Automobile Engineering		
3	Biotechnology		
4	Civil Engineering		The academic council
5	Computer Science & Engineering		granted approval for the
6	Electrical & Electronics Engineering	~	curriculum and syllabus
7	Electronics & Communication Engineering	Semester 3 to	(Semester 3 to 8) for the
8	Electronics & Instrumentation Engineering	semester 8	13 UG programmes
9	Fashion Technology		ļ
10	Information Technology	F1	
11	Mechanical Engineering		20
12	Mechatronics Engineering		
13	Textile Technology		

07. Approval of revised Curriculum & Syllabus for Regulation 2014 PG (ME/M.Tech) for

semesters 3 & 4

The Hods presented the revised curriculum and syllabus for PG (ME / M.Tech)-(semester 3 and semester 4) Regulation-2014 (R14) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Biotechnology		
2.	Structural Engineering		
3.	Computer Science & Engineering		25
4.	Power Electronics & Drives		The academic council
5.	Applied Electronics	Semester 3 and semester 4	granted approval for the revised curriculum and syllabus (Semester 3 & 4) for the 12 PG programmes
6.	Communication Systems		
7.	Embedded System Technologies		
8.	Industrial Engineering		
9.	Energy Engineering		
10.	CAD/CAM		
11.	Textile Technology		
12.	Apparel Technology		V

08. Ratification of MCA Regulation 2014 (R14), MCA R14 Curriculum & Syllabus for

semesters 1 to 6

The HoD of MCA presented the MCA regulation 2014 curriculum and syllabus for semester 1 to semester 6

Sl.No.	Programme	Approval	
1.	MCA	The academic council ratified:	





MCA*- Regulation 2014 (R14)
 MCA R14 curriculum and syllabus for semester
1 to semester 6.

09. Ratification of MBA Regulation 2014 (R14)

The Director of MBA presented the:

1. MBA Regulation 2014

Sl.No.	Programme	Approval
1.	MBA	The academic council ratified: • MBA – Regulation 2014 (R14)

10. Approval of Curriculum & Syllabus for CBCS Regulation 2015 UG(BE/BTech) for

semesters 1 and 2

The HoD of Science and Humanities presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) CBCS Regulation-2015 (R15) with minor modification only in curriculum (not syllabus) of Regulation-2014 of 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1.	Aeronautical Engineering		
2.	Automobile Engineering	15	*
3.	Biotechnology		
4.	Civil Engineering		The academic council
5.	Computer Science & Engineering		granted approval for the
6.	Electrical & Electronics Engineering	C1	curriculum and syllabus
7.	Electronics & Communication Engineering	Semester 1 and	under CBCS Regulation
8.	Electronics & Instrumentation Engineering	semester 2	2015 (R15) (Semester 1
9.	Fashion Technology		and 2) for the 13 UG
10.	Information Technology		programmes
11.	Mechanical Engineering		
12.	Mechatronics Engineering		
13.	Textile Technology		

11. Approval of Curriculum & Syllabus for CBCS Regulation 2015 PG(ME/M.Tech) for

semesters 1 to 4

The Hods presented the curriculum and syllabus for PG (ME / M.Tech)-(semester 1 to semester 4) CBCS Regulation-2015 (R15) for 12 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Biotechnology	Semester 1	The academic council
2-	Structural Engineering		





3	Computer Science & Engineering	- to	granted approval for the
4	Power Electronics & Drives	semester 4	curriculum and syllabus
5	Applied Electronics		(Semester 1 to 4) for the 12
6	Communication Systems		PG programmes
7	Embedded System Technologies		
8	Industrial Engineering		
9	Energy Engineering		
10	CAD/CAM	8	T .
11	Textile Technology		
12	Apparel Technology)6

12. Approval of MCA - CBCS Regulation 2015, Curriculum & Syllabus for MCA - CBCS R15 for semesters 1 to 6

The HoD of MCA presented the MCA-CBCS regulation 2015, curriculum and syllabus for MCA –R15 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council approved: • MCA – CBCS Regulation 2015 (R15) • MCA R15 curriculum and syllabus for semester 1 to semester 6.

13. Approval of MBA - CBCS Regulation 2015

The Director of MBA presented the MBA-CBCS regulation 2015:

Sl.No.	Programme	Approval
	MBA-CBCS regulation 2015	The academic council granted approval for the MBA – CBCS Regulation 2015

Suggestion by the external members of the Academic Council:

- The members suggested to consider offering self study courses to UG programmes. It was informed
 that self study courses were offered to PG programmes as an experiment and based on the outcome,
 the pattern may be extended to the UG programmes.
- 2. The members suggested to have the percentage of "Professional Core courses" in the curriculum closer to the maximum percentage suggested by AICTE.

Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

رسم.ی

		11
Dr.R.S.Kumar	Chairman-Academic Council / Principal	11/11/11
Nominee of Anna Universi	ty	1
Dr.V. Selladurai	Principal, Coimbatore Institute of Technology, Coimbatore	3
Dr.M.Kannan	Associate Professor / Head i/c Department of Electronics Engineering Anna University, Chennai	2 of 25/7/15
Dr.N.Devarajan	Professor, Department of Electrical & Electrical Engineering, Government College of Technology, Coimbatore.	LJ-Cr
Expert Nominated by Govern	ning Body	*
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore	Polinier
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	(5)
Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, Coimbatore	Do

The meeting came to an end at 4.00 PM.

CAE NACON

Chairman, Academic Council /Principal

To: All the members

Copy to: Co-Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information





02. Minutes copy of the 16th meeting

of the

Standing Committee.

Office of the Coordinator Autonomous

Kumaraguru College of Technology, Coimbatore 641 049 (An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2016-2017

26.07.2016

Minutes of the meeting of Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore was held on Tuesday, 26th July 2016 at 3.30 pm in the 'B' Block Conference Hall.

The following members were present for the meeting.

Standing Committee Members

Principal Dr.R.S.Kumar HOD / CE. Dr. J.Premalatha HOD / ME. Dr.V.Muthukumaran Dr. R. Venkatesan HOD / MCE Mr.M.Senthilkumar HOD i/c. / Aero Dr.M.Ezhilarasi Prof & HOD / EIE HOD / EEE Dr.Rani Thottungal HOD / ECE. Dr.K.Malarvizhi HOD / CSE. Dr.P.Devaki HOD / IT Dr.J.Senthil HOD / TXT. Dr.Bhaarathi Dhurai HOD / FT. Dr. J. Sriniyasan Dr. N. Sarasvathi HOD i/c / BT Prof & HOD / AU Prof.C. Vasantharaj HOD / MCA. Dr.V. Geetha Director / MBA Dr. Vijila E Kennedy Prof & HOD / Science & Humanities Dr. T.Arunachalam Deputy Controller of Examinations Prof.T.R.Sukumar Deputy Controller of Examinations Dr.J.Vijay Prakash



The following points were discussed in the meeting:

- **01.** The curriculum and syllabus (semester 3 to semester 8) for Regulation-2015 for UG is presented and approved.
- 02. The amendments made in the following is presented and approved.
 - a) Amendments made in Regulation-2014 -UG (BE/B.Tech) PG (MCA).
 - b) Amendments made in Regulation-2015- UG (BE/B.Tech) PG (ME/M.Tech/MCA)
 - c) Amendments made in Regulation-2015-UG-semester 1 and semester 2 (batch 2015 & 2016).
- **03**. The curriculum and syllabus for MBA Regulation-2015 for semester 1 to semester 4 is presented and approved.

The meeting ended at 4 pm.

Chairman, Academic Council / Principal

To

All the members concerned

Copy submitted to the Chairman, for kind information

Copy submitted to the Correspondent, for kind information

Copy submitted to Joint Correspondent for kind information



Annexure – III

COPY OF THE POWER POINT PRESENTATION.

Office of the Coordinator Autonomous



Welcome to the Respected Members of the Academic Council of Kumaraguru College of Technology (Autonomous) 06th August 2016



Meeting of the 13th Academic Council Meeting - Agenda

- 1. Approval of the 12th Academic Council meeting minutes
- 2. <u>Academic Council members and approval of the new members of the Academic Council</u>
- 3. Approval of the minutes of the Standing Committee meeting
 - a. Approval of the amendments made in the regulation-2014 and Regulation 2015 UG / PG / PG-MCA
 - b. Approval of the amendments made in curriculum & Syllabi for UG (BE/B.Tech) Semester 1 and Semester 2 of Regulation 2015 (batch 2015 & batch 2016)



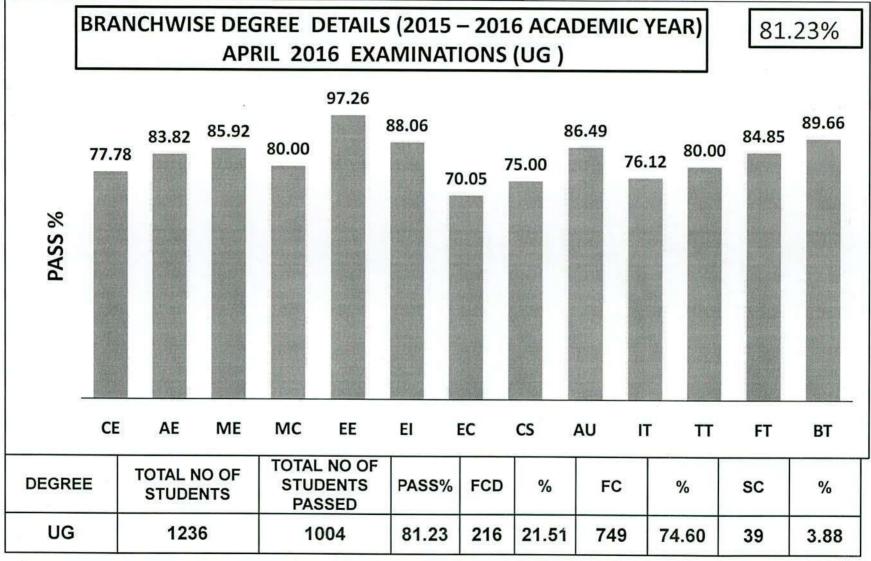
OVERALL DEGREE DETAILS 2015-2016 Academic Year programme completed batch

APRIL / MAY 2016 EXAMINATIONS- (UG / PG)*

- TOTAL NUMBER OF STUDENTS APPEARED(UG): 1236
- DEGREE COMPLETED STUDENTS (UG): 1004
- PASS % (UG): 81.23%
- TOTAL NUMBER OF STUDENTS APPEARED (PG): 505
- DEGREE COMPLETED STUDENTS(PG): 399
- PASS % (PG): 79.00 %

^{*} excluding arrear, special supplementary and revaluation

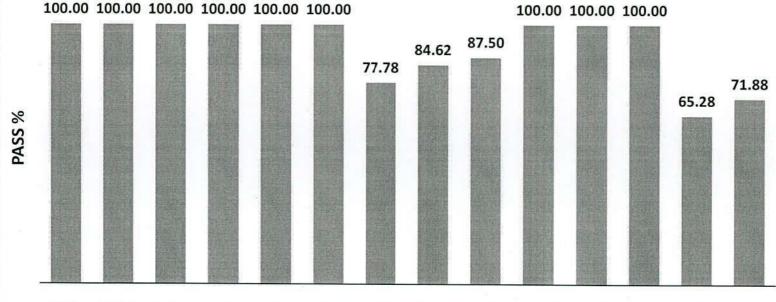






BRANCHWISE DEGREE DETAILS (2015 – 2016 ACADEMIC YEAR) APRIL 2016 EXAMINATIONS (PG)

79 %



MSE MCC MEE MIE MPE MEMS MAE MCO MCS MBT MTT MAT MCA MBA BRANCHCODE

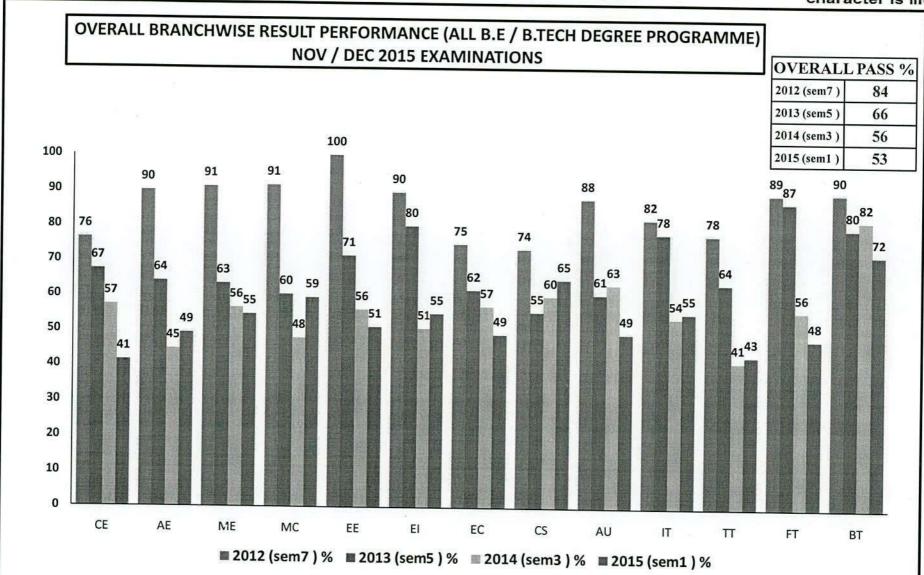
DEGREE	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS PASSED	PASS%	FCD	%	FC	%	sc	%
PG	505	399	79.00	45	11.28	237	85.46	13	3.26



Results - UG Programmes

Nov / Dec - 2015



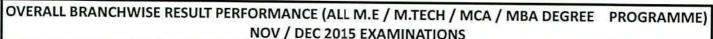


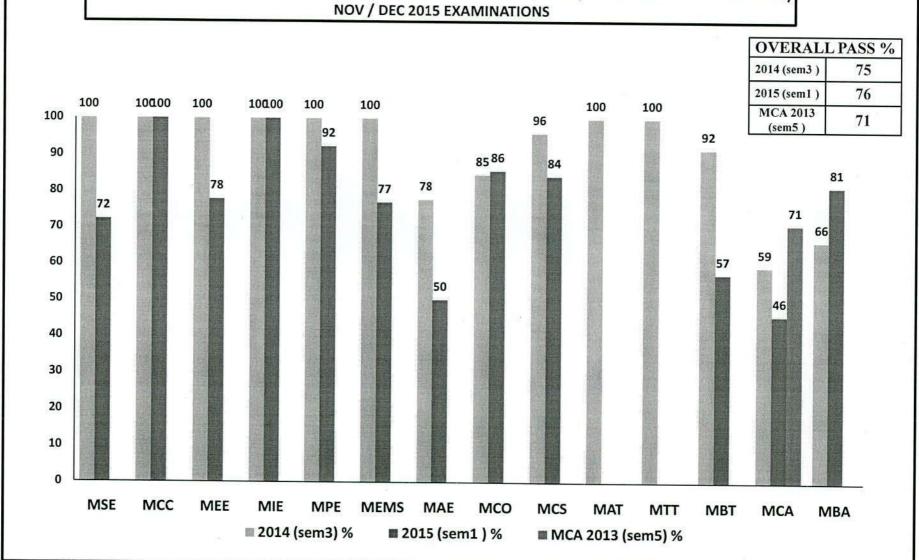


Results - PG Programmes

Nov / Dec - 2015









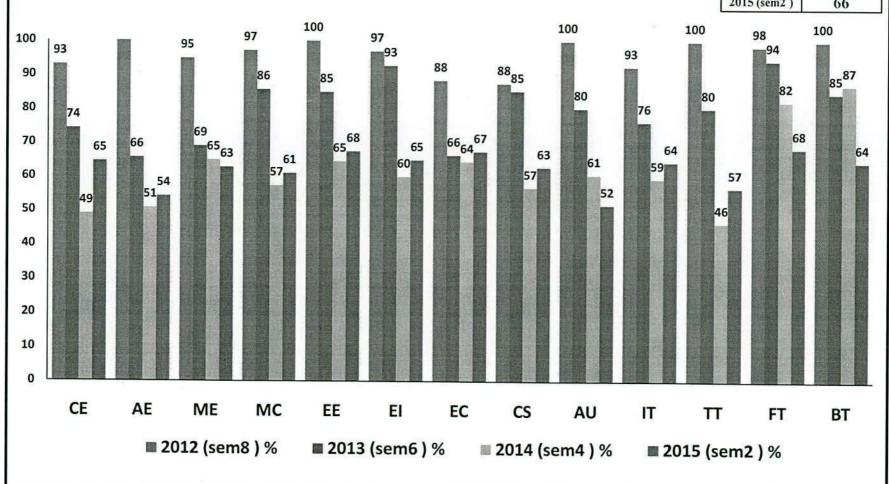
Results - UG Programmes

April / May - 2016



OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME) APR / MAY 2016 EXAMINATIONS

OVERALL	PASS %
2012 (sem8)	95
2013 (sem6)	78
2014 (sem4)	62
2015 (sem2)	66





OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME)

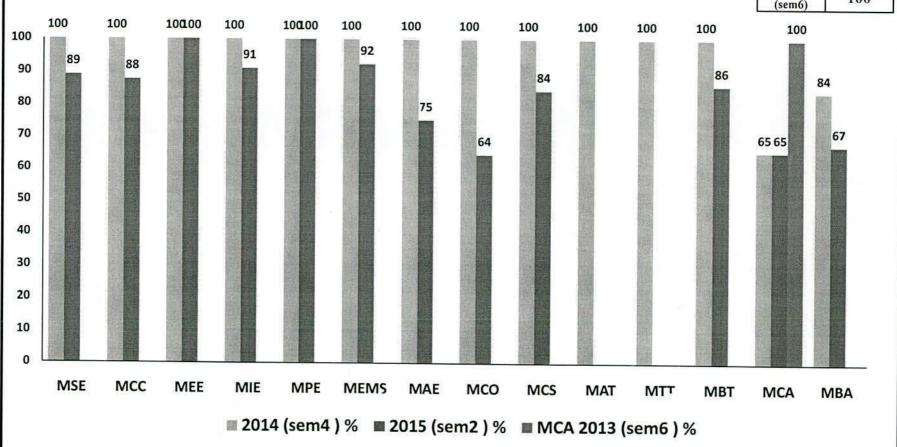
APR / MAY 2016 EXAMINATIONS

OVERALL PASS %

2014 (sem4) 85

2015 (sem2) 74

MCA 2013 (sem6) 100





Thank you



Office of the Coordinator Autonomous

July15, 2017

Minutes of the 14th Meeting of Academic Council of the Autonomous Body

The 14th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 15.07.2017 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

1. Dr.R.S.Kumar Chairman-Academic Council / Principal Dr.K.Sundararaj HOD / AE 3. Prof.C.Vasantharaj Prof & HOD / AUT 4. Dr. N. Saraswathy HOD i/c/BT 5. Dr.J.Premalatha Prof. & HOD / Civil 6. Dr.P.Devaki HOD / CSE 7. Dr.Rani Thottungal Prof. & HOD / EEE 8. Dr.S.A.Pasupathy Prof. & HOD i/c / ECE 9. Dr.M.Ezhilarasi Prof. & HOD / EIE 10. Dr.J.Srinivasan Prof. & HOD / FT 11. Dr.J.Senthil Prof. & HOD / IT 12. Dr.V.Muthukumaran Prof. & HOD / ME 13. Dr. R. Venkatesan Prof. & HOD / MCE 14. Dr. Vijila Kennedy Director / MBA 15. Dr.V. Geetha Prof.&HOD / MCA 16. Dr.Bhaarathi Durai Prof. & HOD / TXT 17. Prof.K.Ramprakash Prof. i/c of PG / ECE 18. Dr. T.Arunachalam Prof. & HOD/S&H 19. Dr.R.Manivel Prof. Mech. (Prof..i/c. R&D) 20. Dr.P.K.Giridharan Prof. i/c of PG / Mechanical Engineering 21. Prof.P.Thirumoorthi Assoc.Prof / EEE Department 22. Prof.T.R.Sukumar Deputy Controller of Examinations 23. Dr.J.Vijay Prakash Deputy Controller of Examinations 24. Prof S. Bhaskar Center for Academic Excellence (Member Secretary)

Members Nominated by Anna University:

25. Dr.M.Meenakshi

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Members nominated by KCT:

27. Mr.R.Ramesh

Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

Student representatives (UG/PG):

28. Ms.Fenitza – Roll no - 14BE1009	UG Student Representative-IV year EIE
29. Mr. Sivasubramani- Roll No-14BME143	UG Student Representative-IV year ME
30. Mr. Sanjay.S - Roll No-14BCS081	UG Student Representative-IV year CSE
31. Ms. Poonguzhali - Roll No-14BTT036	UG Student Representative-IV year TXT
32. Mr. Yukendhar.G.S Roll No-14BME177	UG Student Representative-IV year ME
33. Mr. Manish.J - Roll No-14BME206	UG Student Representative-IV year ME
34. Ms. Sreenithi.S - Roll No-16MBA022	PG Student Representative-II year MBA

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 14th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council - refer Annexure I

- a. Minutes of the 13th Academic Council meeting held on 06.08.2016.
- b. Minutes of the Standing Committee meeting held on 14.07.2017.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.

03. Amendments - UG/PG- Regulation 2015

Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2016 and April/May-2017 and the same was approved by the academic council - refer Annexure - II

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 1 and 2

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) and curriculum for sem 3 to sem 8 of Regulation-2017 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval	
1	Aeronautical Engineering			
2	Automobile Engineering			
3	Biotechnology		The academic council	
4	Civil Engineering		granted approval for the	
5	Computer Science & Engineering		curriculum and syllabus (semester 1 and 2) and curriculum (from sem 3 to	
6	Electrical & Electronics Engineering	semester 1		
7	Electronics & Communication Engineering	and		
8	Electronics & Instrumentation Engineering	semester 2	sem 8) for 13 UG-	
9	Fashion Technology		programmes-refer	
10	Information Technology		Annexure-III	
11	Mechanical Engineering			
12	Mechatronics Engineering			
13	Textile Technology			

06. Approval of MBA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 4

The HoD of MBA presented the Regulation-2017, curriculum and syllabus for MBA –R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
best surrespectives	ND4	The academic council granted approval for the Regulation-2017, curriculum and syllabus
1.	MBA	(semester 1 to semester 4) for MBA programme of R17-refer Annexure-IV

07. Approval of MCA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 6

The HoD of MCA presented the Regulation -2017, curriculum and syllabus for MCA of R-17 (semester 1 to semester 6):

Sl.No.	Programme	Approval
1.	MCA	The academic council granted approval for the Regulation-2017, curriculum and syllabus (semester 1 and semester 2) and curriculum from sem3 to sem 6 for MCA programme –R17 -refer Annexure-V

08. Any other matter with the permission of the Chair:-

NIL

09.Suggestion by the external members of the Academic Council:-

List attached

10.Vote of Thanks

Prof.T.R.Sukumar, Deputy Controller of Examinations proposed vote of thanks.

Approved by		<u>Signature</u>
Dr.R.S.Kumar	Chairman - Academic Council / Principal	Nhm
Nominee of Anna Universit	у	
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai.	Hereal
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	* toto impe
Expert Nominated by Gove	rning Body	
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	Ghl

The meeting came to an end at 4.15 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

07. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

- 01. Appreciated the content of the Regulation -2017 as very impressive.
- 02. The comprehensive examinations under R-2017 can include additional contact hours / tutorial hours and may be shown in the time table. Two tests can be conducted for comprehensive examinations course (like GATE exam Paper I and Paper II) for 3 credits.
- 03. A bench marking methodology may be adopted to distinguish internship and project work.
- 04. Question paper pattern need to be suggested for end semester exam to facilitate course mapping as per OBE.
- 05. Elective list is too long. Number of electives may be decided based on the expertise available to handle the electives.
- 06. Quality of project done in the industry is to be in high order.
- 07. All Open Elective uniform 3 credits.
- 08. Out of 3 open elective 2 should be technical and 1 may be from life skills / Humanities. Option exercised by student.
- 09. Any online certificate courses (Like., NPTEL) should have a end semester examinations for 100 marks.
- 10. Process, assessment and validation is needed for vital non credit courses.
- 11. No rescaling for end semester marks for re-test. Proper assessment methodology may be framed for students (genuine cases) requesting for re-test. And also there should be a cap for maximum marks awarded. For institutional representation 15 marks and Medical Cases 7.5 marks may be awarded after proper assessment.
- 12. The process and assessment of the summer track should be in tune with regular track without any deviation.
- 13. The member appreciated the methodology followed for implementing the course "Internet of Things" in the curriculum.
- 14. A committee can be formed along with external members to decide about the credit transfer from Foreign Universities / National Institutions.
- 15. Latest trends including Nano Technology can be offered.
- 16. Expertise of faculty to be ensured for professional Electives.
- 17. For End Semester Examination 100% Internal QP setting is approved with external member scrutiny.
- 18. The curriculum is to be inspirational.

Coordinator Autonomous

COMBATORE IS

Principal / Chairman Academic Council



Office of the Coordinator Autonomous

Academic Council

14th Meeting held on 15.07.2017 at 10 a.m. at Kumaraguru College of Technology campus

Date:15.07.2017

Members

Sl.No.	Name of the members	Address	Signature
01	Dr.R.S.Kumar	Chairman, Academic Council & Principal	1
02	Dr.K.Sundararaj	Prof & HOD / Aeronautical Engineering	ald
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	e sa
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	n. W. J. J.
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	J. Phillip
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	S'Alenai
0 7	Dr.Kani Thottungal	Prof & HOD / Electrical & Electronics Engineering	Lacytet.
08	Dr.S.A.Pasupathy	Prof & HOD i/c / Electronics & Communication Engineering	LACLY
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	42pl Pos
10	Dr.Vijila E Kennedy	Director / MBA	China !
11	Dr.V. Geetha	Prof & HOD / MCA	f 800
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	V. Marcoll
13	Dr. R. Venkatesan	Prof & HOD / Mechatronics Engineering	R. Wahr
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	Tham
15	Dr.J.Senthil	Prof & HOD / Information Technology	9. 2180
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	Red
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	M

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and Communication Engineering	kn push
20	Dr. I Vii av Drakaah	The design of the section of the sec	
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	- Styl
	Control of the contro	g different categories of teaching iority of service in the College	
stan by	27		
21	Dr.R.Manivel	Prof. Mech. (Profi/c. R&D)	Have
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	Bund
		Associate Professor/Mechanical Engineering	
23	Prof. T. R. Sukumar	Department/Deputy Controller of	1050
		Examinations	18101
Expert:	s nominated by the Governi	ng Body from outside the college representing	ng such areas as Industr
Commo	erce, Law, Education, Medic	ine, Engineering, etc.,	
	,	Director,	
1200		Faculty of Engineering and Technology,	
24	Prof.C.Muthamizhchelvan	SRM University,	
		SRM Nagar, Kattankulathur – 603 203	
		Tamilnadu, India	
-		Executive Director,	
		Cameron Manufacturing India Pvt Ltd,	
25	Mr.Niranjan.P	Third Floor, TIDEL Park,	
	1	Vilankurichi Road, Civil Aerodrome Post,	
		Coimbatore 641 014,India	
	Mr.R.Ramesh	Executive Director,	
26		Janatics India Pvt Limited,	() \
20	(KCT Alumni – 84-88	E-25, SIDCO Industrial Estate,	Unh
	batch Mech.)	Kurichi, Coimbatore- 641 021	
	Ms.Sudha Rengarajan	Enterprise Architect,	
27		Intel Technology India Pvt Ltd,	41/
21	(KCT Alumni – 85-89	#23-56P, Outer Ring Road,	_
	batch)	Devarabeesanahalli, Varthur Hobli,	
	2	Bellandur Post, Bangalore – 560 103	
	Mr.Hariharan Ganesan	Sector Head – Energy,	
28	(Hari)	EnSci A WEIR Group Enterprise,	
20		10 th floor, Brigade Rubix,	
	KCT Alumni	#20, HMT Road, Yeshwantpur,	
т. •	CAL TI	Bangalore – 560 022.	
vomine	ee of the University		8
		Professor	_
		Department of Electronics and	
29	Dr.M.Meenakshi	Communication	Marah
		Engineering,CEG Campus	Men
	1	Chennai- 600 025	

30	Dr.T.Senthilkumar	Dean Department of Aut Engineering Bharathidasan Inst Campus),Anna Un Tiruchirappalli – 6		
31	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		Matterimes. 15/07/17
Facult	y member nominated by	the Principal (Member	Secretary)	×=====================================
32	Prof.S.Bhaskar	Center for Academ	nic Excellence	55 07/2017
Studen	its Representative		>	
33	14BEI009	Fenitza	BE-Electronics and Instrumentation Engineering	M. Senty
34	14BME143	Sivasubramani	BE-Mechanical Engineering	Smry-K.
35	14BCS081	Sanjay.S	BE-Computer Science and Engineering	Smry. K.
36	14BTT036	Poonguzhali B.Tech-Textile Technology		# HARA
37	14BME177	Yukendhar.G.S.	BE-Mechanical Engineering	Latton
38	14BME206	Manish.J BE-Mechanical Engineering		5.18.
39	16MBA022	Sreenithi.S	MBA	G. Bult.

Regulations-2017 Committee Representatives

40 Dr. Vinolor Stephen Rapheal Assoc prof/Biotechnology

XSh



Office of the Coordinator Autonomous

Amendments made in UG / PG

Curriculum & Syllabi and Regulation-2014 & 2015

Annexure - I

Office of the Coordinator Autonomous

Amendments Made in Regulation 2014 & 2015

UG & PG



		character
Sl.No	Existing	Amended
1	Eligibility to appear for end semester	Eligibility to appear for end semester
	examinations-overall 80% attendance	examinations-75% attendance in individual
		courses.
2	CAM Nullification- nullified in the 5th	CAM Nullification- nullified in the 4th
	attempt and the student has to score a	attempt and the student has to score a
,	minimum of 50 marks out of 100 in	minimum of 50 marks out of 100 in the end
	the end semester exam to get pass in	semester exam to get pass in the course
	the course	
3	PG-MCA – Eligibility for special	PG-MCA – Eligibility for special
	supplementary exam – students who	supplementary exam – students who have
	have less than or equal to 8 arrears	less than or equal to 6 arrears (sem 1 to sem
	(sem 1 to sem 6) are eligible to appear	6) are eligible to appear for a special
	for a special supplementary exam.	supplementary exam.
4	Summer Track Programme –	Summer Track Programme – Applicable
	Applicable only for lack of attendance	only for lack of attendance and
	Course fee – Rs 3000/-	improvement of CAM Course fee – Rs
	100 Aug.	5000/-

TABLE AGENDA

- 01. Approval of the 13th ACM minutes
- 02. ACM New Members Appointed
- 03. <u>Approval of the minutes of the Standing</u> <u>Committee meeting</u>

New Members Appointed



- 01. Dr.K.Sundararaj Chairman, Board of Examiner, Department of Aeronautical Engineering
- 02. Dr.J.Senthil Director / Chairman, Board of School of Computing
- 03. Dr.S.A.Pasupathy, Chairman, Board of Examiner, Department of Electronics and Communication Engineering
- 04. Dr.R. Venkatesan, Chairman, Board of Examiner, Department of Mechatronics Engineering

Amendments Made in Regulation 2014 & 2015

UG & PG



Sl.No	Existing Eligibility to appear for end semester	Amended Eligibility to appear for end semester
1 1	Eligibility to appear for end semester	Eligibility to appear for end semester
		Englosing to appear for the semester
e	examinations-overall 80% attendance	examinations-75% attendance in individual
		courses.
2	CAM Nullification- nullified in the 5th	CAM Nullification- nullified in the 4th
a	attempt and the student has to score a	attempt and the student has to score a
r	minimum of 50 marks out of 100 in	minimum of 50 marks out of 100 in the end
t	the end semester exam to get pass in	semester exam to get pass in the course
t	the course	
3 1	PG-MCA – Eligibility for special	PG-MCA – Eligibility for special
s	supplementary exam – students who	supplementary exam – students who have
li	have less than or equal to 8 arrears	less than or equal to 6 arrears (sem 1 to sem
((sem 1 to sem 6) are eligible to appear	6) are eligible to appear for a special
·f	for a special supplementary exam.	supplementary exam.
4 S	Summer Track Programme –	Summer Track Programme – Applicable
A	Applicable only for lack of attendance	only for lack of attendance and
	Course fee – Rs 3000/-	improvement of CAM Course fee - Rs
=		5000/-
	39	



MEMBERS LIST OF THE

14TH ACADEMIC COUNCIL

Meeting

Office of the Coordinator Autonomous



<u>ANNEXURE – I</u>

01. AGENDA OF THE 14TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS

Office of the Coordinator Autonomous



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-14th Academic Council meeting-15th July 2017 (Sat) -reg

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Thu, Jun 22, 2017 at 1:21

PI

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, THIRUMOORTHI P <thirumoorthi.p.eee@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvancm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, Centre for Academic Excellence <cefd@kct.ac.in>, coes <coes@kct.ac.in>
Cc: Shankar Vanavarayar <sv@kct.ac.in>

Dear Sir / Madam.

Sub:Kumaraguru College of Technology - 14th Academic Council-meeting-15.07.2017.

Greetings!

The 14th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 15th July 2017 (Saturday). Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.

Kindly make it convenient to attend the meeting.

Thanking you, Yours truly Dr.R.S.Kumar Principal / Chairman-Academic Council

KCT-AC Meeting-Agenda.docx 335K





[An Autonomous Institution Established in 1984 Affiliated to Anna University Chennai Approved by AICTE, New Delhi Accredited by NAAC]

Ref: KCT/ACM/M14/2017-18

Date: 20.06.2017

Dear Sir / Madam,

Sub: Kumaraguru College of Technology – 14th Meeting of the Academic Council of Academic Autonomy - Reg.

We wish to inform that the 14th Meeting of the Academic Council of Academic Autonomy of Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Saturday the 15th July 2017 at the Committee Room of Dr. Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- (1) Approval of the minutes of the Standing Committee meeting.
- Approval of UG Regulation-2017 curriculum & syllabi for semester1 and semester2 & curriculum for semester 3 to semester 8.
- Amendments made in Regulation-2014 & 2015. (3)
- (4) Approval of PG-MBA-Regulation-2017 curriculum & syllabi for semester 1 to semester 4.
- Approval of PG-MCA-Regulation-2017 curriculum & syllabi for semester 1 and semester 2 & curriculum for semester 3 to semester 6.
- Approval of the results for UG / PG Nov / Dec-2016 and Apr / May -2017 examinations. (6)
- Approval of the minutes of the Finance Committee meeting.
- Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

Principal Dr.R.S.Kumar

(Chairman, Academic Council)

To

The Members concerned



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

info@kct.ac.in



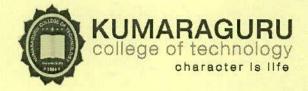
ANNEXURE - II

Enclosed the following copy of the xerox submitted in the **14th** Academic Council Meeting.

01. Minutes of the 13th meeting of the Academic Council.

02. Minutes of the 17th meeting of the Standing Committee.

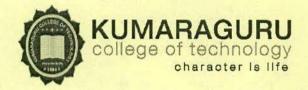
Office of the Coordinator Autonomous



01. Minutes of the 13th

Academic Council

Meeting



Minutes of the 13th

Academic Council

Meeting

Office of the Coordinator Autonomous



Office of the Coordinator Autonomous

August 06, 2016

Minutes of the 13th Meeting of Academic Council of the Autonomous Body

The 13th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 06.08.2016 from 10.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

 Dr.R.S.Ku 	mar
-------------------------------	-----

2. Mr.M.Senthilkumar

3. Prof.C.Vasantharaj

4. Dr. N. Saraswathy

5. Dr.J.Premalatha

6. Dr.P.Devaki

7. Dr.Rani Thottungal

8. Dr.K.Malarvizhi

9. Dr.M.Ezhilarasi

10. Dr.J.Srinivasan

11. Dr.J.Senthil

12. Dr.V.Muthukumaran

13. Dr. R. Venkatesan

14. Dr. Vijila Kennedy

15. Dr.V. Geetha

16. Dr.Bhaarathi Durai

17. Prof.K.Ramprakash

18. Dr. T.Arunachalam

19. Dr.R.Manivel

20. Dr.P.K.Giridharan

21. Prof.P.Thirumoorthi

22. Prof.T.R.Sukumar

23. Dr.J.Vijay Prakash

24. Prof S. Bhaskar

Members Nominated by Anna University:

25. Dr.M.Meenakshi

Chairman-Academic Council / Principal

HOD i/c / AE

Prof & HOD / AUT

HOD i/c/BT

Prof. & HOD / Civil

HOD / CSE

Prof. & HOD / EEE

Prof. & HOD i/c / ECE

Prof. & HOD / EIE

Prof. & HOD / FT

Prof. & HOD / IT

Prof. & HOD / MEI

Prof. & HOD / MCE

Director / MBA

Prof.&HOD / MCA

Prof. & HOD / TXT

Prof. i/c of PG / ECE

Prof. & HOD/ S&H

Prof. Mech. (Prof..i/c. R&D)

Prof. i/c of PG / Mechanical Engineering

Assoc.Prof / EEE Department

Deputy Controller of Examinations

Deputy Controller of Examinations

Center for Academic Excellence (Member Secretary)

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.



26	Dr.N.Nachimuthu	
/ D	I Ir N Nachimithi	ti.
- C .	DISTRICT THE PROPERTY OF THE P	Ł

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Student representatives (UG/PG):

27. Ms.Tanmay Mukherjee – Roll No-14BME156	UG Student Representative-III year ME
28. Mr. Vineeth Kumar D - Roll No-13BEC170	UG Student Representative-IV year ECE
29. Mr. U.Gowthama Prabu - Roll No-14BBT021	UG Student Representative-III year BT
30. Mr. N.Pradeep Kumar - Roll No-15MIE06	PG Student Representative-II year IE
31. Ms. V.Nandhini - Roll No-15MCO07	PG Student Representative-II year CS
32. Ms. R.R.Mirra - Roll No-15MBT04	PG Student Representative-II year BT

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 13th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council:

- a. Minutes of the 12th Academic Council meeting held on 25.07.2015.
- b. Minutes of the Standing Committee meeting held on 26.07.2016.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.
- e. Amendments made in Regulation 2015 UG -sem 1 and sem 2(batch 2015 & 2016).

a) UG Regulation 2013 amendments

Change of course code

i. ME - U13MCP604 - Mechatronics Laboratory instead of U13MCP601-Mechatronics Laboratory

b) UG Regulation 2014 amendments UG (BE/B.Tech) and PG (MCA):

The academic council granted approval for the amendments made in Regulation-2014 – refer Annexure-1.

c) Regulation 2015 amendments: UG (BE/B.Tech)

The academic council granted approval for the amendments made in Regulation-2015 as follows:-

- UG curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2015) refer annexure-II
- 2. UG curriculum and syllabus for Regulation-2015 of semester 1 and semester 2 (batch-2016) refer annexure-III
- 3. Amendments made in Regulation-2015 refer annexure IV

d) Regulation 2015 amendments: PG (ME/M.Tech/MCA/MBA)

The academic council granted approval for the amendments made in Regulation-2015- refer Annexure-V.

03. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2015 and April/May-2016 and the same was approved by the academic council.

04. Approval of Curriculum & Syllabus for Regulation 2015 UG (BE/BTech) for semesters 3 to 8

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 3 to semester 8) Regulation-2015 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		
2	Automobile Engineering		1
3	Biotechnology		
4	Civil Engineering		The academic council
5	Computer Science & Engineering		granted approval for the curriculum and syllabus
6	Electrical & Electronics Engineering	ics Engineering Semester 5	
7	Electronics & Communication Engineering	to	(Semester 3 to 8) for 13
8	Electronics & Instrumentation Engineering	semester 8	UG-programmes-refer
9	Fashion Technology		Annexure-VI
10	Information Technology		
11	Mechanical Engineering	4	_
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for MBA-Regulation-2015 for semesters 1 to 4

The HoD of MBA presented the curriculum and syllabus for MBA -Regulation-2015 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1. MBA	я	The academic council granted approval for the curriculum and syllabus (Semester 1 to 4) for MBA programme –Regulation-2015-refer Annexure-VII

06. Any other matter with the permission of the Chair:-

The Academic Council granted approval for retaining used answer booklets for 2 years from the period of completion of the semester examinations.



07.Suggestion by the external members of the Academic Council:-

List attached

08. Vote of Thanks

Prof.S.Bhaskar, Center for Academic Excellence, proposed vote of thanks.

Approved by		Signature .
Dr.R.S.Kumar	Chairman-Academic Council / Principal	
Nominee of Anna University		, ,
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	There a L 6/3/16.
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	* * * * * * * * * * * * * * * * * * *

The meeting came to an end at 4.00 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information



07. Suggestions by Anna University nominees of the KCT Academic Council:-

- 01. The courses can be combined without diluting course content in ECE department curriculum and syllabus.
- 02. Mark for Paper publication in UG project may have a rethink for all UG phase -II projects.
- 03. Object Oriented programming and C++ course should have practical content for FT department.
- 04. The total credit for all UG programmes should be in the range of 180 to 182.
- 05. Some of the laboratory courses may have 2 credits also.
- 06. The members suggested to have less theory courses in 3rd year and final year curriculum to meet the requirement of placement training and internship.
- 07. The members suggested to have 60 to 65% of theory courses and 40 to 45% of the practical courses in curriculum and syllabus.
- 08. The members also suggested to collect feedback from students about curriculum and syllabus during 4th semester and end of 7th semester to know whether it met the requirements.
- 09. Break system for students with arrears greater than 6 credits in 1st semester can be thought of to be implemented from 6th semester onwards and thereafter.

10. To start with comprehensive exam can be offered in 7th semester for 3 credits. In future it can be made compulsory.

Coordinator Autonomous

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Principal / Chairman Academic Council



Office of the Coordinator Autonomous

Academic Council

13th Meeting held on 06.08.2016 at 10 a.m. at Kumaraguru College of Technology campus

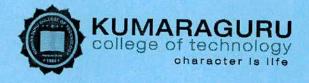
Special Invitee

Date:06.08.2016

Shri	. Shankar Vanavarayar	Joint Correspondent	Signature
Me	embers		
01	Dr.R.S.Kumar Chairman, Academic Council & Principal		TA/T
02	Mr.M.Senthilkumar	Prof & HOD i/c / Aeronautical Engineering	tria
03	Prof.C.Vasantharaj	Prof & HOD / Automobile Engineering	2 2
04	Dr. N. Saraswathy	HOD i/c / Bio-Technology	N My DEGAN
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	12
06	Dr.P.Devaki	Prof & HOD / Computer Science & Engineering	do
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	Lante Glarott
08	Dr.K.Malarvizhi	Prof & HOD i/c / Electronics & Communication Engineering	la k is 6/8/16
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	" oflyhip-P.
10	Dr.Vijila E Kennedy	Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	Cfrus
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	V-1922-1-
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	Pikeliter
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	
15	Dr.J.Senthil	Prof & HOD / Information Technology	
16	Dr. T.Arunachalam	Prof & HOD / Science & Humanities	
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	M

19 Prof.K.Ramprakash Prof. i/c of PG / Electronics and Communication Engineering			
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	
Tr	pools are a field to		Park
sta	eachers of the college represent aff by rotation on the basis of	enting different categories of teaching f seniority of service in the College	
21	I=1.49%	Prof. Mech. (Profi/c. R&D)	T MAILLE
22	Pro.P.Thirumoorthi	Assoc.Prof / EEE Department	Absort
23	The Sukumur	Associate Professor/Mechanical Engineering Department/Deputy Controller of Examinations	18/102
Ex _l Co	perts nominated by the Gov mmerce, Law, Education, M	rerning Body from outside the college represed delicine, Engineering, etc.,	enting such areas as Industr
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Absont
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014 India	Absont
6	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Absont
7	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Absort
8	Mr.Hariharan Ganesan (Hari) KCT Alumni	iharan Ganesan Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix,	
om	inee of the University	2554	
	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai- 600 025	& hura L

30	Dr.T.Senthilkumar	Dean Department of Autor Engineering Bharathidasan Institut Campus),Anna Univ Tiruchirappalli – 620	Absont	
31	Dr.N.Nachimuthu	Professor Department of Rubb Technology (MIT Ca Chennai – 600 044	1 Natoimus	
Fac	ulty member nominated	by the Principal (Membe	r Secretary)	4
32	Prof.S.Bhaskar	Center for Academic	Excellence	Silospialt
Stu	dents Representative			1 0-1
33	14BME156	Tanmay Mukherjee	BE-Mechanical Engineering	44.
34	13BEC170	Vineeth Kumar D	B.E.Electronics & Communication Engineering	Aluth
35	14BBT021	Gowthama Prabu U	B.Tech Biotechnology	I ejestre
36	15MIE06	Pradeep kumar.N ME-Industrial Engineering		Ni pikun
37	15MCO007	Nandhini. V ME-Communication Engineering		Chappier.
38	15MBT004	Mirra R R	M.Tech. Biotechnology	Histo



02. Minutes copy of the 17th meeting

of the

Standing Committee.



(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2017-2018

Date: 14.07.2017

Minutes of the meeting of Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Tuesday, 14th July 2017 at 11.00 am in the 'B' Block Conference Hall.

The following members were present for the meeting.

Dr.R.S.Kumar Principal Dr. J. Premalatha HODi/c / CE. Dr.V.Muthukumaran HOD / ME. Dr.R.Venkatesan HOD/MCE Dr.S.A.Pasupathy HOD i/c / ECE Dr.K.Sundararaj HOD / Aero Prof.C. Vasantharai Prof & HOD / Auto Dr.M.Ezhilarasi Prof & HOD / EIE Dr.Rani Thottungal HOD / EEE Dr.P.Devaki HOD / CSE. Dr.J.Senthil HOD / IT Dr.Bhaarathi Dhurai HOD / TXT. Dr.J.Srinivasan HOD / FT. Dr.N.Saraswathy HOD i/c/BT Dr.V. Geetha HOD i/c / MCA. Prof.K.Ramprakash Prof i/c PG /Dept of ECE Dr.P.K.Giridharan Prof i/c PG /Dept of ME

Dr. T.Arunachalam HOD/S&H

Prof.T.R.Sukumar Deputy Controller of Examinations
Dr.J.Vijay Prakash Deputy Controller of Examinations
Prof.S.Bhaskar Center for Academic Excellence

The following points were discussed in the meeting:

- 01. Dr.R.S.Kumar, Principal presented the CBCS UG-Regulation-2017.
- 02 All the Head of the Departments have presented curriculum & syllabus for first year UG curriculum & syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 8 of R-2017.
- 03 Amendments made in Regulation-2014 & 2015 presented in the meeting.
- 04 MBA-Regulation-2017, curriculum and syllabus for sem 1 to sem 4 presented.
- **05.** MCA-Regulation-2017, curriculum and syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 6 presented.

The committee approved all the above points.

The meeting ended at 5.00pm.

Chairman, Academic Council / Principal

To
All the members concerned

Copy submitted to the Co-Chairman, for kind information Copy submitted to the Correspondent, for kind information Copy submitted to Joint Correspondent for kind information





Annexure – III

COPY OF THE POWER POINT PRESENTATION.

Office of the Coordinator Autonomous



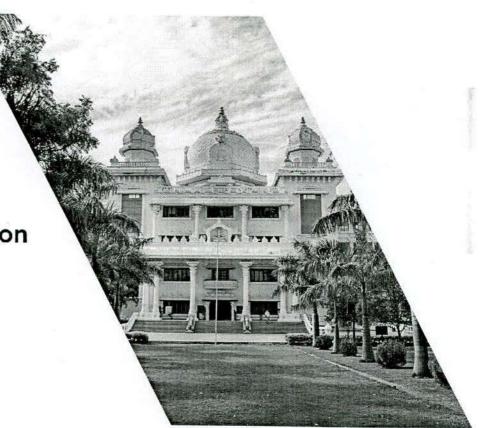
Academic Council 15th July 2017

Welcome



R17 Regulation

Key changes from R15 to R17 Regulation



Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Categorization of courses	P P V V	 Humanities and Social Science (HS) [10%] Basics Science (BS) [15%] Engineering Science (ES) [10%] Professional Core (PC) [30% to 40%] Professional Elective (PE) [10% to 15%] Project Work (PW) [7% to 15%] Open Elective (OE) [5%] e-RIDE (Employment Enhancement courses (EEC) - Research/Innovation/Design/Entrepreneurship) [5%] Vital credit [1%]
Credit Assignment	>1L=1C >2T=1C >2P=1C	 1 Lecture Period= 1Credit 1 Tutorial Period= 1Credit 2 Practical Period= 1Credit 2 Project Period = 1Credit
Credit Range	182 to190	166 to 175 + 2 (Vital Units)

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)			
	Course Registration				
Credit Range in a semester	➤ Regular semester = maximum 30 credits	 Registration via ERP Regular Semester = 16 to 30 credits, if 30 Credit one 3 Credit course self study. Summer Track = 0 to 12 credits 			
Extended Track	> NA	 Second Semester onwards. Students can register for minimum permissible number of credits and complete the course within seven years. (Prior approval of mentor, HoD, parent is warranted. Necessary fee for additional semesters will apply) 			

. . .

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Summer Track	≻NA	Who can register? Students • with lack of attendance in regular semester • Failed in End Semester Examination (ESE) • Failed in previous summer track • Courses without pre-requisites in the 7th and 8th semester can be registered after the 4th semester when offered in the Summer track
	As	sessment
CAM – ESE Weightage for all courses	➤ CAM – 50 Marks ➤ ESE – 50 Marks (Except, Human Excellence Courses and One-credit Industry courses where CAM = 100 Marks)	 Continuous assessment Marks (CAM) – 50 Marks End Semester Examination (ESE) – 50 Marks (Except, Human Excellence Courses and Industry courses, few Open Elective, few e-RIDE courses where CAM = 100 Marks)

2

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Question Paper	QP Pattern – Internal Test I & II + ESE • 5 Pattern with detailed format provided. • Separate pattern for ESE given	 QP Pattern – CAT I & II + ESE 4 -6 Patterns which can be used for both CAT and ESE Faculty has autonomy to choose the pattern and are responsible to communicate in advance with Course plan to students for CAT I & II
Retest	≻Available	 No Retest For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) Institutional representation - 15 % of ESM Medical reasons - 5% of the ESM
Attendance Requirement	> ESE ≥ 75%	 CAT I, II & ESE ≥ 75% (Theory) If a student has RA due to lack of attendance in course C1, he/she cannot register for a course C2, (which has C1 as a pre-requisite) in the next regular semester. Therefore, he/she has to register for C1 in the Summer Track/ opportunity

Topic	Regulations – 15 (R15)	Regulations – 17 (R17)
Eligibility For The Award Of Degree	Student should have successfully completed the course requirements	 Student should have successfully completed the course requirements. Successfully completed the NCC / NSS / NSO/ other vital units requirements.
Passing Requireme nts	Theory courses, Practical courses, Project only course •50% in CAT •50% in ESE	Theory courses, Practical courses, Project only courses • No change Embedded courses – Theory to Practice •RA for the component only • Needs to pass in both components

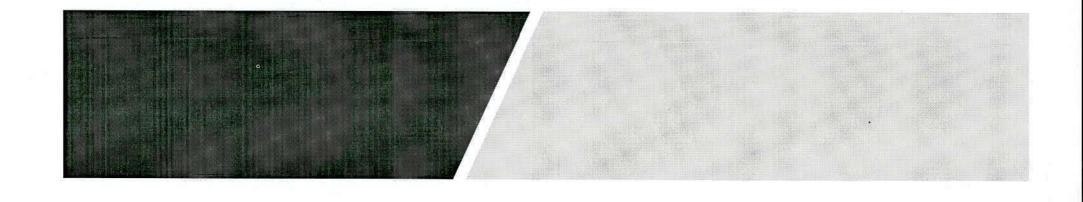
Topic	Regulations – 15 (R15)	Regulations – 17 (R17)
Reappearance Criteria	If a student gets RA in the regular semester, He/she can appear TWICE in the arrear exam by retaining the CAM earned during the regular semester. CAM gets nullified in the fourth attempt	Once RA grade is obtained in a regular semester, then student has two options:- • The student has to register for the Summer track, re-earn his/her CAM and then appear for the ESE. OR • The student can retain the earned CAM during the regular semester, and appear for the ESE for the second time. If he/she fails in the second attempt (1 Regular attempt and 1 Arrear attempt), then the student shall re-register for the course in the Summer track. If the student fails in Human Excellence he/she will re-register when it's offered next.

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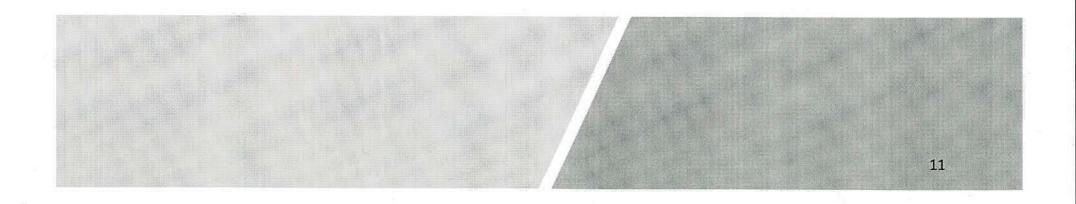
Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Open electives	➤3 courses for a total of 9 credits	 Baskets of options available including 1 credit courses Micro (9 Credits) / Minor (15 Credits) specialization can be offered
Programme specialization	➤ Not indicated in consolidated statement	Elective: streams available
Special Credit courses	➤SIP ➤Comprehensive Exams ➤Minor projects ➤Industry Internships – no Credits	e-RIDE courses (1 to 3 credits) Total 9 Credits • Comprehensive exams mandatory in 7 th sem • Research / Industry internships • Mini projects • Certification courses • Skill Development • Technical Courses (Online/Offline) • Humanities courses (Online/Offline)

. . . .

Topics	Regulations – 15 (R15)	Regulations – 17 (R17)
Vital non-credit (Personality Development) courses	 NCC NSS NSO YRC Clubs- any one enrolment Sports Yoga 	 Mandatory for students to earn 2 Credits Each credits corresponds to 40 hours activity. Four categories of vital units: Industry connect (Industrial Visit, Inplant Training) Wellness education (NSO) Club/professional/NCC/NSS/YRC activities Co-curricular activities (Paper presentation, publication, poster presentation, Technical events.)



THANK YOU!





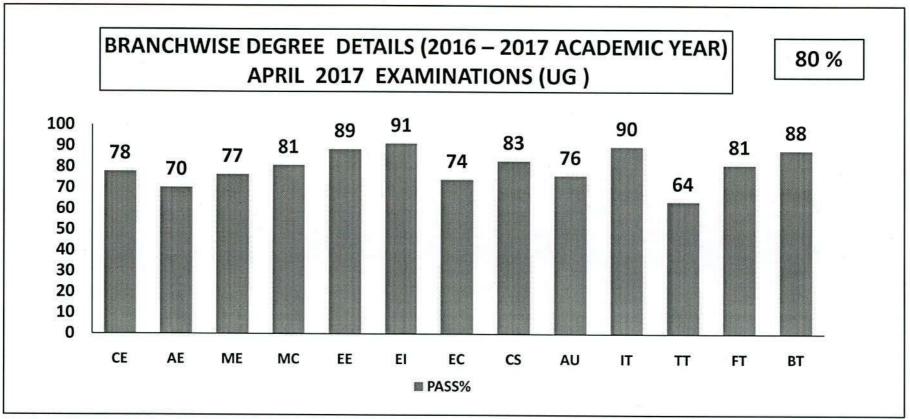
OVERALL DEGREE DETAILS 2016-2017 Academic Year programme completed batch

APRIL / MAY 2017 EXAMINATIONS- (UG)*

- TOTAL NUMBER OF STUDENTS APPEARED(UG): 1334
- DEGREE COMPLETED STUDENTS (UG): 1061
- PASS % (UG): 79.54%

^{*} excluding arrear, special supplementary and revaluation





DEGREE	TOTAL NO OF STUDENTS	TOTAL NO OF STUDENTS PASSED	PASS%	FCD	%	FC	%	sc	%
UG	1061	1004	79.54	174	16.40	829	78.13	58	5.47



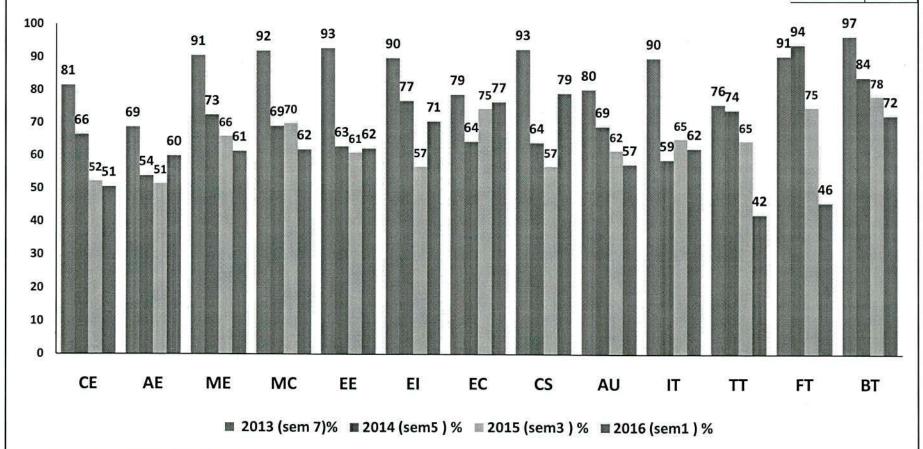
Results – UG Programmes

Nov / Dec - 2016



OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME) NOV / DEC 2016 EXAMINATIONS

OVERALL P	
2013 (sem 7)%	86
2014 (sem5) %	69
2015 (sem3) %	64
2016 (sem1) %	64





Results - PG Programmes

Nov / Dec 2016

OVERALL PASS % OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME) NOV / DEC 2016 EXAMINATIONS 2015 (sem3) % 79 2016 (sem1) % 78 MCA 2014 82 100 100 10400 100 10400 (sem5) % 100 100 100 92 89 90 86 83 80 75 71 70 60 50 50 50 40 30 20 10 **MSE** MCC MEE MIE MPE MEMS MAE MCO MCS MAT **MTT MBT** MCA **MBA** ■ 2015 (sem3) % ■ 2016 (sem1) % ■ MCA 2014 (sem5) %

1 - 2

Results – UG Programmes

Apr / May 2017

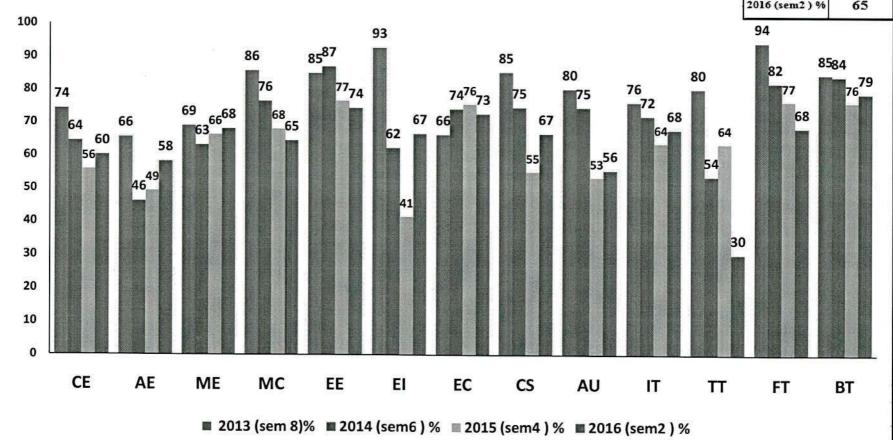
KUNARAGURU college of technology character is life

OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME)

APR / MAY 2017 EXAMINATIONS

1 - 1

OVERALL P	ASS %
2013 (sem 8)%	78
2014 (sem6) %	71
2015 (sem4) %	64
2016 (sem2) %	65



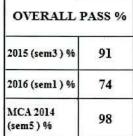


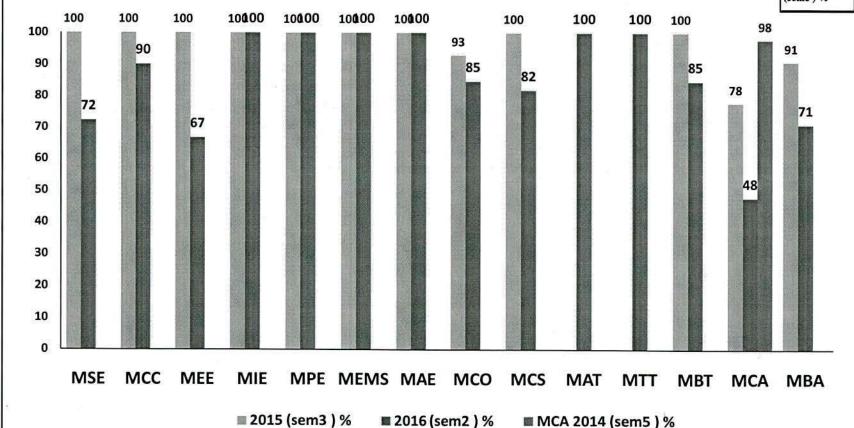
Results - PG Programmes

April / May - 2017



OVERALL BRANCHWISE RESULT PERFORMANCE (ALL M.E / M.TECH / MCA / MBA DEGREE PROGRAMME) - APR / MAY 2017 EXAMINATIONS







Office of the Coordinator Autonomous

February 23, 2018

Minutes of the 15th Meeting of Academic Council of the Autonomous Body

The 15th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 23.02.2018 from 11.00 a.m. to 01.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT.

Me	embers from KC1:	
1.	Dr.J.Senthil	Chairman
2.	Dr.K.Sundararaj	HOD / Al
3.	Dr. S. John Alexis	Prof & He
4.	Dr. N. Saraswathy	HOD/B7
5.	Dr.J.Premalatha	Prof. & H
6.	Dr. J. Cynthia	HOD / CS
7.	Dr.Rani Thottungal	Prof. & H
8.	Dr.S.A.Pasupathy	Prof. & H
9.	Dr.M.Ezhilarasi	Prof. & H
10.	Dr.J.Srinivasan	Prof. & H
11	Dr. V. Vanitha	HOD / IT

12. Dr.V.Muthukumaran 13. Dr. R. Venkatesan

14. Dr. Vijila Kennedy 15. Dr.V. Geetha

16. Dr.Bhaarathi Durai 17. Prof.K.Ramprakash

18. Dr.P.Devaki

19. Dr.R.Manivel 20. Dr.P.K.Giridharan

21. Dr. Mary Cherian

22. Dr.J.Vijay Prakash

23. Dr. E. A. Vimal

24. Dr. Vinohar Stephen Rapheal

n-Academic Council / Principal

IOD / AUT

HOD / Civil

SE

HOD / EEE HOD / ECE

HOD / EIE

HOD / FT

Prof. & HOD / ME Prof. & HOD / MCE Director / MBA Prof.&HOD / MCA

Prof. & HOD / TXT Prof. i/c of PG / ECE

Prof. & HOD/S&H

Prof. Mech. (Prof..i/c. R&D)

Prof. i/c of PG / Mechanical Engineering Prof & Head, Academic Operations, DoA

Deputy Controller of Examinations Deputy Controller of Examinations

Head, Innovation and Planning, DoA (Member

Secretary)

Members Nominated by Anna University:

25. Dr.M.Meenakshi

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.

26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Members nominated by KCT:

27. Mr.Niranjan.P

Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014

Student representatives (UG/PG):

28. Mr. Arul Pandiyan S - Roll no - 14BAU006	UG Student Representative-IV year AUE
29. Mr. Hari Krishnaa - Roll No-14BMC013	UG Student Representative-IV year MCE
30. Ms. Poonguzhali Roll No-14BTT036	UG Student Representative-IV year TXT
31. Ms. Shalini V - Roll No-15MCA036	PG Student Representative- III year MCA

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman – Academic council welcomed the members to the 15th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - Refer Annexure I

- a. Minutes of the 14th Academic Council meeting held on 15.07.2017.
- b. Minutes of the 18th Standing Committee meeting held on 21.02.2018.
- c. Newly inducted members to the Academic Council.

03. Approval of Introduction of New Courses (Academic year 2018-2019 onwards)

- The Head of the Department of Computer Science and Engineering has presented the curriculum and syllabus for 4 years UG Programme B.E. (Information Science and Engineering) of semester 1 and 2 under Regulations 2018.
- The Professor and Head, Department of Civil Engineering has presented the curriculum and syllabus for 2 years PG Programme M.E. (Environmental Engineering) of semester 1 to 4 under Regulations 2018.

- Candidates should have an academic qualification with a B.E./B.Tech in any one of the following streams with minimum of 60 percentage of marks or equivalent CGPA from any one of the recognized Universities in India
 - i. Civil Engineering
 - ii. Environmental Engineering
 - iii. Agricultural and Irrigation Engineering
 - iv. Chemical Engineering
 - v. Geo-informatics Engineering
 - vi. Biotechnology/Industrial Biotechnology
 - vii. Industrial Engineering
 - viii. B.Tech. (Energy and Environmental Engineering) of TamilNadu Agricultural University, Coimbatore.
 - ix. Mechanical Engineering (sponsored candidates from Government organizations)
 - x. Electrical Engineering (with 3 years of relevant experience) (sponsored candidates from Government organizations)
- The Head of the Department of Information Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Data Sciences) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Data Sciences) programme.
- The Professor and Head, Department of Textile Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Technology Management) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Technology Management) programme.

The proposed new programmes mentioned above were approved by the academic council - Refer Annexure - II

04. Approval of Results

Dr. E. A. Vimal, Deputy Controller of Examinations has presented the results for UG and PG courses of Nov/Dec-2017 end semester examinations and the same was approved by the academic council - Refer Annexure - III

05. Any other matter with the permission of the Chair:-

NIL

06. Suggestion by the external members of the Academic Council:-

List attached

07.Vote of Thanks

Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Approved by

Signature

Dr. J. Senthil	Chairman - Academic Council / Principal	J. LAP
Nominee of Anna Universit	у	
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	23/2/18
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	N. Nort Co j mm 25, 23/02/18
Expert Nominated by Gove	erning Body	
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014	J. Ningge

The meeting came to an end at 1.00 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information



06. Suggestions by Anna University nominees and Experts of the KCT Academic Council:

- **a.** Member suggested introduction of Computer vision as a component of relevant course or as a separate course in B.E (Information Science and Engineering) programme.
- **b.** Members stressed the growing importance of e-waste and therefore the necessity of introduction of a separate course on E-waste management and related issues in the M.E. (Environmental Engineering) curriculum and syllabus.
- c. In the M. E. (Data Sciences) programme
 - ✓ Members suggested inclusion of Artificial intelligence concepts at a level higher than of topics offered at UG level.
 - ✓ Member suggested incorporation of concepts related to 'localization of data' in relevant courses
 - ✓ Members also suggested incorporation of concepts of block chain security and transactions
- d. In the M.Tech (Technology Management) programme
 - ✓ Members advise Inclusion of more number of electives in the each elective tracks, to offer students sufficient choice
 - ✓ Members expressed concern on the probable employment options for the graduates, other than the local textile and engineering industries of the region.
- e. The members also remarked the PG programs are increasingly becoming inter-disciplinary
- **f.** The members suggested the results henceforth to be compared with earlier years and planned targets to better understand trends.

Coordinator Autonomous

Principal / Chairman Academic Council

J. Lithis



Office of the Coordinator Autonomous

Academic Council

15th Meeting held on 23.02.2018 at 11 a.m. at Kumaraguru College of Technology campus

Date:23.02.2018

Members

Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	2. at Rp
02	Dr.K.Sundararaj	HOD / Aeronautical Engineering	and
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	South
04	Dr. N. Saraswathy	Prof & HOD i/c / Bio-Technology	A.M. S.
05	Dr. J. Premalatha	Prof & HOD / Civil Engineering	J. fruit
06	Dr. J. Cynthia	HOD / Computer Science & Engineering	J. Cyl
07	Dr.Rani Thottungal	Prof & HOD / Electrical & Electronics Engineering	Langet.
08	Dr.S.A.Pasupathy Prof & HOD i/c / Electronics & Communication Engineering		LAND
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	of Egling.
10	Dr.Vijila E Kennedy	r.Vijila E Kennedy Director / MBA	
11	Dr.V. Geetha	Prof & HOD / MCA	· Church
12	Dr.V.Muthukumaran	Prof & HOD / Mechanical Engineering	V. HIES L
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	R. Velt
14	Dr.J.Srinivasan	Prof & HOD / Fashion Technology	Thom
15	Dr. V. Vanitha	HOD / Information Technology	
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	Day ,
17	Dr.Bhaarathi Dhurai	Prof & HOD / Textile Technology	Ren
18	Dr.P.K.Giridharan	Prof. i/c of PG / Mechanical Engineering	M

19	Prof.K.Ramprakash	Prof. i/c of PG / Electronics and	LO DI	
	1	Communication Engineering	K. Ro- Prokasti	
20	Dr.J.Vijay Prakash	Deputy Controller of Examinations	A.	
Teache	ers of the college representing	different categories of teaching		
	1 To a control of the	ority of service in the College		
21	Dr.R.Manivel	Prof. Mech. (Profi/c. R&D)	Melanit	
22	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	ng	
23	Dr. E. A. Vimal Associate Professor/Department of Computer Science & Engineering/ Deputy Controller of Examinations		Sur	
DOM: OF THE PARTY OF	s nominated by the Governi erce, Law, Education, Medic	ng Body from outside the college representing ine, Engineering, etc.,	such areas as Industry	
24	Director, Faculty of Engineering and Technology, SPM University		ABSENT	
25	Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India		
26	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ABSENT	
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	I VOLV	
28	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	ABSENT	
Nomin	ee of the University	_	10	
29	Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	Harat 23/2/18	

30	Dr.T.Senthilkumar	Dean Department of Automobile Engineering		
30	Di. i .Schullikullar		stitute of Technology (BIT	ABSENT
		Campus),Anna U	U	LINESENT
	£.	Tiruchirappalli –	이 사용 (C.) (C.) - (-)	
	x 1.51	Professor		
31	Dr.N.Nachimuthu	Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044		N Xat Simm
Faculty	y member nominated by the	ne Principal (Membe	r Secretary)	
20120	Dr.Vinohar Stephen			.0
32	Rapheal	Head, Innovation and Planning, DoA		
Studen	nts Representative			
33	Mr. Arul Pandiyan S	14BAU006	B.E. Automobile Engineering	SAhlandi
34	Mr. Gopinath D	14BCS030	B.E. Computer Science & Engineering	ABSENT
35		14BMC013	B.E. Mechatronics	N D. D.
	Mr. Hari Krishnaa	14BMC013	Engineering	& Dangary
36	Mr. Bhuvanes E	14BTT010	B. Tech Textile Technology	ABSENT
37	Ms. Poonguzhali	14BTT036	B. Tech Textile Technology	# Higher.
38	Ms. Shalini V	15MCA036	M.C.A	Xi.V



OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE - I

01. AGENDA OF THE 15TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS.

Office of the Coordinator Autonomous



Ref: KCT/ACM/M15/2017-18

Date: 13.02.2017

An Autonomous Institution Established in 1984 Affiliated to

Anna University Chennai Approved by AICTE, New Delhi Accredited by NAAC]

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 15th Meeting of the Academic Council of Academic Autonomy - reg.

We wish to inform that the 15th Academic Council of Academic Autonomy of Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 10.00 am on Friday the 23rd February 2018 at the committee Room of Dr. Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- 1) Approval of the minutes of the Standing Committee meeting
- 2) Approval of UG Regulations -2017 curriculum & syllabi for semester 1 to semester 8 of civil engineering, computer science, information technology and textile technology branches.
- 3) Amendments made in Regulations -2014, 2015 & 2017.
- 4) Approval of introduction of new courses
 - B.E.(Information Science and Engineering) 4 years UG programme
 - M.E. (Environmental Engineering) 2 years PG programme
 - M.Tech. (Data Sciences) 2 years PG programme
 - M.Tech. (Technology Management) 2 years PG programme
- 5) Approval of the results for UG / PG programme- Nov / Dec 2017 & Jan 2018 examinations
- 6) Approval of the minutes of the finance committee meeting
- 7) Any other matter with the permission of the Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you



Yours Truly,

Principal

(Chairman, Academic Council)

To The members concerned

> P.B.No. 2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06 info @kct.ac.in



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-15th Academic Council meeting-23rd Feb - 2018 (Fri) -reg

7 messages

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Tue, Feb 13, 2018 at 1:16

To: Hods <hods@kct.ac.in>, head ece <hod.ece@kct.ac.in>, HoD Automobile <hod.auto@kct.ac.in>, head science and humanities <hod.sci@kct.ac.in>, Principal KCT <principal@kct.ac.in>, head mca <hod.mca@kct.ac.in>, vijila@kctbs.ac.in, Giridharan PK <giridharan.pk.mec@kct.ac.in>, RAMPRAKASH k <ramprakash.k.ece@kct.ac.in>, Manivel R <manivel.r.mec@kct.ac.in>, Guhan M <selvan.cm@srmuniv.ac.in>, selvan.cm@gmail.com, director.et@srmuniv.ac.in, niranjan.p@c-a-m.com, ramesh@janatics.co.in, sudha11@yahoo.com, sudha.rengarajan@intel.com, hariharan.Ganesan@weirgroup.com, meena68@annauniv.edu, Senthilkumar Thamilkolundu <kmtsenthil@gmail.com>, nmuthu@mitindia.edu, coes <coes@kct.ac.in>, "VINOHAR.STEPHENRAPHEAL I" <vinohar.stephenrapheal.bt@kct.ac.in>, marycherian@kctbs.ac.in

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 15th Academic Council Meeting on 23rd Feb 2018 (Fri) - reg.

Greetings!

The 15th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 23rd Feb 2018 (Friday).

Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.

Kindly make it convenient to attend the meeting.

Thanking you,

Yours Truly
Dr. J. Senthil
Principal / Chairman-Academic Council



coordinator autonomous <coordinator.autonomous@kct.ac.in>
To: VIMAL A <vimal.ea.it@kct.ac.in>, JVP-Coe KCT <jvp.coe@kct.ac.in>

Tue, Feb 13, 2018 at 1:17 PM

[Quoted text hidden]

15th Academic Council Meeting Agenda.pdf 206K

Ramesh <ramesh@janatics.co.in>
To: coordinator autonomous <coordinator.autonomous@kct.ac.in>

Tue, Feb 13, 2018 at 3:15 PM



OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE – II

Enclosed the following copy of the Xerox submitted in the 15th Academic Council Meeting

- 01. Minutes of the 14th meeting of the Academic Council.
- 02. Minutes of the 18th meeting of the Standing Committee.



OFFICE OF THE COORDINATOR AUTONOMOUS

01. Minutes of the 14th

Academic Council

Meeting

Office of the Coordinator Autonomous



Office of the Coordinator Autonomous

July15, 2017

Minutes of the 14th Meeting of Academic Council of the Autonomous Body

The 14th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 15.07.2017 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

1. Dr.R.S.Kumar
2. Dr.K.Sundararaj
3. Prof.C.Vasantharaj
4. Dr. N. Saraswathy
5. Dr.J.Premalatha
6. Dr.P.Devaki
7. Dr.Rani Thottungal
8. Dr.S.A.Pasupathy
Chairman-Academic Council / Principal
HOD / AE
Prof & HOD / AUT
HOD i/c/BT
Prof. & HOD / Civil
HOD / CSE
Prof. & HOD / EEE
Prof. & HOD / EEE

8. Dr.S.A.Pasupathy Prof. & HOD i/c / ECE
9. Dr.M.Ezhilarasi Prof. & HOD / EIE
10. Dr.J.Srinivasan Prof. & HOD / FT
11. Dr.J.Senthil Prof. & HOD / IT

12. Dr.V.Muthukumaran Prof. & HOD / ME
13. Dr. R.Venkatesan Prof. & HOD / MCE

14. Dr.Vijila Kennedy Director / MBA
 15. Dr.V. Geetha Prof.&HOD / MCA

16. Dr.Bhaarathi Durai Prof. & HOD / TXT
17. Prof.K.Ramprakash Prof. i/c of PG / ECE

18. Dr. T.Arunachalam Prof. & HOD/ S&H

19. Dr.R.Manivel Prof. Mech. (Prof..i/c. R&D)

20. Dr.P.K.Giridharan Prof. i/c of PG / Mechanical Engineering
21. Prof.P.Thirumoorthi Assoc Prof / EEE Department

21. Prof.P.ThirumoorthiAssoc.Prof / EEE Department22. Prof.T.R.SukumarDeputy Controller of Examinations23. Dr.J.Vijay PrakashDeputy Controller of Examinations

24. Prof S. Bhaskar Center for Academic Excellence (Member Secretary)

Members Nominated by Anna University:

25. Dr.M.Meenakshi

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai. 26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Members nominated by KCT:

27. Mr.R.Ramesh

Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

Student representatives (UG/PG):

28. Ms.Fenitza – Roll no - 14BEI009	UG Student Representative-IV year EIE
29. Mr. Sivasubramani- Roll No-14BME143	UG Student Representative-IV year ME
30. Mr. Sanjay.S - Roll No-14BCS081	UG Student Representative-IV year CSE
31. Ms. Poonguzhali - Roll No-14BTT036	UG Student Representative-IV year TXT
32. Mr. Yukendhar.G.S Roll No-14BME177	UG Student Representative-IV year ME
33. Mr. Manish.J - Roll No-14BME206	UG Student Representative-IV year ME
34. Ms. Sreenithi.S - Roll No-16MBA022	PG Student Representative-II year MBA
32. Mr. Yukendhar.G.S Roll No-14BME177 33. Mr. Manish.J - Roll No-14BME206	UG Student Representative-IV year ME UG Student Representative-IV year ME

01. Welcome Address

Dr.R.S.Kumar, Principal, KCT and Chairman – Academic council welcomed the members to the 14th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Prof.T.R.Sukumar, Coordinator Autonomous and were approved by the academic council - refer Annexure I

- a. Minutes of the 13th Academic Council meeting held on 06.08.2016.
- b. Minutes of the Standing Committee meeting held on 14.07.2017.
- c. Newly inducted members to the Academic Council.
- d. Amendments made in Regulation 2014 and Regulation 2015.

03. Amendments – UG/PG- Regulation 2015

Sl.No	Existing	Amended
1	Eligibility to appear for end semester examinations-overall 80% attendance	Eligibility to appear for end semester examinations-75% attendance in individual courses.
2	CAM Nullification- nullified in the 5 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course	CAM Nullification- nullified in the 4 th attempt and the student has to score a minimum of 50 marks out of 100 in the end semester exam to get pass in the course
3	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 8 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.	PG-MCA – Eligibility for special supplementary exam – students who have less than or equal to 6 arrears (sem 1 to sem 6) are eligible to appear for a special supplementary exam.

04. Approval of Results

Prof. T.R.Sukumar, Deputy Controller of Examinations presented the results for UG/PG Nov/Dec-2016 and April/May-2017 and the same was approved by the academic council - refer Annexure - II

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 1 and 2

The Hods of the departments presented the curriculum and syllabus for UG (BE / B.Tech)-(semester 1 and semester 2) and curriculum for sem 3 to sem 8 of Regulation-2017 for 13 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		
2	Automobile Engineering		
3	Biotechnology		The academic council
4	Civil Engineering		granted approval for the
5	Computer Science & Engineering		curriculum and syllabus
6	Electrical & Electronics Engineering	semester 1	(semester 1 and 2) and
7	Electronics & Communication Engineering	and	curriculum (from sem 3 to
8	Electronics & Instrumentation Engineering	semester 2	sem 8) for 13 UG-
9	Fashion Technology		programmes-refer
10	Information Technology		Annexure-III
11	Mechanical Engineering		9
12	Mechatronics Engineering		
13	Textile Technology		

06. Approval of MBA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 4

The HoD of MBA presented the Regulation-2017, curriculum and syllabus for MBA –R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-IV

07. Approval of MCA-Regulation-2017, Curriculum & Syllabus of R-2017 for semesters 1 to 6

The HoD of MCA presented the Regulation -2017, curriculum and syllabus for MCA of R-17 (semester 1 to semester 6):

Sl.No.	P	rogramme	Approval
1.	MCA		The academic council granted approval for the Regulation-2017, curriculum and syllabus (semester 1 and semester 2) and curriculum from sem3 to sem 6 for MCA programme –R17 -refer Annexure-V

08. Any other matter with the permission of the Chair:-

NIL

09.Suggestion by the external members of the Academic Council:-

List attached

10.Vote of Thanks

Prof.T.R.Sukumar, Deputy Controller of Examinations proposed vote of thanks.

Approved by		Signature
Dr.R.S.Kumar	Chairman - Academic Council / Principal	Nhm
Nominee of Anna University		-
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	Hereal
Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai.	* rate impe
Expert Nominated by Govern	ning Body	
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	Ghl

The meeting came to an end at 4.15 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

07. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

- 01. Appreciated the content of the Regulation -2017 as very impressive.
- 02. The comprehensive examinations under R-2017 can include additional contact hours / tutorial hours and may be shown in the time table. Two tests can be conducted for comprehensive examinations course (like GATE exam Paper I and Paper II) for 3 credits.
- 03. A bench marking methodology may be adopted to distinguish internship and project work.
- 04. Question paper pattern need to be suggested for end semester exam to facilitate course mapping as per OBE.
- 05. Elective list is too long. Number of electives may be decided based on the expertise available to handle the electives.
- 06. Quality of project done in the industry is to be in high order.
- 07. All Open Elective uniform 3 credits.
- 08. Out of 3 open elective 2 should be technical and 1 may be from life skills / Humanities. Option exercised by student.
- 09. Any online certificate courses (Like., NPTEL) should have a end semester examinations for 100 marks.
- 10. Process, assessment and validation is needed for vital non credit courses.
- 11. No rescaling for end semester marks for re-test. Proper assessment methodology may be framed for students (genuine cases) requesting for re-test. And also there should be a cap for maximum marks awarded. For institutional representation 15 marks and Medical Cases 7.5 marks may be awarded after proper assessment.
- 12. The process and assessment of the summer track should be in tune with regular track without any deviation.
- 13. The member appreciated the methodology followed for implementing the course "Internet of Things" in the curriculum.
- 14. A committee can be formed along with external members to decide about the credit transfer from Foreign Universities / National Institutions.
- 15. Latest trends including Nano Technology can be offered.
- 16. Expertise of faculty to be ensured for professional Electives.
- 17. For End Semester Examination 100% Internal QP setting is approved with external member scrutiny.
- 18. The curriculum is to be inspirational.

Coordinator Autonomous

COMBATOR DE

Principal / Chairman Academic Council



OFFICE OF THE COORDINATOR AUTONOMOUS

02. Minutes of the 18th meeting of the Standing Committee

Office of the Coordinator Autonomous



Office of the Coordinator Autonomous

KCT/COE/G-SCM/114/2017-2018

Date: 21.02.2018

Minutes of the meeting of 18th Standing Committee of the Academic Council

A meeting of the 18th Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Wednesday, 21st Feb 2018 at 2.30 pm in the 'B' Block Conference Hall.

The following members were present for the meeting.

Dr. J. Senthil	Principal
Dr. J. Premalatha	HOD / CE.
Dr.V.Muthukumaran	HOD / ME.
Dr.R.Venkatesan	HOD/MCE
Dr.S.A.Pasupathy	HOD / ECE
Dr.K.Sundararaj	HOD / Aero
Dr. John Alexis	HOD / Auto
Dr.M.Ezhilarasi	HOD / EIE
Dr.Rani Thottungal	HOD / EEE
Dr. J. Cynthia	HOD / CSE.
Dr. V. Vanitha	HOD / IT
Dr.Bhaarathi Dhurai	HOD / TXT.
Dr.J.Srinivasan	HOD/FT.
Dr.N.Saraswathy	HOD/BT
Dr.V. Geetha	HOD / MCA.
Prof.K.Ramprakash	Prof i/c PG /Dept of ECE
Dr.P.K.Giridharan	Prof i/c PG /Dept of ME
Dr.P.Devaki	HOD/S&H
Dr. Mary Cherian	Prof & Head, Academic Operations, DoA
Dr. Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA
Dr.J.Vijay Prakash	Deputy Controller of Examinations
Dr. E. A. Vimal	Deputy Controller of Examinations

The following points were discussed in the meeting:

- 01. Dr. J. Senthil, Principal presented the introduction of four new courses (1UG and 3PG) from the academic year 2018-2019 onwards.
- 02 HoD /CSE has presented Regulation, curriculum & syllabus of a new course B.E. (Information Science and Engineering) 4 years UG Programme Regulations 2018, curriculum for Sem 1 to Sem 8 and Syllabus for sem 1 and Sem 2 for first year.
- 03 HoD/CE has presented Regulation, curriculum & syllabus of a new course M.E. (Environmental Engineering) 2 years PG Programme Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4.
- 04. HoD/IT has presented Regulation, curriculum & syllabus of a new course M.Tech.(Data Sciences) 2 years PG Programme Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4
- 05. HoD/TT has presented Regulation, curriculum & syllabus of a new course M.Tech.(Technology Management) – 2 years PG Programme - Regulations 2018, curriculum and Syllabus for Sem 1 to Sem 4
- 06. HoDs (IT&TT) have presented the UG curriculum & syllabus of 3 to 8 semester of R-2017
- 07. HoD (CSE) has presented the UG curriculum & syllabus of 3 and 4 semester of R-2017
- 08. Amendments made in Regulation-2014 & 2015 presented in the meeting.

The committee approved all the above points.

The meeting ended at 5.00pm.

Chairman, Academic Council / Principal

To

All the members concerned

Copy submitted to the Chairman, for kind information Copy submitted to the Correspondent, for kind information Copy submitted to Joint Correspondent for kind information

KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE - 641 049

Date: 21.02.2018

18th Standing Committee Meeting - Venue B Block Conference Room

Time: 2.30 PM to 4.40 PM

S.N	Name	Dept/Designation	Signature
1	Dr.J.Şenthil	Principal	2. LTG.
2	Dr.M.Ezhilarasi	HoD – E&I	48glip.
3	Dr.K.Sundararaj	HoD - Aero	On 6
4	Dr.N.Saraswathy	HoD – BT	N. M. L.
<i>(</i> 1	Dr.J.Premalatha	HoD –Civil	f. Rud In
6	Dr.P.Devaki	HoD – S&H	Sdeirai.
7	Prof. K. Ram Prakash	HOD-PG-ECE	Kn Mah
8	Dr. S.A.Pasupathy	HOD-UG-ECE	LALLY
9	Dr.Rani Thottungal	HoD-EEE	Lange for
10	Dr.V.Vanitha	HoD - IT	hete
11	Dr.J.Srinivasan	HoD – FT	Thom
12	Dr. P. K. Giridharan	HOD – PG- Mech	m 2
13	Dr.V.Muthukumaran	HoD – UG - Mech	V. Moter_
14	Dr. R. Venkatesan	HOD – MCE	
15	Dr.V.Geetha	HoD – MCA	Copmes
16	Dr. S.John Alexis	HOD -Auto	Sound
17	Dr.Bhaarathi Dhurai	HoD – Textiles	Re.
18	Dr. J.Cynthia	HOD - CSE	& Chlin
19	Mr. V. Vijilesh	OSA	1 July

20	Mr.Mhuthukkumar	Office Admin	
21	Prof. S. Bhaskar	CAE	
22	Mr. K.S. Lakshmanan	AAD	
23	Dr.E.A.Vimal	DCOE	dim
24	Dr. J. Vijay Prakash	DCOE	3/
25	Dr.S.Sreejana	AP - S & H (English)	S' Si
26	Dr. V.R.Nedunchezhian	Prof - MBA	
27	Ms.ValliKala	Student Counselor	D 278
28	Dr.A.Nirmal Kumar	Prof / EEE	2//
29	Dr. R. Manivel	Prof / ME	
30	Prof.C.Vasantharaj	Director - IRI	
30	Do of Mismala	AD-IN EEB	
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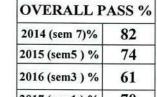
OFFICE OF THE COORDINATOR AUTONOMOUS

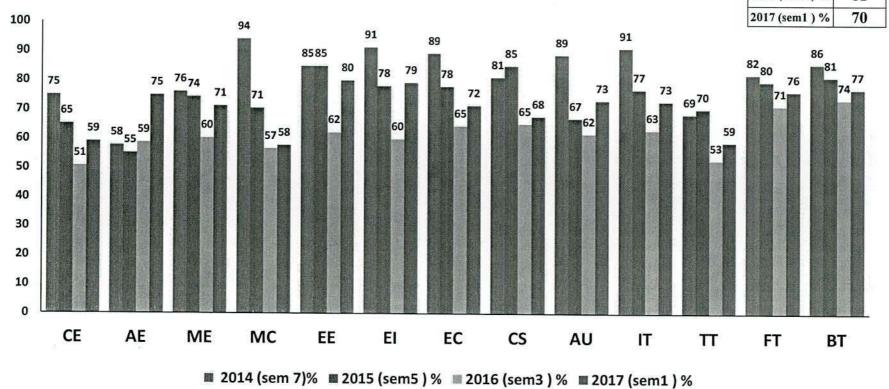
ANNEXURE – III

COPY OF THE POWER POINT PRESENTATION.

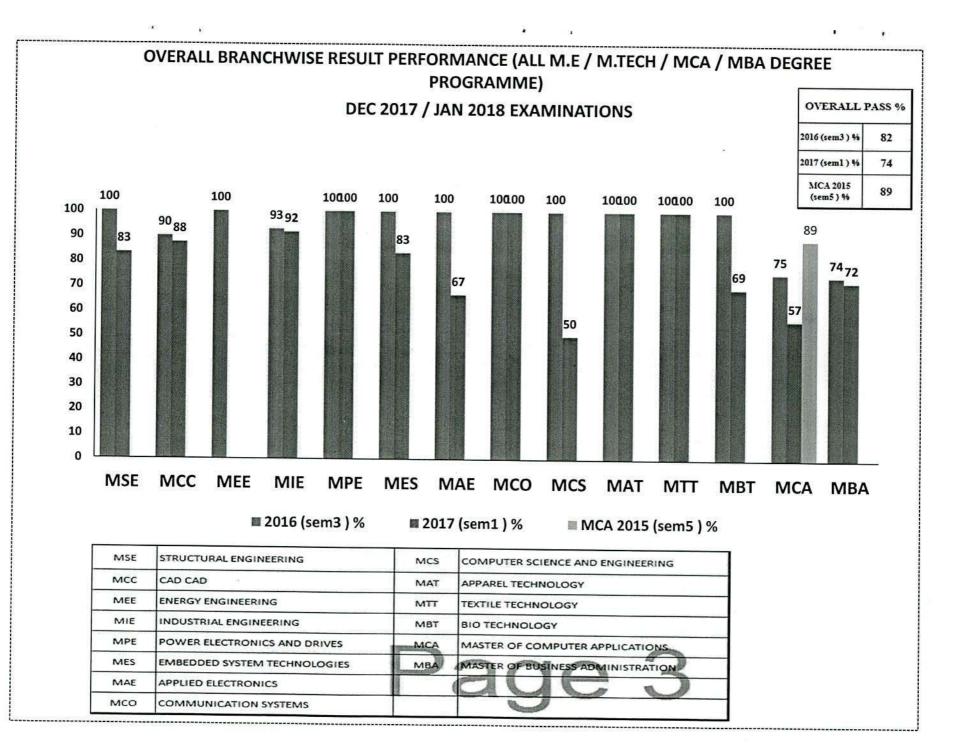
Office of the Coordinator Autonomous

OVERALL BRANCHWISE RESULT PERFORMANCE (ALL B.E / B.TECH PROGRAMME) DEC 2017 / JAN 2018 EXAMINATIONS





CE	B.E. CIVIL ENGINEERING	cs	B.E. COMPUTER SCIENCE AND ENGINEERING
AE	B.E. AERONAUTICAL ENGINEERING	AU	B.E. AUTOMOBILE ENGINEERING
ME	B.E. MECHANICAL ENGINEERING	ΙT	B.TECH. INFORMATION TECHNOLOGY
мс	B.E. MECHATRONICS ENGINEERING	ΤΤ	B.TECH. TEXTILE TECHNOLOGY
EE	B.E. ELECTRICAL AND ELECTRONICS ENGINEERING	FT	B.TECH, FASHION TECHNOLOGY
ΕI	B.E. ELECTRONICS AND INSTRUMENTATION ENGINE	BY	B.TECH, BIO TECHNOLOGY
EC	B.E. ELECTRONICS AND COMMUNICATION ENGINEER	ING	



KUMARAGURU COLLEGE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Regulation 2018 - Curriculum

B.E Information Science and Engineering

		Semest	er I						
S.No	Course Code	Course Title	Course Mode	СТ	L	T	P	J	С
1		Calculus and Linear Algebra	Embedded - Theory & Lab	BS	3	0	2	0	4
2	e	English for Congnizance	Embedded - Theory & Lab	HS	1	0	2	0	2
3		Semiconductor Physics	Embedded - Theory & Lab	BS	3	0	2	0	4
4	U18ISI1201	Problem Solving and Programming - I	Embedded - Theory & Lab	ES	2	0	4	0	4
5		Basic Electrical and Electronics Engineering	Theory	ES	3	0	0	0	3
6		Environmental Science	Theory	MC	2	0	0	0	0
7		Personal Values	Lab	HS	0	0	2	0	1
1				101-	T	otal	Cre	dits	18
			Tota	l Cont	act I	Ioui	rs/w	eek	24

		Semes	ter II						
S.No		Course Title	Course Mode	СТ	L	Т	P	J	C
1		Probability and Statistics	Theory	BS	3	1	0	0	4
2		Language Elective	Embedded - Theory & Lab	HS	1	0	2	0	2
3		Computational Biology	Embedded - Theory & Lab	BS	1	0	2	0	2
4	181	Basic Engineering Laboratory/Engineering Practices Laboratory	Embedded - Theory & Lab	ES	1	0	2	0	2
5	U18ISI2201	Problem Solving and Programming - II	Embedded - Theory & Lab	ES	2	0	4	0	4
6		CAD/Graphics Lab	Lab	ES	0	0	4	0	2
7	U18ISP2302	Computer Hardware Lab	Lab	ES	0	0	2	0	1
8		eRIDE - Social Immersion Project	Lab	EEC	0	0	0	2	2
		Human Excellence-Inter Personal values	Lab	HS	0	0	2	0	1
					T	'otal	Cre	dits	20.0
			Tota	al Cont	act I	Iou	s/w	eek	27

		Semest	er III						
S.No		Course Title	Course Mode	CT	L	T	P	J	С
1		Discrete Mathematics	Theory	BS	3	1	0	0	4
2	U18ISI3201	Data Structures and Algorithms	Embedded - Theory & Lab	PC	3	0	2	0	4
3	U18ISI3202	Object Oriented Programming	Embedded - Theory & Lab	PC	2	0	4	0	4
4	U18ISI3203	Digital and Microprocessor Systems	Embedded - Theory & Lab	ES	3	0	2	0	4
5	U18ISP3304	Data Base Management Systems	Project based course	PC	2	0	0	2	3
6		e-RIDE Elective-I	Self Study	EEC	0	0	0	0	1
7		Human Excellence-Family Values	Lab	HS	0	Ó	2	0	1
		St. Soft Probability			1	otal	Cre	dits	21
			Tota	al Cont	act l	Hou	rs/w	eek	24

		Seme	ster IV	F Ff					
S.No		Course Title	Course Mode	СТ	L	Т	P	J	C
1	U18ISI4201	Data Analytics	Embedded - Theory & Lab	PC	2	0	2	0	3
2	U18IST4002	Advanced Database Management Systems	Theory	PC	3	0	0	0	3
3	U18ISI4203	Operating Systems	Embedded - Theory & Lab	PC	3	0	2	0	4
4	U18IST4004	Theory of Computation	Theory	PC	2	1	0	0	3
5	U18IST4005	Computer Architecture	Theory	PC	3	0	0	0	3
6	U18ISP4306	Software Engineering	Project based course	PC	2	0	0	2	3
7		e-RIDE Elective-II	Self study	EEC	0	0	0	0	1
8		Human Excellence- Professional Values	Lab	HS	0	0	2	0	1
- 6		patroposesson contrastantes () a contrastante			7	otal	Cre	dits	21
			Tota	al Cont	act l	Hou	rs/w	eek	22

9		Semest	er V						24
S.No		Course Title	Course Mode	СТ	L	Т	P	J	C
1	U18ISI5201	Computer Networks	Embedded - Theory & Lab	PC	3	0	2	0	4
2	U18IST5002	Statistical Machine Learning	Theory	PC	3	0	0	0	3
3	U18IST5003	Information Theory, Security & Privacy Models	Theory	PC	3	0	0	0	3
4	U18ISP5304	Big Data Technologies	Project based course	PC	2	0	0	2	3
5	%	Programme Elective I	Theory	PE	3	0	0	0	3
6		Open Elective I	Theory	OE	3	0	0	0	3
7		Indian Constitution	Man	MC	2	0	0	0	0
8		e-RIDE Elective-III	Self study	EEC	0	0	0	0	1
9		Human Excellence-Social Values	Lab	HS	0	0	2	0	0
					T	'otal	Cre	dits	20
			Tota	al Cont	act I	Iour	s/w	eek	23

W 354		Semeste	er VI						
S.No		Course Title	Course Mode	CT	L	Т	P	J	C
1	U18ISI6201	Artificial Intelligence and Knowledge Representation	Embedded - Theory & Lab	PC	2	0	2	0	3
2	U18ISI6202	Internet of Things	Embedded - Theory & Lab	PC	2	0	2	0	3
3	U18ISP6303	Data Visualization and Analytics	Project based course	PC	2	0	0	2	3
4		Language Lab	Lab	HS	0	0	2	0	1
5		Programme Elective II	Theory	PE	3	0	0	0	3
6		Open Elective II	Theory	OE	3	0	0	0	3
7		e-RIDE Elective-IV	Self study	EEC	3	0	0	0	3
8		Human Excellence-National Values	Lab	HS	0	0	2	0	0
			-	331	T	'otal	Cre	dits	19
			Tota	al Cont	act I	Hour	s/w	eek	23

		Semest	er VII						li hu
S.No		Course Title	Course Mode	CT	L	Т	P	J	С
1	U18ISI7201	Cloud Computing	Embedded - Theory & Lab	PC	2	0	2	0	3
2		Total Quality Management	Theory	HS	3	0	0	0	3
3		Open Elective III	Theory	OE	3	0	0	0	3
4		Programme Elective III	Theory	PE	3	0	0	0	3
5		Programme Elective IV	Theory	PE	3	0	0	0	3
6		e-RIDE Elective-IV	Self study	EEC	0	0	0	0	1
7		Human Excellence-Global Values	Lab	HS	0	0	2	0	0
8		Solution Engineering (Project phase1)	Project only course	PW	0	0	0	4	2
			-1		1	otal	Cre	dits	18
			Tota	al Cont	act l	Hou	s/w	eek	20

	Semes	ter VIII				Ma.		
S.No	Course Title	Course Mode	СТ	L	Т	P	J	C
1	Programme Elective V	Theory	PE	3	0	0	0	3
2	Programme Elective VI	Theory	PE	3	0	0	0	3
3	Project	Project only Course	PW	0	0	0	20	10
Total Credits						dits	16	
	Total Contact Hours/week						reek	26

Total Credits	153.0

a 30

Programme Elective									
S.No	Course Code	Course Title	Course Mode	ст	L	Т	P	J	C
1.	U18ISE0001	Financial & Business Analytics	Theory	PE	3	0	0	0	3
2.	U18ISE0002	Advanced Data Analytics	Theory	PE	3	0	0	0	3
3.	U18ISE0003	Applied Machine Learning Techniques	Theory	PE	3	0	0	0	3
4.	U18ISE0004	Predictive Data Analytics	Theory	PE	3	0	0	0	3
5.	U18ISE0005	Computational Modelling	Theory	PE	3	0	0	0	3
6.	U18ISE0006	Spatial Data Analytics	Theory	PE	3	0	0	0	3
7.	U18ISE0007	Text Analytics	Theory	PE	3	0	0	0	3
8.	U18ISE0008	Graph and Social Analytics	Theory	PE	3	0	0	0	3
9.	U18ISE0009	Deep Learning for Computer Vision, Speech, and Language	Theory	PE	3	0	0	0	3
10.	U18ISE0010	Internet Technologies	Theory	PE	3	0	0	. 0	3
11.	U18ISE0011	Information Retrieval	Theory	PE	3	0	0	0	3
12.	U18ISE0012	Services Oriented Architecture	Theory	PE	3	0	0	0	3
13.	U18ISE0013	Cognitive Computing	Theory	PE	3	0	0	0	3
14.	U18ISE0014	Software Design Pattern	Theory	PE	3	0	0	0	3
15.	U18ISE0015	Information Security	Theory	PE	3	0	0	0	3

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KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE – 641 049

REGULATIONS 2018 CURRICULUM M.Tech (DATA SCIENCE)



I - IV Semesters

Department of Information Technology

Vision

The Department of Information Technology aspires to transform individuals in pursuit of lifetime learning and service into highly motivated professionals through Educational, Cultural and Professional opportunities.

Mission

- ❖ To provide academic programs that engage, enlighten and empower the students to learn technology through practice, service and outreach
- * To educate the students about social responsibilities and entrepreneurship
- ❖ To encourage research through continuous improvement in infrastructure, curriculum and faculty development in collaboration with industry and institutions

PROGRAM EDUCATIONAL OUTCOMES:

- **PEO1:** Graduates of the program will be employed in industry, government and entrepreneurial endeavours to have a successful professional career.
- PEO2: Graduates of the program will pursue higher education and /or research.
- **PEO3:** Graduates of the program utilize the acquired technical skills and knowledge for the benefit of society.

PROGRAM OUTCOMES

- PO1: Recognize the theoretical foundations and the limits of computing
- PO2: Adapt existing models, techniques, algorithms, data structures, etc. for efficiently solving problems.
- PO3: Design, develop and evaluate new computer based systems for novel applications which meet the desired needs of industry and society.
- PO4: Use advanced computing techniques and tools.
- PO5: Undertake original research at the cutting edge of IT & its related areas.
- **PO6:** Function effectively as individual or a part of a team to accomplish a stated goal.
- PO7: Understand the professional and ethical responsibility.
- PO8: Communicate effectively with a wide range of audience.
- PO9: Learn independently and engage in life-long learning.
- PO10: Understand the impact of IT related solutions in economic, social and environment context.

KUMARAGURU COLLEGE OF TECHNOLOGY

COIMBATORE - 641 049

REGULATIONS 2018

M.Tech (DATA SCIENCE)

CURRICULUM

SEMESTER-I

Course Code	Course Title	Course Mode	L	T	P	J	C
P18ITI1201	Mathematics for Data Science	Theory	3	0	2	0	4
P18ITT1002	Advanced Algorithms	Theory	3	0	0	0	3
P18ITI1203	Data Mining Techniques	Embedded	3	0	4	0	5
P18ITI1204	Data science and Analytics with Python	Embedded	3	0	4	0	5
P18ITT1	Program Elective I	Theory	3	0	0	0	3
P18ITT	Audit course I	Theory	2	0	0	0	0
Total Credits							20
Total Hours p	er week						26

SEMESTER-II

Course Code	Course Title	Course Mode	L	T	P	J	C
P18ITT2005	Machine Learning	Theory	3	0	0	0	3
P18ITT2006	Research Methodology and IPR	Theory	2	0	0	0	2
P18ITI2207	Big Data Technologies	Embedded	3	0	4	0	5
P18ITI23	Program Elective II	Embedded	3	0	0	4	5
P18ITT20	Program Elective III	Theory	3	0	0	0	3
P18ITT	Audit course II	Theory	2	0	0	0	0
Total Credits							18
Total Hours p	er week						24

SEMESTER-III

Course Code	Course Title	Course Type	L	T	P	J	C
P18ITT30	Program Elective IV	Theory	3	0	0	0	3
P18ITT30	Program Elective V	Theory	3	0	0	0	3
P18ITO3008	Interdisciplinary elective courses (Student can take elective from other programs/Open elective/Self study)	Theory	3	0	0	0	3
P18ITP3709	Project Phase I / Industry Project	Project	0	0	12	0	6
Total Credits							15
Total Hours p	er week						21

SEMESTER-IV

Course Code	Course Title	Course Type	L	T	P	J	C
P18ITP4710	Project Phase II	Project	0	0	32	0	16
Total Credits							16
Total Hours per	week			W.			32

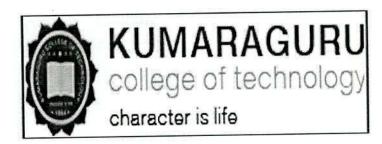
Grand Total Credits: 69

ELECTIVES

Code No.	Course Title	Course Type	L	T	P	J	С
PROGRAM EI	LECTIVE I						(i)
P18ITT1011	Advanced Database Technologies	Theory	3	0	0	0	3
P18ITT1012	Recommender System	Theory	3	0	0	0	3
P18ITT1013	Artificial Intelligence	Theory	3	0	0	0	3
PROGRAM E	LECTIVE II						
P18ITI2314	Data Visualization	Embedded	3	0	0	4	5
P18ITI2315	Streaming Analytics	Embedded	3	0	0	4	5
P18ITI2316	Deep learning	Embedded	3	0	0	4	5
PROGRAM E						44	
P18ITT2017	Natural Language Processing	Theory	3	0	0	0	3
P18ITT2018	Text Mining	Theory	3	0	0	0	3
P18ITT2019	IoT for Data Science	Theory	3	0	. 0	0	3
PROGRAM E	LECTIVE IV						
P18ITT3020	Cloud computing	Theory	3	0	0	0	3
P18ITT3021	Big Data Security	Theory	3	0	0	0	3
PROGRAM E						,	
P18ITT3022	Reinforcement learning	Theory	3	0	0	0	3
P18ITT3023	Social Media Analytics	Theory	3	0	0	0	3

AUDIT COURSES

Course Title	Course Type	L	T	P	J	C
English for Research Paper Writing	Theory	2	0	0	0	0
Value Education	Theory	2	0	0	0	0
Constitution of India	Theory	2	0	0	0	0
Pedagogy Studies	Theory	2	0	0	0	0
Stress Management by Yoga	Theory	2	0	0	0	0



M.TECH –MASTER OF TECHNOLOGY MANAGEMENT 15th BOARD OF STUDIES MEETING

Department of Textile Technology

DATE: 8-2-2018

Program Educational Objectives:

- 1. Graduates will be professionals, who would evaluate, deploy and manage technology in organizations
- Graduates will be mid to higher level management professionals with responsibilities in engineering management, data analysis, information technology, business operations, textile production, or health care management
- 3. Graduates will be professionals in leading research and development operations in technical enterprises
- Graduates would function as educators or researchers in academic institutions

Program Outcomes:

Upon completion of M.Tech (Technology Management) program, the student will be able to:

- Apply skills and competencies in technology and management and manage engineering and business organizations
- 2. Work with interdisciplinary teams involving engineers, managers and technical professionals
- 3. Work as technical or managerial professionals in specialized areas such as data analysis, engineering management, information technology,

- business operations, textile or apparel production operations or healthcare management
- Take the lead in establishing complex engineering systems, managing research and development operations or undertaking major management projects for industry
- 5. Undertake teaching, higher studies or research in India or overseas.

CURRICULAM AND SYLLABUS

30				SE	ME	STER I					
SI	Course	Course name	1181	Cre	edite	S	Contact	Mar	ks	Total	Exam
No.	code		L	T	Р	Total	Hours per week	CAM	ESE		duration in hrs.
1		Mathematics and Statistical Concepts	2	1	•	3	3	50	50	100	3
2		Business Operations and Strategy	2	1		3	3	50	50	100	3
3		Engineering Economics	2	1	84	3	3	50	50	100	3
4		Professional Elective - 1	2	1	2	3	3	50	50	100	3
5		Professional Elective - 2	2	1	-	3	3	50	50	100	3
6		Open Elective - 1	2	1	20	3	3	50	50	100	3
	Total					18	18	100	*	600	
2	1			SI	EME	STER I	II	20000 PMC			
SI	Course	Course name		С	redi	its	Contact	Ma	ırks	Total	Exam duratio
No.	code		L	Т	P	Total	Hours per week	CAM	ESE		in hrs.
1	3 *** IT 30 - U.H. 2	Concepts in Business Analytics	2	1	-	3	3	50	50	100	3
2		Concepts in Technology Management	2	1	-	3	3	50	50	100	3
3		Project Management	2	1	-	3	3	50	50	100	3
4		Professional Elective - 3	2	1	-	3	3	50	50	100	3
5		Open Elective - 2	2	1	-	3	3	50	50	100	3
-		Open Elective - 3	2	1	-	3	3	50	50	100	3
6		52								600	

			SL	JMM	IER I	NTERN	ISHIP				
SI	Course	Course name		С	redit	ts	Contact	Ma	rks	Total	Exam
No.	code		L	Т	P	Total	Hours per week	CAM	ESE		duration in hrs.
1		Capstone / KCT – CBE Internship	0	0	12	6	3	100	-3 ×	100	•
	l	Total Credits				6	3			100	

.

				SE	MES	STER II	I				
SI	Course	Course name		С	redi	ts	Contact	Mai	rks	Total	Exam
No.	code		L	Т	Р	Total	Hours per week	CAM	ESE		duration in hrs.
1		Capstone: Industry / International Internship - 1	0	0	24	12	3	100	-	100	-8
		Total Credits			1	12	3	- 23	100	100	in the second

				SI	EME	STER IV	I				
SI	Course	Course name		С	redi	ts	Contact	Mai	rks	Total	Exam
No.	code		L	Т	P	Total	Hours per week	CAM	ESE		duration in hrs.
1		Capstone: Industry / International Internship - 1	0	0	24	12	3	100	100	200	3
		Total Credits				12	3			200	

PROFESSIONAL ELECTIVES/CONCENTRAION

TextileTed	chnology	
Course Code	Course	Credits
	Management of Textile Production	3 credits
	Apparel Production	3 credits
	Apparel Technology Management	3 credits

Business I	Management	
Course Code	Course	Credits
	Human Capital Management	3 credits
	Materials Management	3 credits
	Engineering Finance	3 credits

Data Ana	lytics	
Course Code	Course	Credits
8	Programming for Data Analysis	3 credits
	Machine Learning and Applications	3 credits
	Data and Visual Analytics	3 credits

Engineering Management		
Course Code	Course	credits
	Manufacturing Enterprise	3 credits
	Quality Management	3 credits
	Supply Chain Management	3 credits

.Informati	on Technology	
Course Code	Course	credits
	Advanced Concepts in Cloud computing	3 credits
	Concepts in Cyber Security	3 credits
	Projects in Software Engineering	3 credits

Group 6: Health I	Group 6: Health Informatics and Management	
Group Courses		-
Healt	hcare Systems	3 credits
Healt	h Informatics	3 credits
Adva	nced Health Systems Management	3 credits

84 (193)

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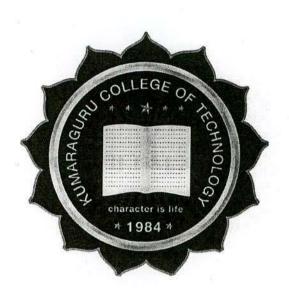
Proposed

SEMESTER	CREDITS
Professional core	18
Professional Electives	9
Open electives	9
Summer internship	06
Internship	12
Project	12
TOTAL	66

Category of courses	Credit %	Credits
Professional core	50-55%	30-33
Professional electives	10-15%	6-9
Open electives	10%	6
Project work/ Prototyping/ Study abroad	25%	15
Total		60 credits

KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE – 641 049

REGULATION 2018 CURRICULUM & SYLLABI M.E. ENVIRONMENTAL ENGINEERING



I TO IV SEMESTER

DEPARTMENT OF CIVIL ENGINEERING

KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE – 641 049 REGUALTION 2018

M.E. ENVIRONMENTAL ENGINEERING CURRICULUM (I TO IV SEMESTER)

		Semester – I				·
	Course		Teach	ing Scher	ne	Credits
Sr.No.	type/Code	Course name	Th	Tuto	Lab	Credits
1	Core 1/ P18EET101	Statistical Methods for Environmental Engineers	3	0	0	3
2	Core 2/ P18EET102	Environmental Chemistry & Microbiology	3	0	0	3
3	Program Elective – I	Elective – I 1. Transport of Water and Wastewater 2. Urban and rural sanitation 3. Environmental Policies and Legislations 4. Environmental Toxicology and Health	3	0	0	3
4	Program Elective – II	Elective – II 1. Surface Water Quality Modeling & Control 2. Environmental Analysis: Techniques and instrumentation 3. Environmental Impact Assessment 4. Sustainable Engineering Concepts and Life cycle Analysis	3	0	0	3
5	Core Lab I/ P18EEP111	Environmental Chemistry & microbiology laboratory	0	0	2	1
6	Core Lab II/ P18EEP112	Unit operations Laboratory	0	0	2	1
7	MLC	Research Methodology and IPR	2	0	0	2
8	Audit I	Audit course	2	0	0	2
		Total	16	Ó	4	18

		Semester – II	Teachi	ng Schem	e	G 1'4-
Sr.No.	Course	Course name	Th	Tuto	Lab	Credits
W290-014-01-01-01-01-01-01-01-01-01-01-01-01-01-	type/Code	Biological treatment of		0	0	3
1	Core III/ P18EET201	wastewater	3	0	0	3
	Core IV/	Air and Noise Pollution Control	3	0	0	3
2	P18EET202	*	3	0		
3	Program Elective – III	Elective – III 1. Environmental systems modeling 2. Industrial Wastewater treatment 3. Ecology and Environmental quality management 4. Waste to energy conversion	3	0	0	3
4	Program Elective – IV	Elective – IV 1. Remote sensing and GIS for environmental planning and management 2. Geoenvironmental Engineering 3. Advanced wastewater treatment techniques 4. Occupational Health and safety 5. Environmental Engineering structures	3	0	0	3
5	Core Lab III/ P18EEP211	Soft Computing & modeling lab	0	0	2	1
6	Core Lab IV/ P18EEP212	Laboratory quality analysis of Air and Noise pollution	0	0	2	1
7	Core / P18EEP221	Mini Project	0	0	4	2
8	Audit 2	Audit course – 2	2	0	0	2
		Total	14	0	8	18
						-
		Semester – III	Tooch	ing Sche	me	Credit
Sr.No.	Course	Course name	Th	Tuto	Lab	Citan
	type/Code	Elective – V	<u>, , , , , , , , , , , , , , , , , ,</u>	Tuto	240	
1	Program Elective – V	Cleaner Production and Environmental Auditing Groundwater Flow &	3	0	0	3

		water and wastewater Treatment				
2	Open Elective	Open Elective 1. Climate change and adaptation 2. Renewable energy 3. Big data analysis 4. Introduction to soft computing	3	0	0	3
3		Industrial training/Internship – 2 weeks (end of II semester holidays)	-	•	-	1
	Dissertation/ P18EEP321	Dissertation – I	0	0	20	10
	T TOBEL SET	Total	6	0	0	17
		Semester – IV				
Sr.No.	Course type/Code	Course name	Teach	ing Scher	ne	Credits
	typercode		Th	Tuto	Lab	
1	Dissertation/ P18EEP321	Dissertation – II	0	0	32	16
	1	Total				16

Total credits = (18+ 18+17+16) = 69



LIST OF PROFESSIONAL ELECTIVES

COURSE CODE	COURSE NAME
COCKED COLL	ELECTIVE - I
P18EEE111	Transport of water and waste water
P18EEE112	Urban and Rural Sanitation
P18EEE113	Environmental Policies and Legislations
P18EEE114	Environmental Toxicology and Health
	ELECTIVE – II
P18EEE115	Surface Water Quality Modeling & Control
P18EEE116	Environmental Analysis: Techniques and instrumentation
P18EEE117	Environmental Impact Assessment
P18EEE118	Sustainable Engineering Concepts And Life Cycle Analysis
• • • • • • • • • • • • • • • • • • • •	ELECTIVE - III
P18EEE211	Environmental systems modeling
P18EEE212	Industrial Wastewater treatment
P18EEE213	Ecology and Environmental quality management
P18EEE214	Waste to Energy Conversion
	ELECTIVE – IV
P18EEE215	Remote sensing and GIS for environmental planning and management
P18EEE216	Geo-Environmental Engineering
P18EEE217	Advanced wastewater treatment techniques
P18EEE218	Occupational Health and safety
P18EEE219	Environmental Engineering structures
TTOBBBBB	ELECTIVE - V
P18EEE311	Cleaner Production and Environmental Auditing
P18EEE312	Groundwater Flow &Contaminant Transport through
P18EEE313	Solid and Hazardous waste management
P18EEE314	Membrane Technologies for water and wastewater treatment
	OPEN ELECTIVE
P18EEE315	Climate change and adaptation
P18EEE316	Renewable energy
P18EEE317	Big Data Technologies
P18EEE318	Introduction to Soft Computing

Audit course 1 & 2

- 1. English for research paper writing
- 2. Disaster management
- 3. Sanskrit for Technical knowledge
- 4. Value addition
- 5. Constitution of India
- 6. Pedagogy studies
- 7. Stress Management by Yoga
- 8. Personality Development through Life Enlightenment skills



Office of the Coordinator Autonomous

April 11, 2018

Minutes of the 16th Meeting of Academic Council of the Autonomous Body

The 16th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 11.04.2018 from 11.00 a.m. to 04.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

Prof. & HOD / EIE

The following members were present for the meeting.

Dr.M.Ezhilarasi

1 11	e following members were present for the meeting.	
1.	Dr. J. Senthil	Chairman-Academic Council / Principal
2.	Dr. K. Sundararaj	HOD / AERO
3.	Dr. S. John Alexis	Prof & HOD / AUTO
4.	Dr. N. Saraswathy	HOD / BT
5.	Dr. N. Ramsundaram	HOD(i/c) / Civil
6.	Dr. J. Cynthia	HOD / CSE
7.	Dr. K. Malarvizhi	Prof. & HOD / EEE
8.	Dr.S.A.Pasupathy	Prof. & HOD / ECE

10. Mr. K.Prabu	HOD(i/c) / FT
11. Dr. V. Vanitha	HOD / IT
12. Dr. C. Velmurugan	Prof. & HOD / ME
13. Dr. R.Venkatesan	Prof. & HOD / MCE

14. Dr.Vijila Kennedy	Director / MBA
15. Dr. M. Manikantan	HOD(i/c) / MCA
16. Dr.J.Srinivasan	Prof. & HOD / TXT
17. Dr.P.Devaki	Prof. & HOD/ S&H
18 Dr.R.Manivel	Prof. Mech. (Profi/c. R&D)

19. Dr. Mary Cherian	Prof & Head, Academic Operations, DoA
20. Dr.J.Vijay Prakash	Deputy Controller of Examinations
21. Dr. E. A. Vimal	Deputy Controller of Examinations

22. Dr.Vinohar Stephen Rapheal Head, Academic Innovations, DoA (Member Secretary)

Members Nominated by Anna University:

23. Dr.M.Meenakshi Professor, Department of Electronics and

Communication Engineering, CEG Campus,

Anna University, Chennai.

24. Dr.T. Senthilkumar Dean, Department of Automobile Engineering

Bharathidasan Institute of Technology (BIT Campus),

Anna University, Tiruchirappalli.

25. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University

Chennai.

Members nominated by KCT:

26. Mr.R.Ramesh

Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Coimbatore.

01. Welcome Address

Dr. Vinohar Stephen Rapheal, Head, Academic Innovations, DoA (Member Secretary) KCT, welcomed the members to the 16th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - Refer Annexure I

- a. Minutes of the 15th Academic Council meeting held on 23.02.2018.
- b. Minutes of the 19th Standing Committee meeting held on 10.04.2018.
- c. Newly inducted members to the Academic Council.

03. Regulation and Amendments:

- a. Dr.J. Senthil, Principal, KCT and Chairman Academic council presented the Regulation 2018 of U.G(B.E/B.Tech) & P.G(M.E/M.Tech/MCA) programmes to the members and were approved Refer Annexure II
- b. Amendments' made in R-2014, R-2015 and R-2017 of UG & PG programmes were presented to the members and were approved Refer Annexure III.

04. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semester 1 and 2

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 1 and semester 2 of Regulation-2018 for 14 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		The academic council
2	Automobile Engineering		granted approval for the
3	Biotechnology		curriculum and syllabus
4	Civil Engineering		for UG (BE / B.Tech) and
5	Computer Science & Engineering		detailed syllabi for
6	Information Science & Engineering		semester 1 and semester 2
7	Electrical & Electronics Engineering	Semester 1	of Regulation-2018 for 14
8	Electronics & Communication Engineering	and	U.G programmes:
9	Electronics & Instrumentation Engineering	Semester 2	-Refer Annexure-IV
10	Fashion Technology		
11	Information Technology		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

05. Approval of Curriculum & Syllabus for Regulation 2017 UG (BE/BTech) for semester 3 and 8

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 3 and semester 4 of Regulation-2017 for 13 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering	And a Color Anna Color and Artificial and all and	The academic council
2	Automobile Engineering		granted approval for the
3	Biotechnology		curriculum and syllabus
4	Civil Engineering		for UG (BE / B.Tech) and
5	Computer Science & Engineering		detailed syllabi for
6	Electrical & Electronics Engineering	Semester 3	semester 3 and semester
7	Electronics & Communication Engineering	and	4 of Regulation-2017 for
8	Electronics & Instrumentation Engineering	Semester 4	13 U.G programmes
9	Fashion Technology		-Refer Annexure-V
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

06. Approval of MCA- Regulations 2018 & Amendments in Regulations -2017

The HoD of MCA presented the

- Amendments in Regulation -2017
- Curriculum and detailed syllabi for semester 3 to semester 6 of R17
- Curriculum and syllabi for semester 1 to semester 6 of R18.

Sl.No.	Programme	Approval
I.	MCA	The academic council granted approval for Amendments in the Regulation - 2017, curriculum and detailed syllabi for semester 3 to semester 6 of R17 and Curriculum & syllabi for semester 1 to semester 6 of R18Refer Annexure-VI

07. Approval of Amendments made in Regulation-2017 of MBA, Curriculum & Syllabi of R-2017 for semester 1 to 4

The Director MBA presented the Amendments' made in Regulation-2017, curriculum and syllabus for MBA – R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval
1.	MBA	The academic council granted approval for the Amendments made in Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-VII

08. Approval of Curriculum & Syllabus for Regulation 2018 PG (ME/MTech) for semester 1 to 4

The Heads of the departments presented the curriculum and syllabus for PG (ME / M.Tech) – curriculum for semester 1 to semester 4 and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Structural Engineering		турготы
2	Environmental Engineering		1
3	Industrial Engineering		The academic council
4	CAD/CAM		granted approval for the
5	Computer Science and Engineering		curriculum and syllabus
6	Power Electronics and Drives	Semester 1	for PG (ME / M.Tech)
7	Embedded Systems and Technologies	to	curriculum for semester 1
8	Communication Systems	Semester 4	to semester 4 and syllabi
9	Applied Electronics		for sem 1 to sem 4 of
10	Apparel Technology		Regulation-2018 for 13
11	Data Sciences		PG programmes -refer
12	Bio Technology		Annexure-VIII
13	Technology Management		

09. Any other matter with the permission of the Chair:-

NIL

10. Suggestion by the external members of the Academic Council:-

List attached

11. Vote of Thanks

Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Approved by

<u>Signature</u>

Dr. J. Senthil	Chairman - Academic Council / , Principal	J. Lithil 11/04/2018.
Nominee of Anna University		
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	Me na L 114/2018.
Dr.T. Senthilkumar	Dean, Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus), Anna University, Tiruchirappalli.	(1, Somoto dang
Dr.N.Nachimuthu	Professor	X. Xat 6 jmm= 3 11/04/2018
Expert Nominated by Gover	ning Body	N
Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, Coimbatore	Bhili

The meeting came to an end at 4.15 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information



10. Suggestions by Anna University nominees and Experts of the KCT Academic Council:-

- Members were happy to note that overall UG and PG programs were well designed and courses were balanced.
- Members also expressed programming aspects should not stop with 2 courses, should be part of / embedded in a few courses in later semesters so it will be useful for placements.

A COMBATORE GALLER

Principal / Chairman Academic Council



Office of the Coordinator Autonomous

Academic Council

16th Meeting held on 11.04.2018 at 11 a.m. at Kumaraguru College of Technology campus

Date:11.04.2018

Members

Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	D. Lethin
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering.	ar 6
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	Bound
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	N. hell
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	Rumsundrum
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering	1.600
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	Cropson
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	LALLEY
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	of Eglipa
10	Dr.Vijila E Kennedy	Director,MBA	Chin
11	Dr. M. Manikantan	HOD(i/c) / MCA	M. Martine.
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	C. Ve/mongan
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	R. Welter
14	Mr. K.Prabu	HOD(i/c) / Fashion Technology	Month
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	hills
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	S. Dunau.
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	Tham

18	Dr.J.Vijay Prakash	Deputy Controller of Examinations	5
	ers of the college representi ty of service in the College	ing different categories of teaching staff by	y rotation on the basis of
19	Dr.R.Manivel	Prof. Mech. (Profi/c. R&D)	Maure
20	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	naughnan
21	Dr. E. A. Vimal	DCoE & Associate Professor/ Department of Computer Science & Engineering	Lung
	s nominated by the Governi erce, Law, Education, Medic	ng Body from outside the college representi ine, Engineering, etc.,	ng such areas as Industry,
22	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Absent
23	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Absent
24	Mr.R.Ramesh (KCT Alumni – 84-88 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	6
25	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Albsent
26	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	Absent
Nomin	ee of the University		
27	Dr.M.Meenakshi	Professor Department of Electronics and CommunicationEngineering, CEG Campus Anna University, Chennai- 600 025	y Luca L
28	Dr.T.Senthilkumar	Dean Department of Automobile Engineering Bharathidasan Institute of Technology (BIT Campus),Anna University, Tiruchirappalli – 620 024.	(1.800) ton dung

29	Dr.N.Nachimuthu	Professor Department of Rubber and Plastics Technology (MIT Campus), Anna University, Chennai – 600 044	X. Ant 6 mm 2 114/18
Facult	y member nominated by t	he Principal (Member Secretary)	
30	Dr. Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA	Dhylislis





(An Autonomous Institution affiliated to Anna University, Chennai)

OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE - I

01. AGENDA OF THE 16TH ACADEMIC COUNCIL

MEETING NOTICE CIRCULATED TO MEMBERS.

Office of the Coordinator Autonomous



An Autonomous Institution Established in 1984 Affiliated to niversity Chennal Approved by AICTE, New Delhi Accredited by NAAC]

Date: 02.04.2018

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 16th Meeting of the Academic Council of Academic Autonomy - reg.

We wish to inform that the 16th Academic Council of Academic Autonomy of Kumaraguru College of Technology, Coimbatore, is scheduled to be held at 11.00 am on Wednesday the 11th April 2018 at the committee Room of Dr. Mahalingam Vigyan Bhavan.

AGENDA OF THE MEETING

- 1) Approval of the minutes of the Standing Committee meeting
- 2) Approval of R- 2017 Curriculum for 3 to 8 semester (Syllabus for 3 and 4 semester) for all UG programmes.
- 3) Approval of R-2017 Curriculum & Syllabi for 3 to 6 semester of MCA programmes
- 4) Approval of BE/BTech/ME/MTech and MCA Regulations -2018
- 5) Approval of R-2018 Curriculum and Syllabus for 1 and 2 semester for all BE/BTech/ME/MTech programmes
- 6) Approval of R-2018 Curriculum & Syllabi for 1 to 6 semester of MCA programme
- 7) Amendments made in earlier regulations
- 8) Approval of the minutes of the finance committee meeting
- 9) Any other matter with the permission of the Chairman, Academic Council

Kindly make it convenient to attend the meeting as per schedule.

Thanking you

Dr. J. Senthil Principal

(Chairman, Academic Council)

To The members concerned



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06 info @kct.ac.in



coordinator autonomous <coordinator.autonomous@kct.ac.in>

Kumaraguru College of Technology-16th Academic Council meeting- 11th April 2018 (Wed) -reg

7 messages

coordinator autonomous <coordinator.autonomous@kct.ac.in>

Mon, Apr 2, 2018 at 4:20

PM

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 16th Academic Council Meeting on 11th April 2018 (Wed) - reg.

Greetings from KCT !!!

The 16th Academic Council meeting of Kumaraguru College of Technology, Coimbatore-49 has been scheduled on 11th April 2018 (Wednesday).

Please find enclosed the letter for inviting you to attend the meeting and the agenda for the meeting.

Kindly make it convenient to attend the meeting.

Thanking you,

Yours Truly
Dr. J. Senthil
Principal / Chairman-Academic Council



16th ACM Agenda-02042018153158.pdf 360K

Ramesh <ramesh@janatics.co.in>

To: coordinator autonomous <coordinator.autonomous@kct.ac.in>

Mon, Apr 2, 2018 at 6:54 PM

Dear Dr Senthil I would like to confirm that I will attend on 11th as per your email Regards Ramesh

Sent from my iPhone [Quoted text hidden]



(An Autonomous Institution affiliated to Anna University, Chennai)

OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE – II

Enclosed the following copy of the Xerox submitted in the 16th Academic Council Meeting

- 01. Minutes of the 15th meeting of the Academic Council.
- 02. Minutes of the 19thmeeting of the Standing Committee.

Office of the Coordinator Autonomous



(An Autonomous Institution affiliated to Anna University, Chennai)

OFFICE OF THE COORDINATOR AUTONOMOUS

01. Minutes of the 15th

Academic Council

Meeting

Office of the Coordinator Autonomous



Office of the Coordinator Autonomous

February 23, 2018

Minutes of the 15th Meeting of Academic Council of the Autonomous Body

The 15th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 23.02.2018 from 11.00 a.m. to 01.00 p.m. in the Council Room at Dr.Mahalingam Vigyan Bhavan.

The following members were present for the meeting.

Members from KCT:

1. Dr.J.Senthil 2. Dr.K.Sundararaj 3. Dr. S. John Alexis 4. Dr. N. Saraswathy 5. Dr.J.Premalatha 6. Dr. J. Cynthia 7. Dr.Rani Thottungal 8. Dr.S.A.Pasupathy 9. Dr.M.Ezhilarasi 10. Dr.J.Srinivasan 11. Dr. V. Vanitha 12. Dr.V.Muthukumaran 13. Dr. R. Venkatesan 14. Dr. Vijila Kennedy 15. Dr.V. Geetha 16. Dr.Bhaarathi Durai 17. Prof.K.Ramprakash 18. Dr.P.Devaki 19. Dr.R.Manivel 20. Dr.P.K.Giridharan 21. Dr. Mary Cherian 22. Dr.J.Vijay Prakash

Chairman-Academic Council / Principal

HOD / AE

Prof & HOD / AUT

HOD/BT

Prof. & HOD / Civil

HOD / CSE

Prof. & HOD / EEE Prof. & HOD / ECE Prof. & HOD / EIE

Prof. & HOD / FT

HOD / IT

Prof. & HOD / ME
Prof. & HOD / MCE
Director / MBA
Prof. & HOD / MCA
Prof. & HOD / TXT
Prof. i/c of PG / ECE
Prof. & HOD/ S&H

Prof. Mech. (Prof..i/c. R&D)

Prof. i/c of PG / Mechanical Engineering Prof & Head, Academic Operations, DoA

Deputy Controller of Examinations
Deputy Controller of Examinations

Head, Innovation and Planning, DoA (Member

Secretary)

Members Nominated by Anna University:

24. Dr. Vinohar Stephen Rapheal

25. Dr.M.Meenakshi

23. Dr. E. A. Vimal

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai. 26. Dr.N.Nachimuthu

Professor, Department of Rubber and Plastics Technology (MIT Campus), Anna University Chennai.

Members nominated by KCT:

27. Mr.Niranjan.P

Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014

Student representatives (UG/PG):

28. Mr. Arul Pandiyan S - Roll no - 14BAU006	UG Student Representative-IV year AUE
29. Mr. Hari Krishnaa - Roll No-14BMC013	UG Student Representative-IV year MCE
30. Ms. Poonguzhali,- Roll No-14BTT036	UG Student Representative-IV year TXT
31. Ms. Shalini V - Roll No-15MCA036	PG Student Representative- III year MCA

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman - Academic council welcomed the members to the 15th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members /amendments

The following were presented by Dr. J. Vijay Prakash, DCoE & Coordinator Autonomous and were approved by the academic council - Refer Annexure I

- a. Minutes of the 14th Academic Council meeting held on 15.07.2017.
- b. Minutes of the 18th Standing Committee meeting held on 21.02.2018.
- c. Newly inducted members to the Academic Council.

03. Approval of Introduction of New Courses (Academic year 2018-2019 onwards)

- The Head of the Department of Computer Science and Engineering has presented the curriculum and syllabus for 4 years UG Programme B.E. (Information Science and Engineering) of semester 1 and 2 under Regulations 2018.
- The Professor and Head, Department of Civil Engineering has presented the curriculum and syllabus for 2 years PG Programme M.E. (Environmental Engineering) of semester 1 to 4 under Regulations 2018.

- Candidates should have an academic qualification with a B.E./B.Tech in any one of the following streams with minimum of 60 percentage of marks or equivalent CGPA from any one of the recognized Universities in India
 - i. Civil Engineering
 - ii. Environmental Engineering
 - iii. Agricultural and Irrigation Engineering
 - iv. Chemical Engineering
 - v. Geo-informatics Engineering
 - vi. Biotechnology/Industrial Biotechnology
 - vii. Industrial Engineering
 - viii. B.Tech. (Energy and Environmental Engineering) of TamilNadu Agricultural University, Coimbatore.
 - ix. Mechanical Engineering (sponsored candidates from Government organizations)
 - x. Electrical Engineering (with 3 years of relevant experience) (sponsored candidates from Government organizations)
- The Head of the Department of Information Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Data Sciences) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Data Sciences) programme.
- The Professor and Head, Department of Textile Technology has presented the curriculum and syllabus for 2 years PG Programme M.Tech. (Technology Management) of semester 1 to 4 under Regulations 2018.
 - Completion of any U.G programmes(B.E/B.Tech) is eligible for undergoing the M.Tech(Technology Management) programme.

The proposed new programmes mentioned above were approved by the academic council - Refer Annexure - II

04. Approval of Results

Dr. E. A. Vimal, Deputy Controller of Examinations has presented the results for UG and PG courses of Nov/Dec-2017 end semester examinations and the same was approved by the academic council - Refer Annexure - III

05. Any other matter with the permission of the Chair:-

NIL

06.Suggestion by the external members of the Academic Council:-

List attached

07. Vote of Thanks

Dr. Mary Cherian, Prof & Head, Academic Operations, DoA proposed vote of thanks.

Dr. J. Senthil	Chairman - Academic Council / Principal	J. 21/2
Nominee of Anna Universit	y	
Dr.M.Meenakshi	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University, Chennai.	Hurah 23/2/18
Dr.N.Nachimuthu	Professor Department of Rubber and	N. Yort (97 m) 27 23/02/18
Expert Nominated by Gove	rning Body	
Mr.Niranjan.P	Executive Director, Cameron Manufacturing India Pvt Ltd, Coimbatore 641 014	S. Nings

The meeting came to an end at 1.00 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information



06. Suggestions by Anna University nominees and Experts of the KCT Academic Council:

- a. Member suggested introduction of Computer vision as a component of relevant course or as a separate course in B.E (Information Science and Engineering) programme.
- b. Members stressed the growing importance of e-waste and therefore the necessity of introduction of a separate course on E-waste management and related issues in the M.E. (Environmental Engineering) curriculum and syllabus.
- c. In the M. E. (Data Sciences) programme
 - Members suggested inclusion of Artificial intelligence concepts at a level higher than of topics offered at UG level.
 - ✓ Member suggested incorporation of concepts related to 'localization of data' in relevant courses
 - ✓ Members also suggested incorporation of concepts of block chain security and transactions
- d. In the M.Tech (Technology Management) programme
 - ✓ Members advise Inclusion of more number of electives in the each elective tracks, to offer students sufficient choice
 - ✓ Members expressed concern on the probable employment options for the graduates, other than the local textile and engineering industries of the region.
- e. The members also remarked the PG programs are increasingly becoming inter-disciplinary
- f. The members suggested the results henceforth to be compared with earlier years and planned targets to better understand trends.

Coordinator Autonomous

Principal / Chairman Academic Council

J. Liters



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OFFICE OF THE COORDINATOR AUTONOMOUS

02. Minutes of the 19thmeeting of the Standing Committee

Office of the Coordinator Autonomous



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Office of the Coordinator Autonomous

KCT/COE/G-SCM/113/2017-2018

Date: 10.04.2018

Minutes of the meeting of 19th Standing Committee of the Academic Council

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Tuesday, 10th April 2018 at 4.45pm in the Committee room.

The following members were present for the meeting.

Chairman-Academic Council / Principal 1. Dr. J. Senthil 2. Dr. K. Sundararaj HOD / AERO 3. Dr. S. John Alexis Prof & HOD / AUTO HOD/BT Dr. N. Saraswathy 5. Dr. N. Ramsundaram HOD(i/c) / Civil 6. Dr. J. Cynthia HOD / CSE 7. Dr. K. Malarvizhi Prof. & HOD / EEE Prof. & HOD / ECE 8. Dr.S.A.Pasupathy 9. Dr.M.Ezhilarasi Prof. & HOD / EIE 10. Mr. K.Prabu HOD(i/c) / FT 11. Dr. V. Vanitha HOD / IT Prof. & HOD / ME 12. Dr. C. Velmurugan 13. Dr. R. Venkatesan Prof. & HOD / MCE Director / MBA 14. Dr. Vijila Kennedy 15. Dr. M. Manikantan HOD(i/c) / MCA 16. Dr.J.Srinivasan Prof. & HOD / TXT 17. Dr.P.Devaki Prof. & HOD/S&H 18. Dr.R.Manivel Prof. Mech. (Prof..i/c. R&D) 19. Dr. Mary Cherian Prof & Head, Academic Operations, DoA 20. Dr.J.Vijay Prakash Deputy Controller of Examinations 21. Dr. E. A. Vimal **Deputy Controller of Examinations**

The following points were discussed in the meeting:

22. Dr. Vinohar Stephen Rapheal

01. Dr. J. Senthil, Principal presented the CBCS UG-Regulation-2018.

02 All the Head of the Departments have presented curriculum & syllabus for first year UG curriculum & syllabus for sem 1 and sem 2 and curriculum for sem 3 to sem 8 of R-2018.

Secretary)

Head, Innovation and Planning, DoA (Member

- **03** Amendments made in Regulation-2014, 2015 and 2017 of BE/BTech and ME/MTech programme presented in the meeting.
- 04 Amendments made in MBA-Regulation-2017, curriculum and syllabus for sem 1 to sem 4 presented.
- 05. Regulation-2017 curriculum for semester 1 to semester 6 and syllabi for sem 3 to sem 6 and Regulation-2018 of Curriculum and syllabi curriculum for semester 1 to semester 6 and syllabi for sem 1 and sem 2 for MCA programme presented.
- 06. The Heads of the departments presented the curriculum and syllabus for PG (ME / M.Tech) curriculum for semester 1 to semester 4 and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

The committee approved all the above points.

The meeting ended at 8.00pm.

Chairman, Academic Council / Principal

To All the members concerned

Copy submitted to the Co-Chairman, for kind information Copy submitted to the Correspondent, for kind information Copy submitted to Joint Correspondent for kind information





Office of the Coordinator Autonomous

Standing Committee Meeting

19th Standing Committee Meeting held on 10.04.2018 at 4.40 pm. at Kumaraguru College of Technology campus

Date:10.04.2018

Members

Sl.No.	Name of the members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	J. Little
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering	626
03	Dr. S. John Alexis Prof & HOD / Automobile Engineering		Issen A
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	N. Mit
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	Remoundem
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering	1.GV
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	Crises 18
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	Student
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	Jegh A
10	Dr.Vijila E Kennedy	Director,MBA	The state of the s
11	Dr. M. Manikantan	HOD(i/c) / MCA	U. Montgoth
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	C. Velmanison

13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	ic. Well
14	Mr. K.Prabu	HOD(i/c) / Fashion Technology	Trombine
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	hit
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	Tham
18	Dr.J.Vijay Prakash	Deputy Controller of Examinations	2
	ers of the college repres	senting different categories of teaching staff	by rotation on the basis of
19	Dr.R.Manivel	Prof. Mech. (Prof. i/c. R&D)	~
20	Dr. Mary Cherian	Prof & Head, Academic Operations, DoA	manghuan
21	Dr. E. A. Vimal	DCoE & Associate Professor/ Department of Computer Science & Engineering	Const





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OFFICE OF THE COORDINATOR AUTONOMOUS

ANNEXURE – III

COPY OF THE POWER POINT PRESENTATION.

Office of the Coordinator Autonomous

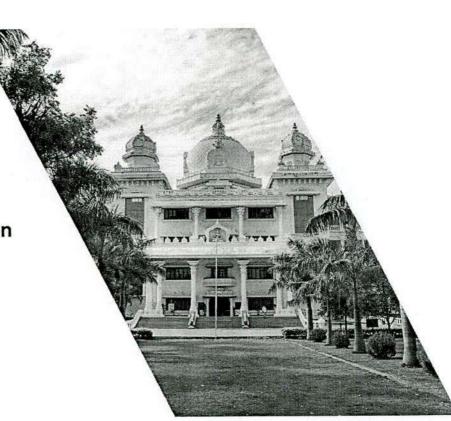




R18 Regulation

Key changes from R17 to R18 Regulation

& Amendments



Department of EIE

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Credit Range	166 to 175 + 2 (Vital Units)	150 to 160
Curriculum Structure	Humanities& Social Sciences (HS): 10-15% Basic Sciences (BS): 15-20% Basic Engineering Sciences (ES): 10-15% Professional Core (PC): 30-40% Professional Electives (PE): 10-15% Project work (PW): 7-15% Employment Enhancement (eRIDE): 5% Open Electives (OE): 5% Vital activities: 1%	HS, BS, PC, PW same as R17; ES, PE, OE modified Engineering Clinics added No vital activities
Open Electives Professional electives	9 credits Upto 18 credits	Upto 6 credits Upto 12 credits
Employment enhancement courses	Upto 9 credits	Mandatory Add-on courses
Minor Specialization	OE component + extra 6 credits Total 15 credits	 9-12 credits beyond minimum credit requirements No history of arrears Separate CGPA for Minors
Honors 11.04.18	Nil	 9-12 credits beyond minimum credit requirements CGPA above 8.0 upto 4th semester & maintain 8.0 until graduation No history of arrears Separate CGPA for Honors course list

Topics	Regulations -	- 17 (R17)Existing	Regulations - 18 (R18)/R17 Amended	
Semester	Regular Semester	Odd & Even (16 to 30 credits, if 30 Credit one 3 Credit course self study)	Same as R17	
Structure & Credit range in a semester	Summer Track (6 weeks)	Introduced	Same as R17	
	Winter Track (3 weeks)	Nil	Introduced	
Winter Track	• CAT I, II & ESE ≥ 75% from start of class		 Who can register? Students with lack of attendance in regular semester Failed in End Semester Examination (ESE) Failed in previous summer/winter track Courses without pre-requisites in the 7th and 8th semester car be registered after the 4th semester when offered in the winter track 	
Attendance Requirement			 CAT I, 1st semester ≥ 60% from date of joining CAT I 2nd to 8th semester, CAT II & ESE ≥ 75% from start of semeste Students having <75% (< 60% first semester) may get a relaxation up to 5% if they submit an assignment specified by the class faculty before the commencement of that specific exam Students having a CGPA of 8.75 and above and with no current backlog courses will be exempted from the minimum attendance requirements 	

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Retest for Missed CAT	Retest after ensuring genuine reasons: • Prolonged hospitalization • Death of immediate family members • NCC/NSS/NSO camps • Representing college in reputed events	 No Retest For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) Rescaling marks is subject to a maximum of 15 % of ESM Rescaling can be for one CAT only
Failed in CAT exams	Nil	 Students scoring <50% in a CAT exam will be permitted to improve their marks by a maximum of 50% of CAT marks by undergoing 'Student Assisted Teaching' Best performing UG/PG students will mentor the failed students Students must complete 4 assignments between the CATs

Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Reappearance Criteria	Once RA grade is obtained in a regular semester, then student has two options:- •The student has to register for the Summer track, re-earn his/her CAM and then appear for the ESE OR •The student can retain the earned CAM during the regular semester, and appear for the ESE for the second time. If he/she fails in the second attempt (1 Regular attempt and 1 Arrear attempt), then the student shall re-register for the course in the Summer track	Student can write an arrear exam along with the ESE or during the Winter/ Summer vacation, conducted as 'Regular Arrear Exam' A minimum grand total of 50 and above marks entitles a fixed minimum 'B' grade (B grade can be improved if the student has high internals) Re-Registering Arrear Courses One arrear attempt, within one year period is permitted Fail in an Arrear or fail to clear arrear in a year needs course re-registration to clear Course re-registration attracts separate payment
CAM:ESM breakup 11.04.18	50:50	60:40

Topics		Regulati	ions – 17 (R17)Existi	ng	Regulations – 18 (R18)				
	Type		R17 passing Requirement		Type		R18 passing Requirement			
			CAM	ESM	TOTAL			CAM	ESM	тота
Passing	Theory Onl	y	No Min	50%	50%	Theory Only		No Min	40%	50%
Criteria	Lab Only		No Min	50%	50%	Lab Only		No Min	50%	50%
	Embedded	Theory	No Min	50%	50%	Embedded	Theory	No Min	40%	50%
		Lab	No Min	50%			Lab	No Min	50%	



Topics	Regulations – 17 (R17)Existing	Regulations – 18 (R18)/Amended R17
Degree completion	Nil	A student who has more than 10 arrears at the end of 8th semester may attend summer track and/or an extra semester and complete the degree requirements



M.E/ M.Tech Regulation 2018



Topics	Regulations – 15 (R15)	Regulations – 18 (R18)
Credit range Embedded courses	65-75 Nil	60-66 Included
Attendance Requirement	 Minimum 80% in theory and lab courses. 10% concession for medical reasons 	 CAT I, semester 1 ≥ 60% from date of joining CAT I semester 2 to 8, CAT II & ESE ≥ 75% from start of semester Students having a CGPA of 8.75 and above and with no current backlog courses will be exempted from the minimum attendance requirements Students having <75% (< 60% first semester) may get a relaxation up to 5% if they submit an assignment specified by the class faculty before the commencement of that specific exam



Topics	Regulations – 15 (R15)	Bernletter 10 (pto)
H. Topics	Regulations – 15 (R15)	Regulations – 18 (R18)
Retest for Missed CAT	One retest is permitted	 No Retest For genuine cases, recommended by DCC, Rescaling of ESE for the missed CAT will be done (Missed CAT mark= ESE X CAT Weightage) Rescaling marks is subject to a maximum of 15 % of ESM Rescaling can be for one CAT only
Failed in CAT exams	Nil	 Students scoring <50% in a CAT exam will be permitted to improve their marks by a maximum of 50% of CAT marks by undergoing 'Student Assisted Teaching' Best performing PG students will mentor the failed students Students must complete 4 assignments between the CATs

MCA Amendments(R17)



EXISTING

CAT2) and end semester examination.

PRESENT

Minimum attendance of 75% in each It is not mandatory to maintain a minimum course will be an eligibility criterion to take attendance of 75% in each course to up continuous assessment tests (CAT1 & appear for continuous assessment tests (CAT1 & CAT2) ,but minimum attendance of 75% in each course will be an eligibility criterion to take up semester examinations.



Amendments in 2015 Regulations



Description	EXISITING	AMENDMENT
Description .	EXISTING	AWENDIVIENT
Shortage of Attendance in Open elective courses	If a student has less than 75 % of attendance in open elective courses, he/she has to reregister & redo the same course	 If a student has < 75 % of attendance in open elective courses, he/she shall re- register for the same or different open elective course when offered next
"RA" Grade in open Elective Courses	He/She has to appear the same course as an "Arrear". CAM gets nullified only after three attempts.	 If a student earns a "RA "grade in Open Elective courses, his/her CAM gets nullified immediately and he/she shall register for the same or different open elective course when offered next. Course Equivalence shall be marked in the grade sheet for the students who earn an "RA" grade and passes in different open elective course



Number of courses and Group presentation				
	EXISITING	AMENDMENT		
Number of courses per semester	Maximum of 10 courses per semester Maximum of 30 credits per semester	Maximum of 30 credits per semester		
Group presentation	Group presentation is mandatory for all the courses from Semester 1 to 8	At least one Group presentation to meet team work requirements		
Practical Examinations	End Semester Practical Exams will be jointly conducted by Internal and External faculty	End Semester Practical Exams will be conducted by Internal Faculty . External Experts will be involved for Capstone Projects		



Description	EXISITING	AMENDMENT
Supplementary Examinations	Supplementary Examinations will be conducted after the publication of the results for the End Semester Examinations	Follow R18 norms
Registration of Arrear courses	Students shall mandatorily register for all the courses	Optional Registration for arrear examinations



CAM Nullifica	ition	
Description	EXISITING	AMENDMENT
CAM Nullification	If a student fails to clear a course in three attempts (one attempt as regular and two attempts as arrears) in a particular course through end semester exams/ supplementary exams, the CAM of that course will cease to be counted from the fourth attempt and the student will be allowed to appear for end semester examination and based on the students performance in the end semester exam alone the result will be declared (that is, the student has to score a minimum of 50 out of 100 in the end semester exam for being declared to have passed in that	Follow R18 Norms
	course).	



Completion of Degree	以表情状态的	
Description	EXISITING	AMENDMENT
Completion of Degree	Nil	A student who has more than 10 arrears at the end of 8th semester may attend summer track and/or an extra semester and complete the degree requirements

MBA Program Amendments in R-17

Amendment passed in the Board of Studies held on April 4, 2018

Amendment 1

Existing 5.8.1 Grades and grade Points.

Range of Marks	Grade	Grade Points (GP)
100 - 90	O (Outstanding)	10
89 - 80	A+ (Excellent)	9
79 - 70	A (Very Good)	8
69 - 60	B+ (Good)	7
59 - 50	B (Average)	6
< 50	RA (Fail)	0
Absent	AB	0
Withdrawal from examination	W	

8. Classification and Award of Degree

First class

- a) Passing of the examinations of all the courses in all four semesters within a maximum of four semesters
- b) CGPA > 6.5
- c) Authorized break of study and authorized withdrawal is permissible.
 11.04.18

Proposed

5.8.1 Grades and grade Points.

Range of Marks	Grade	Grade Points (GP)
91- 100	O (Outstanding)	10
81 - 90	A+ (Excellent)	9
71 - 80	A (Very Good)	8
61 - 70	B+ (Good)	7
50 – 60	B (Average)	6
< 50	RA (Reappearance)	0
Shortage of Attendance	SA	
Absent	RA-AB (Reappearance due to Absence)	0
Withdrawal from examination	W	0

8. Classification and Award of Degree

First class

- a) Passing of the examinations of all the courses in all four semesters within a maximum of four semesters
- b) CGPA > 7.0
- c) Authorized break of study and authorized withdrawal is permissible.



Amendment 2

Amendment in R-17 of MBA

Course Type	Course Title	Credits	Course Title	Credits	Course Title	Credits
Core	Business Ethics	3	Business Ethics	3	Business Ethics	3
Field Experience	Social Immersion Project	2	Social Immersion Project	2	Courses or Industry Research	9
Concentration	Concentration 6	4	Courses or Business Research	7	Project	
Core	Profes Deve 4	1	Project			
Interdisciplina ry	Open Elective 3	1				
Interdisciplina ry	Open Elective 4	1				
and the second	Total	12		12		12





Office of the Coordinator Autonomous

April 15, 2019

Minutes of the 17th Meeting of Academic Council of the Autonomous Body

The 17th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on April 15, 2019 from 11.00 a.m. to 04.00 p.m. in the LC Room at Dr.Mahalingam Vigyan Bhavan, KCT, Campus.

17. Dr.P.Devaki

22. Dr. Vinohar Stephen Rapheal

The	The following members were present for the meeting.				
1.	Dr. J. Senthil	Chairman-Academic Council / Principal			
2.	Dr. K. Sundararaj	Prof & HOD / AERO			
3.	Dr. S. John Alexis	Prof & HOD / AUTO			
4.	Dr. N. Saraswathy	Prof & HOD / BT			
5.	Dr. N. Ramsundaram	Prof & HOD(i/c) / Civil			
6.	Dr. J. Cynthia	Prof & HOD / CSE			
7.	Dr. K. Malarvizhi	Prof. & HOD / EEE			
8.	Dr.S.A.Pasupathy	Prof. & HOD / ECE			
9.	Dr.M.Ezhilarasi	Prof. & HOD / EIE			
10.	Dr. G.Ramakrishnan	Prof & HOD(i/c) / FT			
11.	Dr. V. Vanitha	Prof & HOD / IT			
12.	Dr. C. Velmurugan	Prof. & HOD / ME			
13.	Dr. R.Venkatesan	Prof. & HOD / MCE			
14.	Dr. V. Nedunchezhian	Prof & HOD(i/c) / MBA			
15.	Dr. M. Manikantan	HOD(i/c) / MCA			
16.	Dr.J.Srinivasan	Prof. & HOD / TXT			

Prof. Mech. (Prof..i/c. R&D) 18. Dr.R.Manivel 19. Dr. C. S. Sentthil Kumar Head - Autonomous / Asso. Prof. / FT Deputy Controller of Examinations 20. Dr.J.Vijay Prakash 21. Dr. E. A. Vimal Deputy Controller of Examinations

Head, Academic Innovations, DoA (Member

Secretary)

Prof. & HOD/ S&H

Members Nominated by Anna University:

23. Dr. M. A. Bhagyaveni

Professor, Department of Electronics and Communication Engineering, CEG Campus, Anna University, Chennai.

24. Dr. M. Muttharam

Professor, Department of Civil Engineering, CEG Campus, Anna University, Chennai.

01. Welcome Address

Dr.J. Senthil, Principal, KCT and Chairman – Academic council, welcomed the members to the 17th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / new members

The following were presented by Dr. C. S. Sentthil Kumar, Head Autonomous and were approved by the academic council - Refer Annexure I

- a. Minutes of the 16th Academic Council meeting held on 11.04.2018.
- b. Minutes of the 20th Standing Committee meeting held on 12.04.2019.
- c. Newly inducted members to the Academic Council.

03. Regulation and Amendments:

a. Dr. Vinohar Stephen Rapheal, Head, Innovation and Planning, DoA presented the Amendments' made in R-2015, R-2017 and R-2018 of UG & PG programmes were presented to the members and were approved - Refer Annexure II

04. Approval of Curriculum & Syllabus for Regulation 2017 UG (B.E/B.Tech) for semester 5 to 8

The Heads of the departments presented the curriculum and syllabus for UG (BE / B.Tech) and detailed syllabi for semester 5 to semester 8 of Regulation-2017 for 13 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		The academic council
2	Automobile Engineering		granted approval for the
3	Biotechnology		curriculum and syllabus
4	Civil Engineering		for UG (BE / B.Tech) and
5	Computer Science & Engineering		detailed syllabi for
6	lectrical & Electronics Engineering	Semester 5	semester 5 to semester 8
7	Electronics & Communication Engineering	To	of Regulation-2017 for 13
8	Electronics & Instrumentation Engineering	Semester 8	U.G programmes:
9	Fashion Technology		-Refer Annexure-III
10	Information Technology		
11	Mechanical Engineering		
12	Mechatronics Engineering		
13	Textile Technology		

05. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semester 3 to 6

The Heads of the departments presented the curriculum and syllabus for UG (B.E / B.Tech) and detailed syllabi for semester 3 to semester 6 of Regulation-2018 for 14 U.G programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		The academic council
2	Automobile Engineering		granted approval for the
3	Biotechnology		curriculum and syllabus
4	Civil Engineering		for UG (BE / B.Tech) and
5	Computer Science & Engineering		detailed syllabi for
6	Information Science and Engineering	Composton 2	semester 3 to semester 6 of Regulation-2018 for 14 U.G programmes
7	Electrical & Electronics Engineering	Semester 3 To	
8	Electronics & Communication Engineering	Semester 6	
9	Electronics & Instrumentation Engineering	Semester 0	-Refer Annexure-IV
10	Fashion Technology		
11	Information Technology		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

06. Approval of MCA- Regulations 2018

The HoD of MCA presented the Curriculum and detailed syllabi for semester 3 to semester 6 of Regulation 2018

Sl.No.	Programme	Approval		
1.	MCA	The academic council granted approval for detailed syllabi of semester 3 to semester 6 of Regulation 2018 -Refer Annexure-V		

07. Approval of Amendments made in Regulation-2017 of MBA, Curriculum & Syllabi of R-2017 for semesters 1 to 4

The Director MBA presented the Amendments' made in Regulation-2017, curriculum and syllabus for MBA – R17 (semester 1 to semester 4):

Sl.No.	Programme	Approval	
1.	MBA	The academic council granted approval for the Amendments made in Regulation-2017, curriculum and syllabus (semester 1 to semester 4) for MBA programme of R17-refer Annexure-VI	

08. Approval of Amendments made in Curriculum & Syllabus for Regulation 2018 PG (M.E/M.Tech) for semester 1 to 4

The Heads of the departments presented the Amendments made in curriculum and syllabus for **PG** (M.E / M.Tech) – curriculum and syllabi for sem 1 to sem 4 of Regulation-2018 for 13 PG programmes:

Sl.No.	Programme	Semesters	Approval	
1	Structural Engineering			
2	Environmental Engineering			
3	Industrial Engineering		The academic council	
4	CAD / CAM		granted approval for the	
5	Computer Science and Engineering		Amendments made in curriculum and syllabus for PG (ME / M.Tech) sem 1 to sem 4 of Regulation-2018 for 13 PG programmes -refer Annexure-VII	
6	Power Electronics and Drives	Semester 1 and Semester 4		
7	Embedded Systems and Technologies			
8	Communication Systems			
9	Applied Electronics			
10	Apparel Technology			
11	Data Sciences			
12	Bio Technology			
13	Technology Management			

09. Any other matter with the permission of the Chair:-

NIL

10. Suggestion by the external members of the Academic Council:-

List attached

11. Vote of Thanks

Approved by

Dr. C. Sentthil Kumar, Head –Autonomous proposed vote of thanks.

Dr. J. Senthil	Chairman - Academic Council / Principal	D. Kith
Nominee of Anna University		
Dr. M. A. Bhagyaveni	Professor Department of Electronics and Communication Engineering, CEG Campus Anna University,	M. A-man

Chennai- 600 025

Signature

	Professor	
Dr. M . Muttharam	Department of Civil Engineering, CEG Campus Anna University, Chennai- 600 025	M. Multhan 15/4/19

The meeting came to an end at 4.15 PM.

Chairman, Academic Council /Principal

To: All the members

Copy to: Chairman for kind information

Correspondent for kind information

Joint Correspondent for kind information

Dr. J. SENTHIL, Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.





10. Suggestions by Anna University nominees and Experts of KCT Academic Council:-

1. AICTE policies for Internship to be modified suitably as per college requirement

2. Number of electives offered in M.E. / M.Tech. Programmes may be increased

Principal / Chairman Academic Council

COLLEGE OF TECHNON # VOO

Dr. J. SENTHIL, Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Colmbatore - 641 049.



Office of the Coordinator Autonomous

ACADEMIC COUNCIL

April 15th 2019

17th Meeting held on April 15th 2019 at 11.00 a.m. at Kumaraguru College of Technology campus.

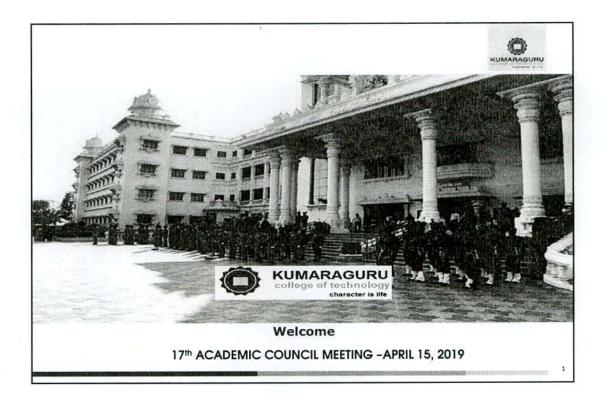
Members

Sl.No.	Name of the Members	Address	Signature
01	Dr. J. Senthil	Chairman, Academic Council & Principal	D. at 1 15/04/19.
02	Dr. K. Sundararaj	Prof & HOD / Aeronautical Engineering	al
03	Dr. S. John Alexis	Prof & HOD / Automobile Engineering	5350 15/4/19
04	Dr. N. Saraswathy	Prof & HOD / Bio-Technology	N. Le TSTUTE
05	Dr. N. Ramsundram	HOD(i/c) / Civil Engineering	Rummerdrum
06	Dr. J. Cynthia	HOD(i/c) / Computer Science & Engineering & ISE	1:4
07	Dr. K. Malarvizhi	Prof & HOD / Electrical & Electronics Engineering	110 4/19
08	Dr.S.A.Pasupathy	Prof & HOD / Electronics & Communication Engineering	27 lder
09	Dr.M.Ezhilarasi	Prof & HOD / Electronics & Instrumentation Engineering	All of the last
10	Dr. V. R. Nedunchezhian	Professor and Head, MBA	In your
11	Dr. M. Manikantan	HOD(i/c) / MCA	Mellingh
12	Dr. C. Velmurugan	Prof & HOD / Mechanical Engineering	C. ve/m/myan
13	Dr. R.Venkatesan	Prof & HOD / Mechatronics Engineering	P. Valt
14	Dr. G. Ramakrishnan	HOD(i/c) / Fashion Technology	Ram
15	Dr. V. Vanitha	HOD(i/c) / Information Technology	Witt 1514/19
16	Dr.P.Devaki	Prof & HOD / Science & Humanities	s-Durani
17	Dr. J. Srinivasan	Prof & HOD / Textile Technology	Than
18	Dr .J. Vijay Prakash	Deputy Controller of Examinations	Friend

19	Dr.R.Manivel	Prof. Mech. (Prof.i/c. R&D)	Nacew
20	Dr. C. Senthil Kumar	Head Autonomous / Asso.Prof / FT	amer
21	Dr. E. A. Vimal	Deputy Controller of Examinations & Associate Professor/ Department of Computer Science & Engineering	Bur 7
repre		overning Body from outside the college try, Commerce, Law, Education, Medicine,	
22	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Absent
23	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Absent
24	Mr.R.Ramesh (KCT Alumni – 1984- 1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Absent
25	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bellandur Post, Bangalore – 560 103	Absent
26	Mr.Hariharan Ganesan (Hari) KCT Alumni	Sector Head – Energy, EnSci A WEIR Group Enterprise, 10 th floor, Brigade Rubix, #20, HMT Road, Yeshwantpur, Bangalore – 560 022.	Absent
Nom	inee of the University	-t	
27	Dr. M. A. Bhagyaveni	Professor Department of Electronics and Communication Engineering,CEG Campus Anna University, Chennai- 600 025	M. A. Poler

28	Dr. M . Muttharam	Professor Department of Civil Engineering, CEG Campus Anna University, Chennai- 600 025	M. Yhathar 15/4/19
29	Dr. L . Elango	Professor Department of Geology, CEG Campus Anna University, Chennai- 600 025	Ab sent
Facı	ılty member nominated	by the Principal (Member Secretary)	
30	Dr.Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA	10h.





APPROVAL OF THE 16TH ACADEMIC COUNCIL MEETING-MINUTES



MINUTES OF THE MEETING

UGC - 11 & 12 s

ACADEMIC COUNCIL MEMBERS & APPROVAL OF NEW MEMBERS OF THE ACADEMIC COUNCIL



APPROVAL OF NEW MEMBERS

3

APPROVAL OF STANDING COMMITTEE MEETING



MINUTES OF THE MEETING

UGC - 11 & 12 s



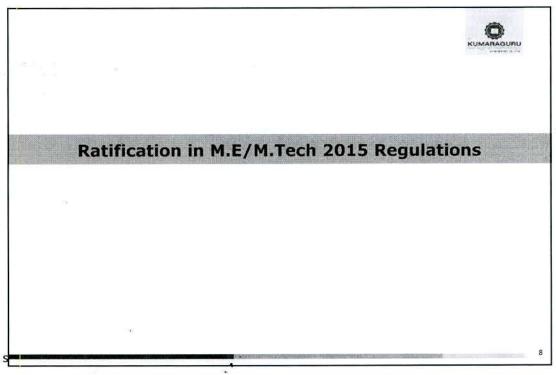
R2017, R2018 Regulations- UG &MCA



Criteria	Existing -R17, R18	Amendment/Ratification - R17, R18
Reappearance Criteria	One arrear attempt, within one year period is permitted. Fail in an Arrear course or fail to clear arrear course, in a year needs course re-registration in Winter/Summer track to clear the course	The student can register for the Summer/Winter track attend the classes, satisfy the minimum attendance requirements, re-earn his/her CAM and then appear for the ESE (OR) The student can appear for the Arrear exam. Course-reregistration via Winter/summer track optional
Shortage of Attendance for CAT	Students having >=70 and <75% may get a relaxation up to 5% if they submit assignments specified by the course faculty before the commencement of that specific exam.	Clause removed
Failed in CAT exams	Students scoring <50% in a CAT exam will be permitted to improve their marks by 5% (ceiling 50%) by undergoing 'Assisted Teaching'	Clause removed

UGC - 11 & 12 s

R2017, R2018 Regulations- UG & MCA Internship credits as per AICTE norms (45 hrs/week = 1 credit) · Internship/Industrial Training (in India or The student is allowed to undergo a abroad), and work done will be evaluated and maximum of 6 weeks Industrial Training considered equivalent to the final semester / Internship (in India or abroad) for a Internships project maximum of 3 credits · Evaluation is based on the weekly Progress reports, Final report, Viva-voce by Evaluation committee, Feedback by Industry/external Research Supervisor



Criteria EXISITING R15 Amendment/Ratification R15 Mandatory Paper Publication Conference/peer-reviewed journal Optional

THANK YOU!

-

UGC - 11 & 12 s



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[An Autonomous Institution Established in 1984 Affiliated to Anna University Chennai Approved by AICTE, New Delhi Accredited by NAAC]

Ref: KCT/ACM/M18/2020-2021

Date 06th Jan, 2021

Dear Sir / Madam,

Sub: Kumaraguru College of Technology - 18th Academic Council Meeting of Academic Autonomy- reg.

We wish to inform that the 18th Academic Council Meeting of Academic Autonomy of Kumaraguru College of Technology, Coimbatore is scheduled to be held at 10.30 am on Monday the 11th January, 2021 in ONLINE mode.

AGENDA OF THE MEETING

- 1) Approval of minutes of Standing Committee Meeting
- Approval of amendments made in regulations R-2015, R-2017 and R-2018 for UG and PG programmes
- 3) Approval of online mode of teaching learning for theory, practical and project courses
- 4) Approval of Question Paper Pattern for conduct of theory end semester examinations in online mode
- 5) Approval of continuous and end semester assessment methodologies for practical and project courses in online mode
- 6) Approval of R-2017 & R-2018 Curriculum and Syllabi of all UG & PG Programmes.
- 7) Approval of Regulation 2020, Curriculum and Syllabi for MCA Two years programme
- 8) Approval of Regulation 2020, Curriculum and Syllabi for MBA (IEV) Two years programme
- 9) Any other matter with the permission of Chairman, Academic Council

Kindly make it convenient to attend the meeting as per schedule.

Thanking You,

Yours faithfully,

То

The members concerned

1.8'd

Principal/Chairman, Academic Council

Dr. J. SRINIVASAN, M.Tech., Ph.D.

Jo. 2034 Coimbatore 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

nfo @kct.ac.in



MEETING OF THE 18th ACADEMIC COUNCIL

Date: 11.01.2021 (Monday)

Online Meeting: Google Meet Platform

TABLE AGENDA

Sl.No	Time	TABLE AGENDA	D _v ,
S1.N0	1 ime	Agenda Points	Ву
1	10.30 am to 10.35 am	Welcome Address	Dr. J. Srinivasan, Principal & Chairman – Academic Council, Autonomous Statute
	10.35 am	Introduction of BoS chairpersons.	
2	to 10.40 am	Approval of the minutes of the standing committee meeting	Dr. S. Sundaresan, Head Autonomous
		Regulation and Amendments	
3	10.40 am to	✓ Approval of the amendments made in Regulation-2017 & Regulations 2018 - UG & PG programmes	
10.45 am		– PPT presentation	Dr. V. Stephen Rapheal, Head, Academic
4	10.45 am	 ✓ Approval of online mode of teaching – learning for theory, practical and project courses 	Innovations
10.50 an		- PPT presentation	
5	10.50 am to	 ✓ Approval of Question Paper Pattern for conduct of theory end semester examinations in online mode ✓ Approval of assessment methodologies for practical and project courses in online mode 	Dr. A. Vasuki Controller of Examinations
	10.55 am	– PPT presentation	Examinations
		Approval of R-2017, R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes	
		❖ 10.55 am to 11.35 am- For Approval of New Programmes	
6	10.55 am to 12.45 pm	 ✓ R-2020 - Regulation, curriculum and syllabi for two years MBA(Innovation, Entrepreneurship & Venture Development) programme. 	Dr.B.L.Lakshmi Meera, Head - Forge Academy
		✓ R-2020- Regulation, curriculum and syllabi for two years MCA programme	HOD / MCA



KUMARAGURU COLLEGE OF TECHNOLOGY

(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/G-SCM/116/2020-2021

Date: 9th Jan 2021

Minutes of the meeting of 22nd Standing Committee

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on 8th and 9th Jan 2021 at 11.15 am in online mode.

The following members were present for the meeting.

Sl.No.	Name of the Member	Designation & Department
1.	Dr. J. Srinivasan	Principal, Chairman - Academic Council
2.	Dr. D. Saravanan	Dean – Academics
3.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
4.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
5.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
6.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering
7.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
8.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
9.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
10.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman -Board of Electronics & Communication Engineering
11.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engg.
12.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
13.	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology

14.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engg.
15.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
16.	Dr. G. Ramakrishnan	Professor and Head, Chairman -Board of Fashion Technology
17.	Dr. M. Ezhilarasi	Professor & Head, Chairperson- Board of School of Foundation Science
18.	Dr. Mary Cherian	Professor and Head, Chairperson -Board of Management Studies
19.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications
20	Dr. A. Vasuki	Controller of Examinations
21	Dr. R. Manivel	Professor in Mech.and Professor Incharge R&D
22	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous
23	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting
24	Dr.Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovation
25	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)
26	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)

The following points were discussed in the meeting:

- ❖ Dr. J. Srinivasan, Principal Chairman Academic Council welcomed all the members and invited Dr. Vinohar Stephen Rapheal, Head − Academic Innovation to present the Amendments and Ratification made in Regulations 2017 and 2018 of UG and PG programmes.
- 1. Amendments for R-2017 and R-2018 of all UG and PG programmes were presented for the approval of the members.
- 2. Attendance criteria for special cases can be 65% and to be passed by ACC
- 3. The student who is in remote places and having network issues in the attendance % can be considered as special case
- 4. For calculating attendance both synchronous and asynchronous session can be taken into account. Attendance requirement for the online courses is 75% (Both asynchronous and synchronous session put together)

- 5. For NPTEL/SWAYAM courses course mapping for maximum of 3 credit can be given
- 6. A maximum of 3 credits can be considered instead of one professional elective course, and 6 credits can be considered instead of two Open elective courses. Clauses 21.3 and 21.8 in R18 regulation can be merged. Mandatory non-credit course Research Ethics for PG can be introduced from 2020 batch.
- 7. Universal Human Values (UHV) –II course may be introduced in III and IV sem for 2020 Batch as 3 credit course (mandatory non CGPA course) not accountable in CGPA) (credit is 160 +3)
- 8. Professional communication course offered in R17 is removed and instead of this one Professional elective course introduced and it is ratified by the committee.
- 9. A two credit course "Swachh Bharat" introduced as additional non CGPA course
- 10. Approval on online mode of education
- 11. G- Meet and ZOOM used for online teaching initially adopted (2019-20 Even sem). Project germinate created and for the ODD sem (2020-21) KOED started and online classes done through MS teams for online mode of Teaching and Learning process.
- 12. End Semester examinations are planned to be conducted through online mode under AI proctoring.
- 13. For the even semester (2020-21) the classes will be taken through online / offline / hybrid mode based on the post covid-19 situation.
- 14. Owing to the delay in Lateral entry admissions and resulting short ODD semester, uniform lower credit registration was followed, and the unregistered courses will be additionally taken up in the even semester.
- Dr. J. Srinivasan, Principal Chairman Academic Council Invited Dr. A. Vasuki, CoE to Present Question Paper Pattern for conduct of theory end semester examinations (Dec 2020) in online mode
- 15. End semester exam for II yr, III yr and IV yr UG and PG is planned to conduct through online mode from 3rd week of January 2021.
- ✓ The question paper pattern is as follows:

Degree	Part A	Part B
UG	30 x 1 mark= 30 Marks	15 x2 Marks = 30 Marks
B.E/B.Tech	LOTS	HOTS
PG	30 x 1 mark= 30 Marks	15 x2 Marks =30 Marks
M.E/M.Tech	LOTS	HOTS

MBA	$60 \times 1 = 60 \text{ marks}$	

✓ Already exam for few courses (arrear and regular) has been conducted using the following pattern:

Degree	Part A	Part B
UG	(40 questions)	(20 questions)
B.E/B.Tech	30 x 1 mark= 30 Marks	15 x2 Marks =30 Marks
	LOTS	HOTS
PG	(40 questions)	(20 questions)
M.E/M.Tech	30 x 1 mark= 30 Marks	15 x2 Marks = 30 Marks
	LOTS	HOTS

MBA	$60 \times 1 = 60 \text{ marks}$

- 16. The exam in online conducted by AI proctored and using EXAMLY/GOOGLE meet platform
 - ✓ Approval of assessment methodologies for practical and project courses in online mode
- 17. For end semester practical examination simulation/descriptive/MCQ/Viva voce is proposed and for the duration of 3 hours
 - ❖ Dr. J. Srinivasan, Principal Chairman Academic Council invited various HODs-Chairman of BoS of various programmes to present and get the approval of R-2017, R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/M.Tech / MBA / MCA programmes as per the details mentioned below:
- 18. The following newly introduced programmes curriculum and syllabus are discussed
 - ✓ R-2020 Regulation, curriculum and syllabi for two years MBA(Innovation, Entrepreneurship & Venture Development) programme.
 - ✓ R-2020- Regulation, curriculum and syllabi for two years MCA programme
 - √ R-2018 Curriculum and syllabi for four years B.Tech Artificial Intelligence & Data Science Programme
 - √ R-2018 Curriculum and syllabi for two years M.E Construction Management Programme
 - ✓ Curriculum and syllabi for four years B.E Electronics & Automation Engineering (Data Science) Programme
 - ✓ Curriculum and syllabi for four years B.E -Mechanical and Smart Manufacturing Programme

✓ Curriculum and syllabi for two years M. Tech - IT (Artificial Intelligence & Robotics)

Programme

R-2017, R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented by HoDs – Chairman of BoS as per the details mentioned below:

S.No	Programme / Department	UG	PG
1	MBA-IEV		R2020 Sem I to IV curriculum SEM I and II Syllabus
2	MCA		R 2020 Semester I to IV
3	AI &DS	Semester I to VIII curriculum Semester I and II Syllabus	
4	Civil Engineering		Construction management I to IV sem
5	B.E- Electronics & Automation Engineering (Data Science)	I to VIII sem	
6	B.E -Mechanical and Smart Manufacturing	I to VIII sem curriculum and Syllabus	
7	M. Tech - IT (Artificial Intelligence & Robotics) Programme		I to IV sem curriculum
8	Biotechnology	R18: VII and VIII sem	Addition of New elective
9	Computer Science & Engineering	R17-Electives added R18: VII & VIII sem	R18- Electives added
10	ISE	R18: V to VIII sem	
11	Electrical and Electronics Engineering	R17- Addition of electives R18: V to VIII sem	
12	Electronics and Communication Engineering	R17- Elective added	

S.No	Programme / Department	UG	PG
		R18: V to VIII sem	
13	Electronics and Instrumentation Engineering	R17 VII and VIII sem R18 V to VIII sem	
14	Information technology	R18: Additional elective courses	R18: Additional elective courses & change in some of the subject titles
15	Aeronautical Engineering	R18 Sem VII a change in course Approval of One Credit Course	
16	Automobile Engineering	Addition of electives in R18	
17	Civil Engineering	R18 V to VIII sem	
18	Fashion Technology	R18: V to VIII sem	
19	Mechanical Engineering	R18 V to VIII sem	Addition of elective courses
20	Mechatronics Engineering	R17 VII and VIII sem R18 V to VIII sem	
21	Textile Technology	R18: V to VIII sem	
22	Technology Management		I to IV sem New courses and electives added Revised POs&PEOs
23	School of Foundation Sciences 1) English	Course code changes and syllabus change without altering the course title	
	2) Mathematics	Syllabus for AI &DS	Syllabus for MCA, M.E- Construction Management
	3) Physics	One credit course	
	4) Chemistry	New topic suggested which will be taught and given as assignment to	24

S.No	Programme /	UG	PG
	Department		
		students	

Following other points were also discussed:

- 18. For the project phase I meant for UG & PG courses presentation of PPT followed with viva voce –duration for 3 hours
- 19. R-2020 MCA programme total credit to be increased to 84 to 86
- 20. For the assessment pattern for embedded course for AI&DS course specific QP pattern to be presented and to be approved by academic council
- 21. Modalities of conducting practical and project presented by Dr.Stephen, Academic Innovation after consolidating inputs from HoDs.
- 22. The following typo graphical error need to be corrected as in the existing Regulations of 2017 and 2018 of all UG and PG programmes with the approval of the members:
 - ✓ Typo Correction & Clarification of Clause 11.5
 - In Clause 11.5 of R17/R18 UG and R18 MCA, the Phrase "Capstone Project work" to be replaced by "Phase I and Phase II project work".
 - Legend to table- For Phase 1, External examiner to be faculty from allied program/department of the institution and for Phase 2, it will be from outside the institution
- 23. The following point may suitably incorporate in the existing Regulations of all UG and PG programmes with the approval of the members:
 - ✓ "Owing to any unprecedented events, natural calamities and/or any situation arising out of force majeure clause, the institution may adopt alternative and simplified modes and methods of examinations to complete the process in shorter period in compliance with academic requirements. In such case, the end semester examinations may be conducted as paper based/online/computer based or integrated of the above. The assessment may include MCQ/ OMR based examinations, Open Book Examination, Open Choices, assignment/ presentation-based assessments etc".

The committee approved all the above points.

The meeting ended at 2.00pm.

To All the members concerned



Chairman, Academic Council / Principal

Dr. J. SRINIVASAN, M.Tech.,Ph.D.
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

ANNEXURE-I

✓ KEY AMENDMENTS IN R17 & R18 REGULATIONS

> R2017, R2018 Regulations- UG/PG

Criteria	Existing –R17, R18	Amendment/Ratification - R17, R18
Attendance Criteria	Minimum attendance of 75% in each course.	For genuine and valid reasons (Medical/National level events), the attendance requirement may be waived a further 10% (ie. upto 65%) as per recommendation of ACC
Attendance Criteria (Online classes)	None	- One time measure during the period of the current Pandemic - Students in remote areas with poor internet connectivity (i.e J&K) attendance criteria to be relaxed, and be supplemented with Asynchronous content
NPTEL/ SWAYAM Course Credit Transfer	A maximum of 3 credits can be considered instead of one professional elective course	 A maximum of 3 credits can be considered instead of one professional elective course, and 6 credits can be considered instead of two Open elective courses. Clauses 21.3 and 21.8 merged

> R2018 Regulations- PG

Criteria	Existing – R18	Introduction - R18
Research Ethics	None	 Course introduced on Research Ethics (P18INR00) Mandatory non-credit course 2020-22 batch onwards

R2018 Regulations- UG & PG



Criteria	Existing -R17, R18	introduction - RIS
Universal Human Values II Course	None	Introduced as per AICTE directives (circular No. AICTE/IPCI2O2O 193) Syllabus adapted and modified as per Suggested by AICTE Teredit, mandatory, non-CGPA course



Ratification in B.E/B.Tech 2017/2018 Curricula

R2018 Regulations- UG & PG



Criteria	Existing —R17, R18	Introduction - R18
Removal of Course	Professional Communication and Analytical Reasoning course (U17INT6000, U17INT7000, U18INT7000)	Introduced 3 credit Professional Elective as per departmental

R2018 Regulations- UG



Criteria	Existing -R17, R18	Introduction - R18
Swachh Bharat Summer Internship	None	Introduced 2 credit for "Swachh bharath summer internship 2018" – as per GOI circular dated Additional credits, non-CGPA, beyond minimal program requirements





Minutes of the 18th Meeting of Academic Council of the Autonomous Body

The 18th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 11th January 2021 from 10.30 a.m. to 04.15 p.m. in online mode via Google meet.

The following members were present for the meeting:

Chairman - Academic Council - Autonomous Statue

Dr. J. Srinivasan – Principal & Chairman, Academic Council.

2		Former Professor, Department of Electronics and Communication Engineering, Anna University,
2	Dr. S. Shenbaga Devi	Chennai- 600 025
3.	D I W	Former Professor, UGC-BSR Faculty Fellow,
	Dr. J. Kumar	Crystal Growth Centre, Anna University, Chennai- 600 025
	1	Professor & Head, Department of Computer Science &
4.	Dr. J. Nafeesa Begum	Engineering, Government College of Engineering, Bargur,
4.	Dr. J. Nafeesa Begum	Engineering, Government College of Engineering, Bar Krishnagiri – 635 104

	ts nominated by the Governing ry, Commerce, Law, Education,	Body from outside the college representing such areas as Medicine, Engineering, etc.,
5.	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021
6.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli Varthur Hobli, Bangalore – 560 103
7.	Mr.Hariharan Ganesan	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore- 560045

Sl.No.	Name of the Member	Designation & Department		
8.	Dr. D. Saravanan	Professor, Textile Technology and Dean - Academics		
9.	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations		
10.	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous		
11.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting		
12.	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations		
13.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering		
14.	Dr. B. Senthil Kumar	For Professor and Head, Chairman - Board of Mechanical Engineering		
15.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering		
16.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering		
17.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering		
18.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering		
19.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering		
20.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman -Board of Electronics & Communication Engineering		
21.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science an Engineering		
22.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology		
23.	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology		
24.	Dr. R. Baskar	Professor and Head, Chairman - Board of Biotechnology		
25.	Dr. G. Pamakrishnan	Professor and Head, Chairman -Board of Fashion Technology		

26.	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	
27.	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	
28.	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	
29.	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Science	
30.	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Scien	
31.	Dr. Mary Cherian	Professor and Head, Chairperson -Board of Management Studie	
32.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications	
33.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Information Science and Engineering	
34.	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)	
35.	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)	

01. Welcome Address

Dr. J. Srinivasan, Principal, KCT and Chairman – Academic council, welcomed the members to the 18th meeting of the Academic Council and briefed the proceedings.

02. Approval of Minutes / New members

The following were presented by Dr. S. Sundaresan, Head Autonomous and were approved by the academic council.

- a. Minutes of the 22nd Standing Committee meeting held on 8th & 9th Jan 2021.
- b. Newly inducted members to the 18th Academic Council meeting.

03. Regulation and Amendments:

Dr. Vinohar Stephen Rapheal, Head, Academic Innovations, presented the Amendments' made in R-2017 and R-2018 of UG/PG programmes. The deliberations were as follows:

a. For students in 2017, and 2018 regulations - B.E/B.Tech, M.E/M.Tech, R18 MCA, and R17 MBA- the regulations as it stands, specify a minimum attendance requirement of 75% for students to be able to sit for the end semester examinations.

As an amendment to the above, it was proposed that in addition to the above clause, for genuine and valid reasons (Medical/National level events), the attendance requirement may be waived a further 10% (ie. upto 65%) as per recommendation of Academic Consultative Committee (ACC). The committee approved the proposal.

- b. With respect to Attendance for Online classes, it was proposed as a ONETIME MEASURE during the period of the current Pandemic, for students in remote areas with poor internet connectivity (e.g. J&K), the minimum attendance criteria to be relaxed, and be supplemented with equivalent Asynchronous content. The committee approved the proposal as an one time exception due to the pandemic situation.
- c. With respect to NPTEL/SWAYAM online courses, in the R-2017 and R-2018 regulations as it stands, a credit transfer to the extent of a maximum of 3 credits instead of one professional elective course currently exists.

It was proposed, to additionally allow for credit transfer for two open electives (3+3=6 credits), for eligible students subject to fulfilling all academic requirements.

The Anna University nominee brought to notice, procedural difficulties in timelines for grade publishing. After due deliberation, the committee decided instead of mapping it to open electives, it can be listed as additional non-CGPA credit courses beyond the minimal credit requirements. The committee approved the modified decision.

- d. With respect to R-2018 M.E/M.Tech regulations, for students admitted from 2020 batch onwards, a new course on "Research Ethics" was proposed to be introduced. It will be a mandatory non-credit course. The committee approved the proposal.
- e. With respect to R-2017 & R-2018 B.E/B.Tech. programme, Professional Communication and Analytical Reasoning course was proposed to be moved to elective list. The committee approved the proposal.
- f. With respect to R-2018 B.E/B.Tech regulations as per AICTE directives (circular No. AICTE/IPC/2020/93 Dtd:19.2.2020), it was proposed to introduce: (a) UHV-I as a part of Induction program (non-credit) and (b) UHV-II as a 3 credit, mandatory, non-CGPA course. The UHV-II Syllabus is proposed to be adapted and modified as per the syllabus suggested by AICTE. The committee approved the proposals.
- g. For R2017, R2018 UG&PG regulations, it was proposed to introduce a two credit "Swachh Bharath summer internship 2018" as per MHRD circular dated 20.4.2018, for eligible students. It will be listed as additional non-CGPA credits, beyond minimal program requirements. The committee approved the proposal.
- h. It was proposed that, owing to the unprecedented situation arising due to Covid-19, during the Academic Year 2020-2021, the institution may adopt as a ONE TIME MEASURE, alternative and simplified modes and methods of examinations to complete the process in shorter period in compliance with academic requirements.

In such a case, the end semester examinations may be conducted as online/computer based / paper based online exam (scanned copy) or integrated of the above. The assessment may include Multiple Choice Questions (MCQ), Open Book Examination, presentation-based assessments etc. The committee approved the proposal.

i. The Conduct of Teaching Learning process and procedures during the pandemic were presented for approval. The committee appreciated the efforts by the institution in this regard. The University nominee offered suggestions towards enhancing teaching learning process by contacting IQAC cell of the University.

04. Question paper pattern for conduct of end semester theory examinations in online mode

Dr. J. Srinivasan, Principal & Chairman, Academic Council invited Dr. A. Vasuki, CoE to present Question Paper Pattern for conduct of theory end semester examinations Dec 2020 in online mode

- ✓ The assessment pattern for theory /practical / project work in online mode as a one-time measure during the pandemic period was presented by CoE.
- ✓ The end semester exams for theory will be conducted in online mode as one time measure during the pandemic period under AI proctoring in Examly platform for BE/ BTech/ ME/ MTech/ MCA/ MBA with MCQ. For students with severe network connectivity issues such as those in J&K, the online exam will be conducted using manual (video) proctoring via Google Meet.

Question Paper pattern for online theory end semester exams with MCQ:

- Pattern 1: B.E/B.Tech/ M.E/ M.Tech/ MCA/MBA (No choice in Part A & B)
 - o Part A: 30 questions (1 mark each)
 - o Part B: 15 questions (2 marks each)
 - o Duration: 1 hour
 - o Total Marks: 60
 - > For B.E / B.Tech programmes with the course Machine Drawing (No choice)
 - o Part A: 10 questions (2 marks each) descriptive type
 - o Part B: 1 question (20 marks) descriptive / drawing
 - o Part C: 1 question (60 marks) drawing
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring
 - o Duration: 4 hours
 - o Total Marks: 100
 - > Pattern 2: B.E/B.Tech/ M.E/ M.Tech/ MCA
 - o Part A: 40 questions (1 mark each)
 (Choice of 30 out of 40 questions to be answered)
 - Part B: 20 questions (2 marks each)
 (Choice of 15 out of 20 questions to be answered)
 - o Duration: 1 hour
 - o Total Marks: 60

MBA: One section consisting of 60 questions (1 mark each) - No choice

Duration: 1 hourTotal Marks: 60

- For B.E / B.Tech programmes with the course Machine Drawing
 - o Part A: 10 questions (2 marks each) descriptive type
 - o Part B: 2 questions (20 marks each) descriptive / drawing (Choice of 1 out of 2 questions to be answered)
 - Part C: 2 questions (60 marks each) drawing (Choice of 1 out of 2 questions to be answered)
 - The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring
 - o Duration: 4 hours
 - Total Marks: 100

After the deliberations, the committee approved Pattern 1 for theory exams and recorded that the exams conducted earlier with Pattern 2 during 21.12.2020 to 30.12.2020 have to be conducted again.

- > For Ph.D Course Work Exams:
 - Scholars registered for Apr / May 2020
 - ESE Written exam in campus (Physical mode)
 - Question paper pattern as per PG Regulations 2018
 - Duration: 3 hrs.
 - Scholars enrolled during Aug Nov 2020
 - Online exam along with regular PG
 - MCO
 - Duration: 1 hour
- ✓ For practical courses the assessment in online mode is based on the following and conducted for a duration of 3 hrs.
- Simulation
- Descriptive Questions
- Multiple Choice Questions
- Viva Voce
- ✓ For Project Work the assessment in online mode is based on the following:
- Simulation
- . Descriptive Questions
- Report Submission
- Presentation
- Viva Voce
- ✓ For all of the above examinations, the passing requirements will be as per the Regulations.

The assessment pattern for practical and project work Phase I, Phase II and for Ph.D course work was approved by the Committee members.

6

05. Approval of newly introduced programmes curriculum and syllabus are discussed

Dr. J. Srinivasan, Principal – Chairman Academic Council invited various Heads of the Departments - Chairpersons of BoS of various programmes to present and get the approval of New programme Regulations, Curriculum and Syllabus for UG & PG programmes as per the details mentioned below:

- ✓ R-2020 Regulation, curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 and Sem 2) for two years MBA(Innovation, Entrepreneurship and Venture Development) programme The program is to be offered only by the department and not by any sub units. Evaluation and credits to be awarded in accordance with the University regulations. Due approval from Director, Academic courses of the University is to be obtained.
- √ R-2020- Regulation, curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 and Sem 2) for two years MCA programme
- ✓ R-2018 Curriculum (Sem 1 to Sem 8) and syllabi (Sem 1 and Sem 2) for four years B.Tech Artificial Intelligence and Data Science programme
- ✓ R-2018 curriculum (Sem 1 to Sem 4) and syllabi (Sem 1 to Sem 4) for two years M.E Construction

 Management programme

After detailed deliberations, the committee approved the above proposal for the AY 2020-2021. The Chairman deferred the discussion of the following new programmes planning to be started during the AY 2021-2022.

- ✓ Curriculum and syllabi for four years B.E Electronics & Automation Engineering (Data Science) programme
- ✓ Curriculum and syllabi for four years B.E -Mechanical and Smart Manufacturing programme
- ✓ Curriculum and syllabi for two years M. Tech IT (Artificial Intelligence & Robotics) programme

06. Approval of Curriculum & Syllabus for Regulation 2017 UG (B.E/B.Tech) for semesters 7 and 8

The Heads of the Departments - Chairpersons presented the curriculum and syllabus for UG (BE / B.Tech) for semester 7 and semester 8 of Regulation-2017 for 3 UG programmes:

Sl.No.	Programme	Semesters	Approval
	Biotechnology	7 and 8	The academic council granted approval for the curriculum and syllabus for UG (BE / B.Tech) for semester 7 and semester 8 of
2	Electronics and Instrumentation Engineering		
3	Mechatronics Engineering		Regulation-2017 for 3 U.G programmes.

07. Approval of Curriculum & Syllabus for Regulation 2018 UG (BE/BTech) for semesters 5 to 8

The Heads of the Departments - Chairpersons presented the curriculum and syllabus for UG (B.E / B.Tech) for semester 5 to semester 8 of Regulation-2018 for 14 UG programmes:

Sl.No.	Programme	Semesters	Approval
1	Aeronautical Engineering		
2	Automobile Engineering		
3	Biotechnology		The academic council
4	Civil Engineering		granted approval for the
5	Computer Science and Engineering		curriculum and syllabus
6	Electrical and Electronics Engineering		for UG (B.E / B.Tech) for
7	Electronics and Communication Engineering	Sem 5 to Sem 8	semester 5 to semester 8 of Regulation-2018 for 14
8	Electronics and Instrumentation Engineering		U.G programmes
9	Fashion Technology		O.G programmes
10	Information Technology		
11	Information Science and Engineering		
12	Mechanical Engineering		
13	Mechatronics Engineering		
14	Textile Technology		

08. Approval of Amendments made in Regulation-2017 of MBA

The HoD MBA presented the Amendments' made in Regulation-2017

✓ Existing Clause 2.4: Types of Courses and Credit Distribution (page 9)

- (1) Amendment 1: Clause 2.4 Table Serial No: 4 (Projects)
 Insertion of the word "/virtually" after the word in the field (line2)
- (2) Amendment 2: Clause 2.4.4
 Insertion of the word "/virtual mode" after the word field practice (line3)
- (3) Amendment 3: Addition to the Project course content (P17BACP304) (page 41)
 Insertion of "Internship" after the word Business Plan in course title

09. Approval of Amendments made in Curriculum & Syllabus for Regulation 2018 PG (M.E/M.Tech) for semesters 1 to 4

The Heads of the Departments - Chairpersons presented the Amendments made in curriculum and syllabus for PG (M.E / M.Tech) – curriculum and syllabi for sem 1 to sem 4 of Regulation-2018 for 5 PG programmes:

Sl.No.	Programme	Semesters	Approval
1	Industrial Engineering		The academic council granted approval for the Amendments made in curriculum and syllabus for PG (M.E / M.Tech) semester 1 to semester 4 of Regulation-2018 for addition of elective courses
2	Computer Science and Engineering	to Semester 4	
3	Data Science		
4	Biotechnology		
5	Masters of Technology Management		2018 for addition of elective courses

10. Any other matter with the permission of the Chair:-

- ✓ Evaluation of MCQ pattern questions and answers of end semester theory examinations will be done automatically through examination software.
- ✓ Evaluation for Machine Drawing course will be done by conventional evaluation method.

11. Suggestion by the external members of the Academic Council:-

- ✓ For the introduction of "Research Ethics" course for PG students of 2020 batch, AU nominee advised to use the expertise of NITTTR.
- ✓ AU Nominee insisted that MBA (Innovation, Entrepreneurship and Venture Development) programme should be conducted by the institution.

12. Vote of Thanks

Dr. J. Srinivasan, Principal proposed vote of thanks.

Approved by

Signature

1	Dr. J. Srinivasan	Chairman - Academic Council / . Principal	Tham
Nomi	nee of Anna University		
. 2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Shenhaga 7
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	Ruman
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	Jan Busic 2021

The meeting came to an end at 4.15 PM.

COLLEGE OK ARCHING CHARACTER SING CH

Chairman, Academic Council /Principal

Dr. J. SRINIVASAN, M.Tech., Ph.D. PRINCIPAL

Kumaraguru College of Technology Coimbatore - 641 049.

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature				
5	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Buh				
6	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Sudha Rengarajan DocuSigned by: 54AA3D11B7BE426				
7	Mr.Hariharan Ganesan	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore- 560045	Harihara Digitally signed by Hariharan Date: 2021.01.19				

Sl.No.	Name of the Member	Designation & Department	Signature
8.	Dr. D. Saravanan	Professor, Textile Technology and Dean – Academics	Samman)
9.	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	Qui
10.	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	Dandagato
11.	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, Academic Council Meeting	ST.
12.	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	10/
13.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	lle
14.	Dr. B. Senthil Kumar	For Professor and Head, Chairman - Board of Mechanical Engineering	to per
15.	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	Sul
16.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	SISL
17.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	OL 6

l.No.	Name of the Member	Designation & Department	Signature
18.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics and Instrumentation Engineering	K.K. 407.
19.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	Chason
20.	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	LAND
21.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	S. Dunali.
22.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	七人
23.	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	Qu-
24.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	Plen L
25.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology	1Rann
26.	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	98gl-Dag.
27.	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	H. Amp
28.	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	Cert
29.	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	Halen
30.	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	Bond
31	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	wanshiran

Sl.No.	Name of the Member	Designation & Department	Signature
32.	Dr. L. Dhanabal	For Head (i/c), Chairman – Board of Computer Applications	* KW
33.	Prof. U. Thiruvaazhi	Professor and Head (i/c), Information Science and Engineering	o-rui
34.	Dr. B. L. Lakshmi Meera	Program Director - FORGE Accelerator -MBA(IEV)	Jahan
35.	Dr. P. Nalini	Faculty In-charge – M.Tech (MTM)	P.1

Members not present:

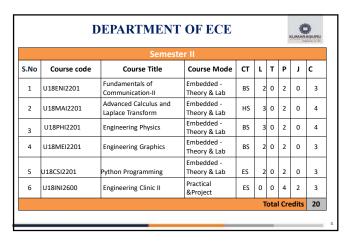
Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	Experts nominated by the Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd,Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	Experts nominated by the Governing Body
3	Dr. C. Velmurugan	Professor and Head,	Chairman - Board of Mechanical Engineering
4	Dr. M. Manikantan	Professor and Head (i/c),	Chairman – Board of Computer Applications

To: All the members

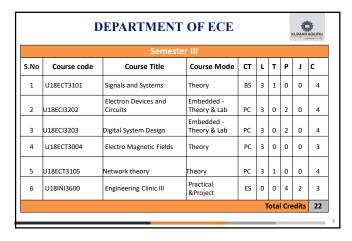


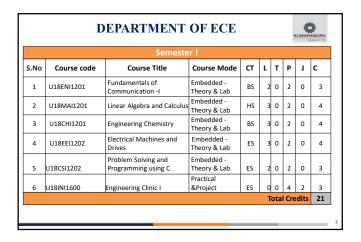
Chairman, Academic Council /Principal Dr. J. SRINIVASAN, M.Tech.,Ph.D. PRINCIPAL Kumaraguru College of Technology Coimbatore - 641 049.

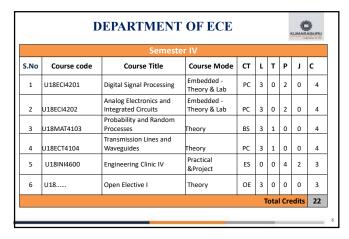


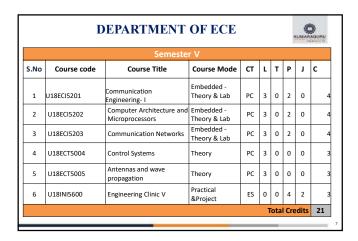


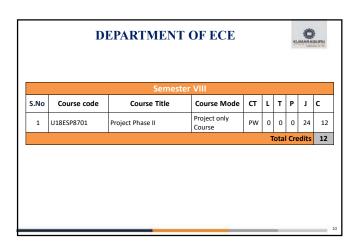


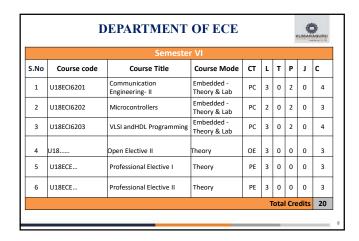


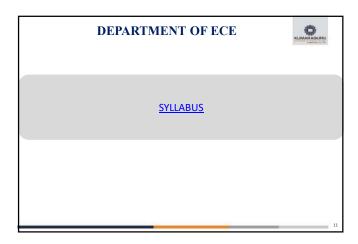


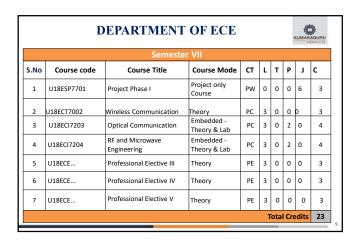




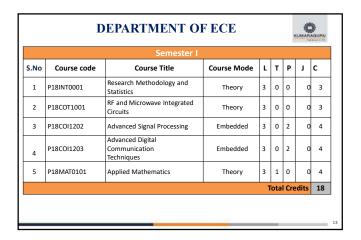


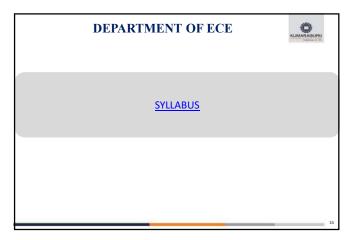


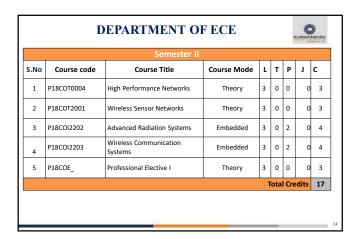




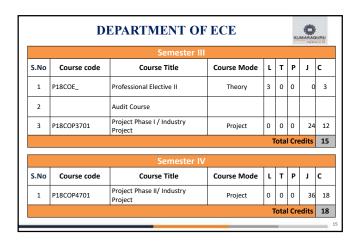






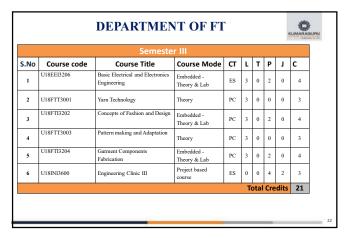


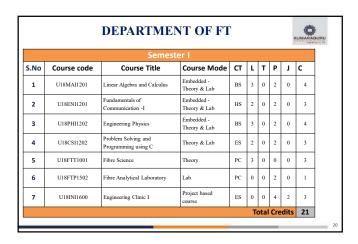


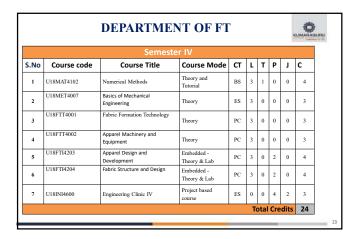


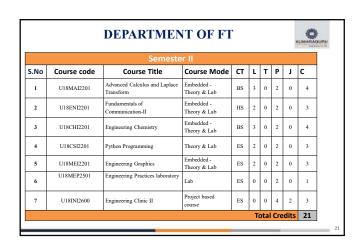


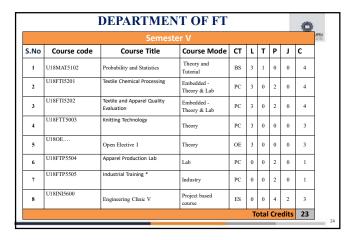


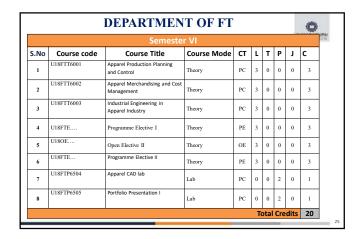




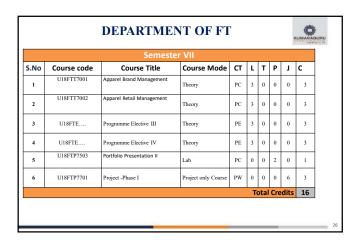


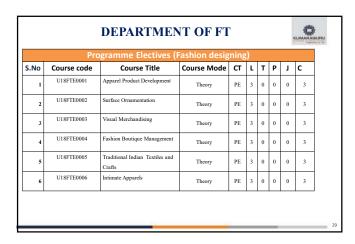


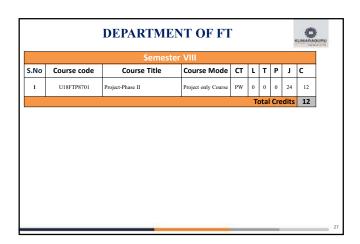


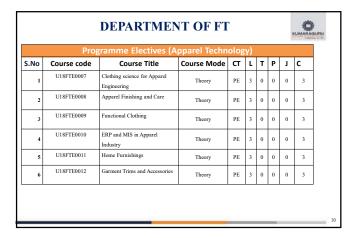


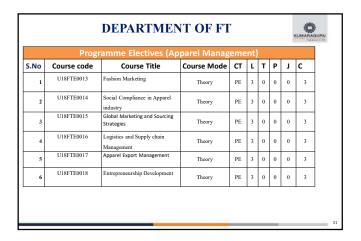
S.No	Course code	Course Title	Course Mode	СТ	Sem
1	U18VEP1501	Human Excellence -Personal Values	Lab	HS	1
2	U18VEP2502	Human Excellence-Inter Personal values	Lab	HS	2
3	U18VEP3503	Human Excellence-Family Values	Lab	HS	3
4	U18CHT3000	Environmental Science and Engineering	Theory	МС	3
5	U18VEP4504	Human Excellence-Professional Values	Lab	HS	4
6	U18IST4000	Constitution of India	Theory	MC	4
7	U18VEP5505	Human Excellence-Social Values	Lab	HS	5
8	U18VEP6506	Human Excellence-National Values	Lab	HS	6
9	U18VEP7507	Human Excellence-Global Values	Lab	HS	7

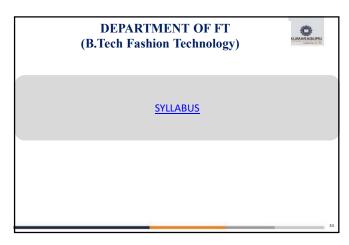


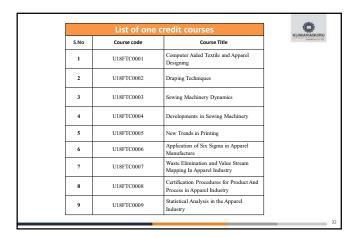


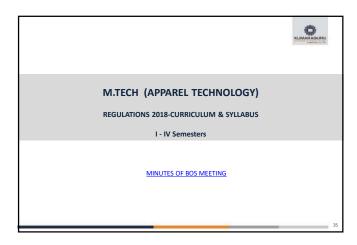


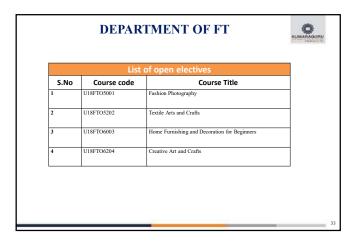


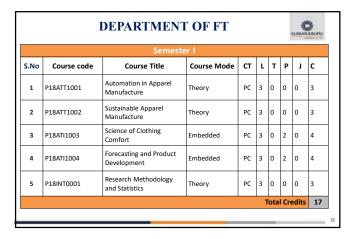


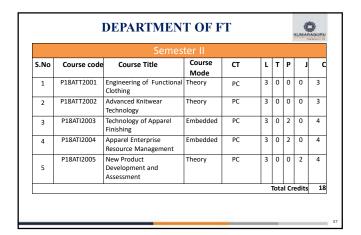




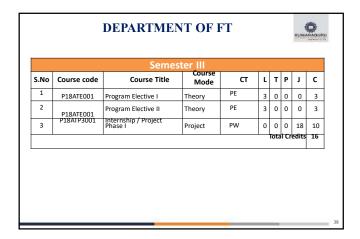


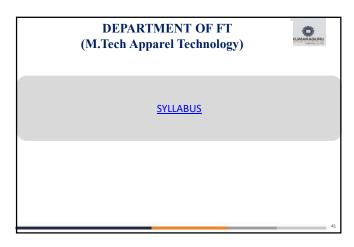


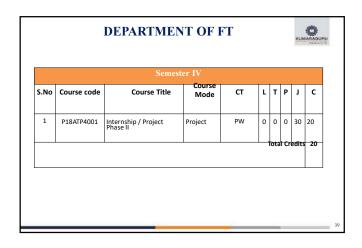




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1	P18ATE1001	Textile Composites	Theory	3	0	0	0	0	3
2	P18ATE1002	Computer Integrated Apparel Manufacture	Theory	3	0	0	0	0	3
3	P18ATE1003	Nano Textiles	Theory	3	0	0	0	0	3
4	P18ATE1004	Protective Clothing	Theory	3	0	0	0	0	3
5	P18ATE1005	Sports and Medical Apparels	Theory	3	0	0	0	0	3
6	P18ATE1006	Engineering of Apparels	Theory	3	0	0	0	0	3
7	P18ATE1007	Lean Manufacture & Logistics Management	Theory	3	0	0	0	0	3
8	P18ATE1008	Fashion Entrepreneurship Management	Theory	3	0	0	0	0	3
9	P18ATE1009	Energy Management in Apparel Industry	Theory	3	0	0	0	0	3
10	P18ATE1010	Compliance Standards in Apparel Industry	Theory	3	0	0	0	0	3

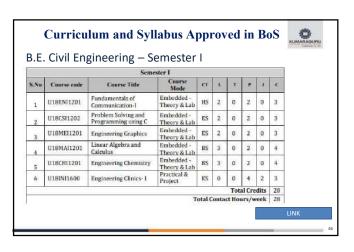




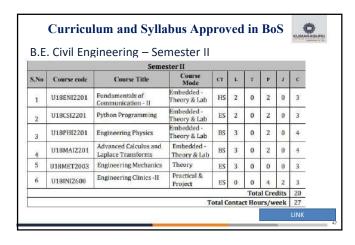




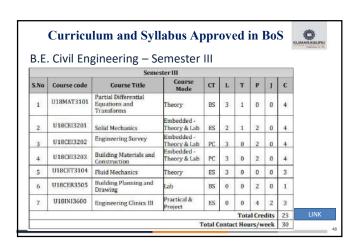


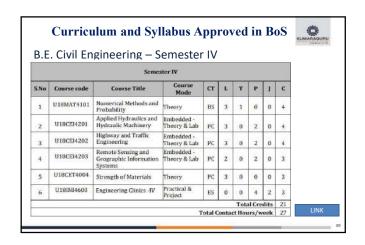


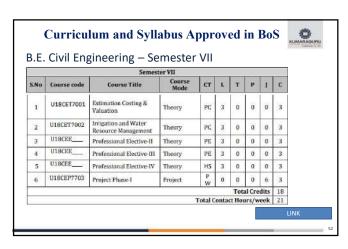


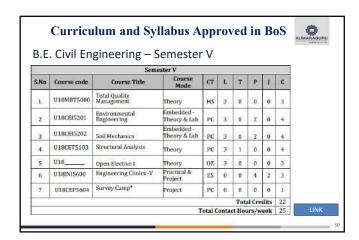


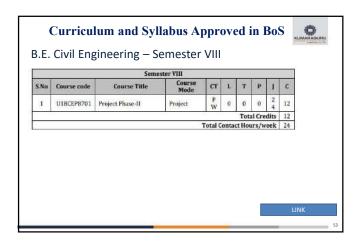


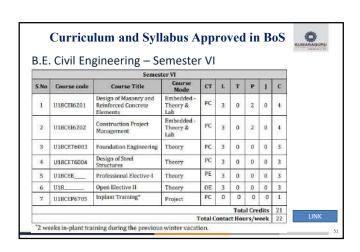


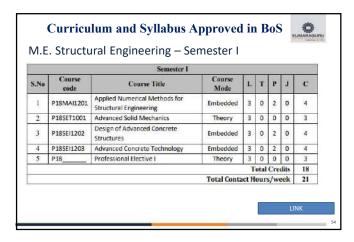


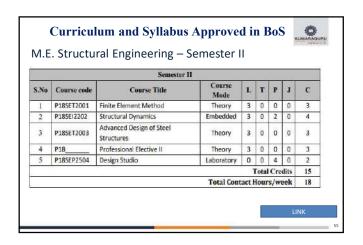


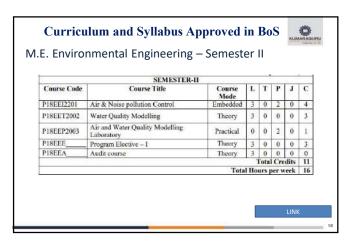


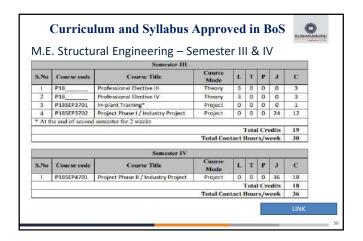


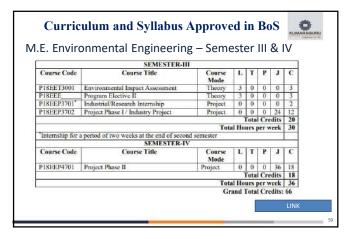


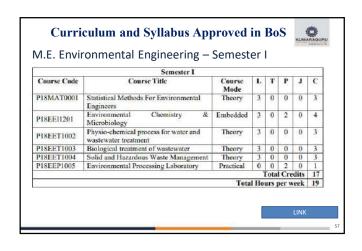


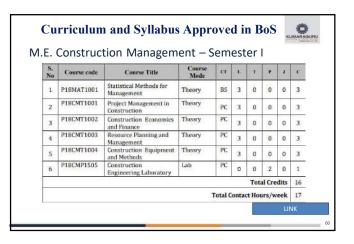


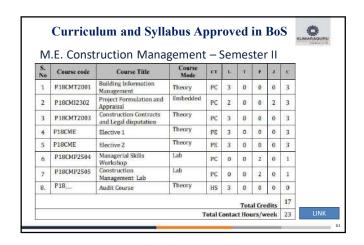




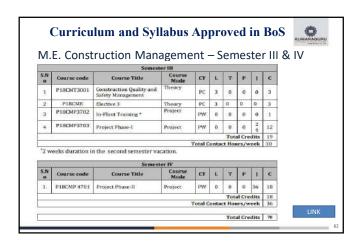


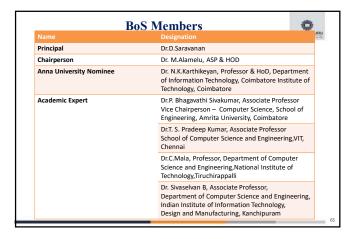




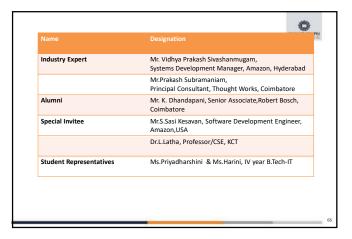




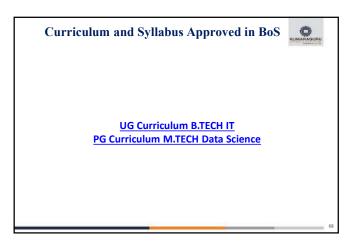
















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Ref: KCT/ACM/M19/2020-2021

7th May 2021

Dear Sir / Madam,

Sub: 19th Academic Council Meeting of Academic - reg.

We wish to inform that the 19th Academic Council Meeting of Academic Autonomy of Kumaraguru College of Technology, Coimbatore is scheduled to be held at 10.30 am on Saturday the 8th May 2021 in ONLINE mode.

AGENDA OF THE MEETING

- 1. To consider and approve the starting the of new programme B.E. Mechanical and Automation Engineering under the Department of Mechanical Engineering.
- 2. To consider and approve the Curriculum and Syllabi of B.E. Mechanical and Automation Engineering, for submission to the University to seek affiliation (and to the AICTE for approval if required).
- 3. Any other matters.

Kindly make it convenient to attend the meeting as per schedule.

Thanking you,

Yours sincerely,

Dr. D. Saravanan **Principal**

(Chairman, Academic Council)

To

The Members Concerned





MEETING OF THE 19th ACADEMIC COUNCIL

Date: 08.05.2021 (Saturday)

Online Meeting: MS Teams Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	Ву
1	10.30 am to 10.35 am	Welcome Address	Dr. D. Saravanan, Principal & Chairman – Academic Council, Autonomous Statute
2	10.35 am to 10.50 am	Presenting the Curriculum and Syllabi of B.E. (Mechanical and Automation Engineering)	Dr.C.Velmurugan, Chairperson – Board of Studies of Mechanical Engineering
3	10.50 am to 11. 00 am	Suggestions and Feedback from the Members	Members of Academic Council
4	11.00 am to 11.15 am	Any Other Matters followed by Vote of Thanks	Dr. A. Vasuki Controller of Examinations

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL

Kumaraguru College of Technology Coimbatore - 641 049.



08th May 2021

Minutes of the 19th Meeting of Academic Council of the Autonomous Body

The 19th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 08th May 2021 from 10.30 a.m. to 11.30 am in online mode via MS Teams.

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan – Principal & Chairman, Academic Council

Members	Members Nominated by Anna University Chennai	
		Former Professor, Department of Electronics and
2	Dr. S. Shenbaga Devi	Communication Engineering, Anna University,
	DI. S. Silelloaga Devi	Chennai- 600 025
	D I V	Former Professor, UGC-BSR Faculty Fellow,
3.	Dr. J. Kumar	Crystal Growth Centre, Anna University,
		Chennai- 600 025
		Professor & Head, Department of Computer Science &
4.	Dr. J. Nafeesa Begum	Engineering, Government College of Engineering, Bargur,
		Krishnagiri – 635 104

Experts no	Experts nominated by the Governing Body from outside the college representing such areas as	
Industry, 0	Commerce, Law, Education	, Medicine, Engineering, etc.,
	T	T
		Enterprise Architect,
5.	Ms.Sudha Rengarajan	Intel Technology India Pvt Ltd,
		#23-56P, Outer Ring Road, Devarabeesanahalli,
		Varthur Hobli, Bangalore – 560 103

Interna	Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department	
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	
8	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, AC Meeting	
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	

Interna	al Members and Board Chairpe	ersons	
Sl.No.	Name of the Member	Designation & Department	
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman -Board of Automobile Engineering	
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	
15	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering	
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering	
17	Dr. S. A. Pasupathy	Professor and Head, Chairman -Board of Electronics & Communication Engineering	
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	
20	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology	
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	
22	Dr. G. Ramakrishnan	Professor and Head, Chairman -Board of Fashion Technology	
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	
24	Dr. H. Arul	Head, Chairman - Board of Physics	
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry	
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics	
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English	
28	Dr. Mary Cherian	Professor and Head, Chairperson –Board of Management Studies	
29	Dr. M. Manikantan	Professor & Head, Chairman – Board of Computer Applications	
30	Prof. U. Thiruvaazhi	Professor and Head(i/c), Information Science and Engineering	

01. Welcome Address

Dr. D. Saravanan, Principal, KCT and Chairman – Academic Council, welcomed the members to the 19th meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme: B.E (Mechanical and Automation Engineering)

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department - Chairperson of Mechanical Engineering BoS to present and seek the approval for the Curriculum and Syllabus of the new UG programme as per the details mentioned below:

✓ Curriculum and Syllabus for the four-year B.E. (Mechanical and Automation Engineering) programme to be introduced from the AY 2021-2022 under Regulations 2018.

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

03. Any other matter with the permission of the Chair:-

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Dr. A. Vasuki, CoE to present Question Paper Pattern for conduct of theory end semester examinations APR / MAY- 2021 in online mode

- ✓ The assessment pattern for theory /practical / project work in online mode as a one-time measure during the pandemic period for the Even Semester of the AY 2020-2021 was presented by CoE.
- ✓ The end semester exams for theory will be conducted in online mode as one-time measure during the pandemic period under AI proctoring in Examly platform for BE/BTech/ME/MTech/MCA/MBA & PhD course work with MCQ. For students with severe network connectivity issues such as those in J&K, the online exam will be conducted using manual (video) proctoring via Google Meet.

Question Paper pattern for online theory end semester exams with MCQ:

Pattern 1: B.E/ B.Tech/ M.E/ M.Tech/ MCA/MBA & PhD (No choice in Part A & B)

o Part A: 30 questions (1 mark each)

o Part B: 15 questions (2 marks each)

Duration: 1 hourTotal Marks: 60

Pattern 2: For B.E / B.Tech programmes with the course Machine Drawing (No choice)

o Part A: 10 questions (2 marks each) – descriptive type

o Part B: 1 question (20 marks) – descriptive / drawing

o Part C: 1 question (60 marks) – drawing

 The answers are to be written in A4 / A3 paper, scanned and uploaded under AI proctoring

Duration: 4 hoursTotal Marks: 100

After the deliberations, the committee approved QP Patterns 1 and 2 for theory exams.

For practical courses the assessment in online mode is based on the following and conducted for a duration of 3 hours:

- Simulation
- Descriptive Questions
- Multiple Choice Questions
- Viva Voce

For Project Work the assessment in online mode is based on the following:

- Simulation
- Descriptive Questions
- Report Submission
- Presentation
- Viva Voce
- ✓ For all of the above examinations, the passing requirements will be as per the Regulations.

The assessment pattern for practical and project work was approved by the Committee members.

04. Suggestion by the external members of the Academic Council:-

- ✓ The course code should be unique for the content of a particular syllabus.
- ✓ NPTEL courses cannot be considered for equivalent credits for any course within the curriculum of a programme. The credits earned through online courses to be considered as over and above the minimum requirement of any programme (additional credits).
- ✓ Care to be exercised in CO/PO mapping for individual courses and outcomes, to be analyzed by faculty.
- ✓ Members appreciated that the percentage of difference in content with relation to existing BE (Mechanical Engineering) programme and the newly proposed BE (Mechanical and Automation Engineering) is about 40 %.
- ✓ To ensure the availability of reference books for the courses which is offered under new programme BE (Mechanical and Automation Engineering).
- ✓ Consent of Teacher concept (COT) followed in IITs can be considered and adopted in future.
- ✓ There is no limit in student earning additional credits by attending online courses / electives.
- ✓ Practical component to be included in the Computer Programming course.
- ✓ Project Phase II should be in continuation of Project Phase I, wherever possible, so that the student will be able to have more understanding of project and come with good output.

05.Vote of Thanks

Dr. A. Vasuki, Controller of Examinations proposed vote of thanks.

<u>Appr</u>	oved by		<u>Signature</u>
1	Dr. D. Saravanan	Chairman - Academic Council / / Principal	Samman 3
Nomi	inee of Anna University		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Shenhap ?
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	Ruman
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	18/5/2021

The meeting came to an end at 11.30 am.



Chairman, Academic Council /Principal

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
		Enterprise Architect,	Sudha Rengarajan
_	M C 11 D	Intel Technology India Pvt Ltd,	DocuSigned by:
5	Ms.Sudha Rengarajan	#23-56P, Outer Ring Road,	10
		Devarabeesanahalli, Varthur Hobli,	54AA3D11B7BE428
		Bangalore – 560 103	A STATE OF THE STA

Internal Members and Board Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	Que
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	Andar 104507
8	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	J. J
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	121.
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	lle
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C. Natmuryou
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	s.sl_
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	aco
15	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics and Instrumentation Engineering	K.K. 400.
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	Cheson
17	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	AUL
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	S. Drenali.
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	Tourschulun

Sl.No.	Name of the Member	Designation & Department	Signature
20	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	Que
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	P. Ses C.
22	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology	1Rann
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	AghiPar.
24	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	H. Aug
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	Certe
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	Halin
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	Bound
28	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	manghian
29	Dr. M. Manikantan	Head (i/c), Chairman – Board of Computer Applications	M. Slanfanfan.
30	Prof. U. Thiruvaazhi	Professor and Head (i/c), Information Science and Engineering	UT-UT

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014	Experts Nominated by Governing Body

	Mr.R.Ramesh	Executive Director,	
3	(KCT Alumni – 1984-1988	Janatics India Pvt Limited,	Experts Nominated by
3	,	E-25, SIDCO Industrial Estate,	Governing Body
	batch Mech.)	Kurichi, Coimbatore- 641 021	
		Head of R2 Data Labs,	
4	Mr.Hariharan Ganesan	Rolls-Royce India Pvt.Ltd.,	Experts Nominated by
4	KCT Alumni	L3 Manyata Tech Park, Nagavara,	Governing Body
		Bangalore 560045	

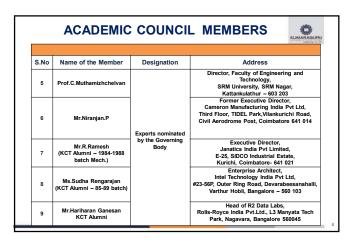


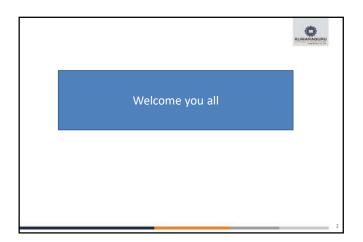
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Chairman, Academic Council /Principal

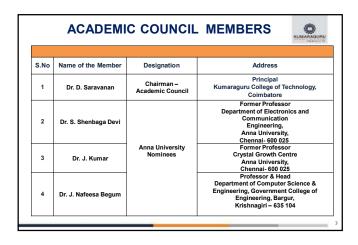
To: All the members





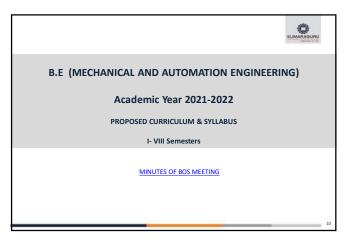


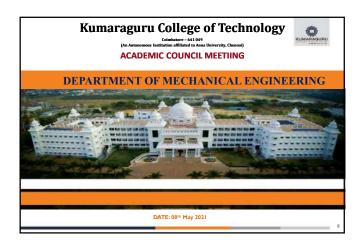


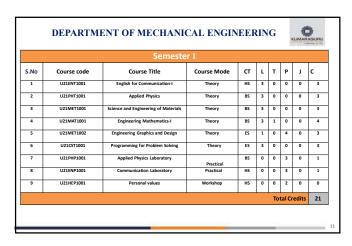




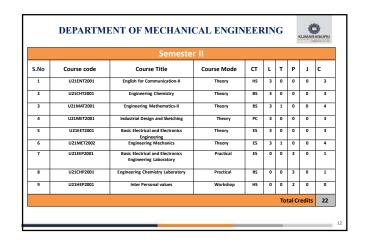


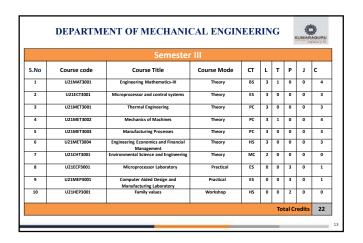


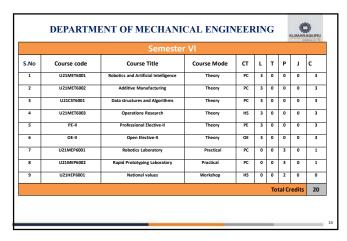


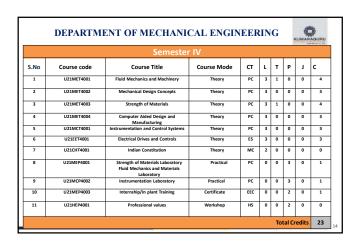


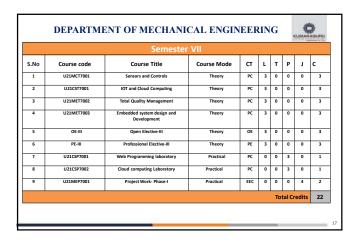
		BOS MEM	KUMARAGU
S.No	Name of the Member	Designation	Address
1	Dr.V.Selladurai	AU Nominee	Professor and Principal Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore -641 014
2	Dr. S. Jayaraj	Academic Expert- Subject Expert	Professor Department of Mechanical Engineering National Institute of Technology Calicut – 673 601.
3	Dr. S. Senthilvelan	Academic Expert- Subject Expert	Professor and Head, Department of Mechanical Engineering Indian Institute of Technology Guwahati Guwahati 781039
4	Dr.T.Ramprabhu	Expert from Industry	Deputy Director DRDO Bangalore-560093.
5	Mr.S.Dhatchinamoorthy	Alumni Nominee	Senior CFD Analyst FORD Technology Services Chenna-, India

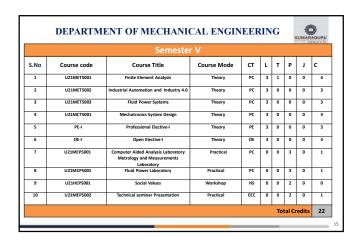


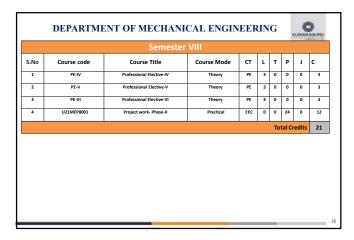


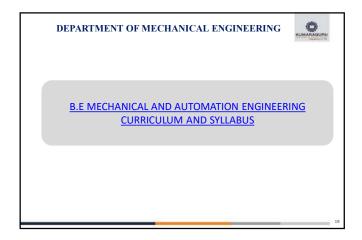


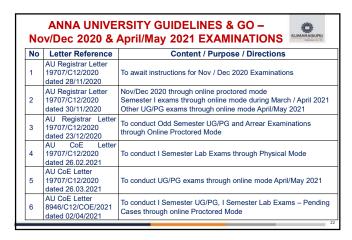


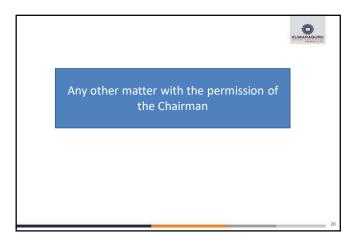


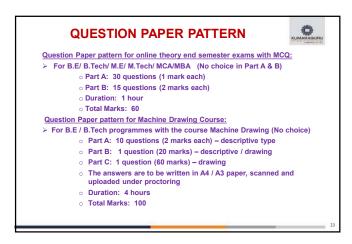




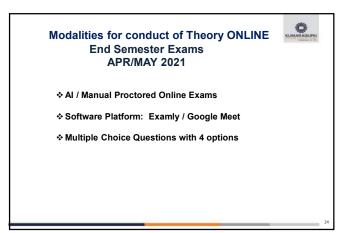












Modalities for conduct of ONLINE Exams for Practical Courses APR/MAY 2021

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O HARAGURI

- ♦ Simulation
- * Descriptive Questions (Written)
- * Multiple Choice Questions
- ❖ Viva Voce

Modalities for conduct of ONLINE Exams for Project Courses-APR/MAY 2021

- . Cimulation
- * Descriptive Questions / Report Submission
- Presentation
- * Viva Voce

Thank
you!

Kumaraguru College of Technology, Coimbatore

MEETING OF THE 20th ACADEMIC COUNCIL

Date: 04.08.2021 (Wednesday) Online Meeting: MS Teams Platform

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	11.00 am to 11.05 am	Welcome Address	Dr. D.Saravanan, Chairman – Academic Council
2	11.05 am to 11.10 am	 Introduction of BoS chairpersons. Approval of the minutes of the standing committee meeting 	Dr. S. Sundaresan, Head Autonomous
3	11.10 am to 11.25 am	For Approval of New Programmes Approval of R-2018 Curriculum and syllabi for Two years M.Tech., Defence Technology (collaborative programme with DRDO) under the Department of Aeronautical Engineering, from the Academic Year 2021-2022, and submission to the University for affiliation (AICTE Approval received). — PPT presentation	Dr. K. Sundararaj HOD/AERO
4	11.25 am to 11.40 am	Regulation and Amendments Approval of Regulation, Curriculum and Syllabi of MBA (R2021) — PPT presentation	Dr. Mary Cherian HOD/MBA
5	11.40 am to 12.15 pm	Approval of Elective Courses in BE/BTech & ME/MTech programmes under Regulations 2018 and R-2020 of MCA. - PPT presentation ✓ Biotech	
	12.13 pm	 ✓ Biotech ✓ Computer Science ✓ Information Science ✓ Electrical & Electronics ✓ Electronics and Communication ✓ Electronics & Instrumentation ✓ Information Technology ✓ Aero ✓ Auto ✓ Civil ✓ Fashion Technology ✓ Mechanical ✓ Mechatronics ✓ Textile Technology ✓ Technology Management ✓ Master of Computer applications ✓ School of Foundation Sciences 	HOD / BT HOD / CSE HOD / ISE HOD / EEE HOD / ECE HOD / EIE HOD / IT HOD/AE HOD/AU HOD / CE HOD / FT HOD / ME HOD / MCE HOD / TT HOD/MCA Coordinator HODS

6	12.15 pm to 12.25 pm	Any other matter with the permission of the Chairman, Academic Council, Autonomous Statute.	Dr. D. Saravanan, Chairman – Academic Council
7	12.25 pm to 12.30 pm	Vote of Thanks	Dr.J.Vijay Prakash DCOE/KCT



Date: 07.05.2021

MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council
2.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering
6.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
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11.	Dr. V. Ramesh Babu Professor and Head, Chairman - Board of Textile Technology	
12.	Professor and Head(i/c), Chairperson - Board of Information Technology	
13.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engineering
14.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology
16.	Dr K Maheswari	Head & Chairperson – Board of Mathematics
17.	Dr H Arul	Head & Chairman – Board of Physics
18.	Dr K R Aranganayagam	Head & Chairman – Board of Chemistry
19.	Dr Arokia Lawrence Vijay	Head & Chairman – Board of English
20.	Professor and Head, Chairperson – Board of Management Studies	

21.	Dr. M. Manikantan	Professor and Head, Chairman – Board of Computer Applications
22.	Dr. M. Ezhilarasi	Associate Dean – Academic Compliance

		-	
	ers of the college representing d ority of service in the College	lifferent categories of tea	aching staff by rotation on the basis
20	Dr. A. Vasuki	Controller of Examination	ons
21	Dr Vinohar Stephen Rapheal	Associate Professor - Bi	otechnology
22	Dr. S. Sundaresan	Head Autonomous / Ass	so. Prof TT
23	Dr. J. Vijay Prakash	Associate Professor & D Council Meeting	Deputy CoE – Convener, Academic
_	s nominated by the Governing ry, Commerce, Law, Education		college representing such areas as , etc.,
24	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004
25	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	npiyer@npiyer.com Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810
26	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377
27	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road,	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251

		Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103 Head of R2 Data Labs, Rolls-Royce India Pvt. Devarabeesanahalli, Email: gehari@gmail.com Cell: +91 7892848224
28	Mr.Hariharan Ganesan KCT Alumni	Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045
Nomin	nees of the University	
29	Dr. S. Shenbaga Devi	Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025 Mobile: 99412 04021 044-2235 8870 Email id: s_s_devi@annauniv.edu
30	Dr. J. Kumar	Former Professor Crystal Growth Centre Anna University, Chennai- 600 025 0091 – 44 – 22358329;22352774; +91 9444 125 128 Email ID: marsjk@gmail.com; marsjk@annauniv.edu
31	Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104 Mobile: 94862 54133 Email ID: nafeesa.research@gmail.com	



KUMARAGURU COLLEGE OF TECHNOLOGY

(An Autonomous Institution affiliated to Anna University, Chennai)

Office of the Coordinator Autonomous

KCT/COE/SCM-23/2021-2022

Date: 30th July 2021

Minutes of the meeting of 23rd Standing Committee

A meeting of the Standing Committee of the Academic Council of Kumaraguru College of Technology, Coimbatore, was held on Friday, 30th July 2021 at 11.00 am in online mode via MS Teams.

The following members were present for the meeting.

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D.Saravanan	Chairman – Standing Committee
2.	Dr. V. Selvan	Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering
6.	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering
7.	Dr. K. K. Anilkumar	Chairman - Board of Electronics & Instrumentation Engineering
8.	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering
9.	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering
10.	Dr. P. Devaki	Chairperson – Board of Computer Science and Engg.
11.	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology
12.	Dr. M. Alamelu	Chairperson - Board of Information Technology
13.	Dr.M.Suguna	Chairperson – Board of Information Science and Engineering.
14.	Dr. R. Baskar	Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Chairman – Board of Fashion Technology
16.	Dr. Mary Cherian	Chairperson – Board of Management Studies
17.	Dr.M. Manikantan	Professor and Head, Chairperson – Board of Computer Applications
18.	Dr.H.Arul	Chairperson – Board of Physics
19.	Dr.K.R.Aranganayagan	Chairperson – Board of Chemistry
20.	Dr.K.Maheswari	Chairperson – Board of Mathematics
21.	Dr.B.Arokya Lawrence Vijay	Professor and Head, Chairperson – Board of English

Sl.No.	Name of the Member	Designation & Department
22.	Dr. M. Ezhilarasi	Associate Dean
23.	Dr. P. Nalini	Faculty Incharge – M.Tech (MTM)
24.	Dr. A. Vasuki	Controller of Examinations
25.	Dr. S. Sundaresan	Head Autonomous / Asso. Prof Textile Technology
26.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting
27.	Dr. Vinohar Stephen Rapheal	Head, Innovation and Planning, DoA

The following points were discussed in the meeting:

- ❖ Dr. D.Saravanan, Principal Chairman Academic Council welcomed all the members and gave the overall view of the BoS minutes of meeting conducted by departments. Suggested the chairpersons of the BoS to record the BoS minutes based on the BoS agenda.
- ❖ Dr. D.Saravanan, Principal Chairman Academic Council invited Dr. K. Sundararaj, Professor and Head, Chairman Board of Aeronautical Engineering to present the R-2018 Curriculum and syllabi for Two years M.Tech., Defence Technology (collaborative programme with DRDO).

The syllabus and curriculum of the M.Tech., Defence Technology was discussed.

Dr. D.Saravanan, Principal – Chairman Academic Council invited Dr. Mary Cherian Professor and Head, Chairperson –Board of Management Studies to present the new regulation, MBA 2021 [R21] and proposed amendment of regulation and curriculum for MBA (IEV) 2020

The proposed new regulation, MBA 2021 [R21] was presented and discussed. New vision and mission statements were presented. PEO and PLO (Programme Learning Outcomes) presented and discussed. Presented the new curriculum for MBA-2021[R21] and syllabus for first and second semester for 2021. Details of credit of courses were presented and discussed. Credit hours for lecture, practical, self-work and Field work has been presented and discussed. Change in end semester exam duration as 2 hours instead of three hours in off line mode has been proposed. Semester based curriculum has been followed in R21 instead of term based curriculum. Minimum credit earned for award of degree can be mentioned and suggested that the ceiling for maximum credit can be removed.

Modification in credit distribution for MBA (IEV) were presented and discussed. Introduction of field work and self-work component was presented. Proposed the change in continuous assessment evaluation to 50% as formative-continuous examination scheme and remaining 50% assessment by summative continuous examination scheme. Suggestion given by BoS members were presented.

- ❖ Dr. D. Saravanan, Principal Chairman Academic Council invited various HODs-Chairman of BoS of various programmes to present and get the approval R-2018 & R-2020 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes (New Electives and one credit courses) as per the details mentioned below:
- ❖ The Department wise abstract of R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented as per the details mentioned below:

S.No	Department	UG	PG
1	Bio Technology	3 professional electives included	One mandatory noncredit course "Research Ethics" and two one credit course included
2	Electronics and Communication Engineering	Two professional and one open elective included	Informed about presentation of Curriculum and syllabi for two years M. Tech - IT (Artificial Intelligence & Robotics) Programme in BoS and got approved by BoS members (year of Implementation 2022-23)
3	Computer Science Engineering	3 one credit courses were included	One mandatory noncredit course "Research Ethics" included
4	Artificial Intelligence & Data Science	3 rd & 4 ^{rh} semester syllabus presented	
5	Information Science and Engineering	New lab experiments added One professional elective added	
6	Electrical and Electronics Engineering	4 professional electives and 1 one credit course included	One mandatory noncredit course "Research Ethics" included
7	Electronics and Instrumentation Engineering	4 professional electives included	
8	Information Technology	Suggestions for next regulation by BoS members presented	1 professional elective and One mandatory noncredit course "Research Ethics" included
9	Aeronautical Engineering	4 professional electives and 1 one credit course included	
10	Automobile Engineering	One professional elective added	
11	Civil Engineering	Value added courses included	One mandatory noncredit course "Research Ethics" included
12	Fashion Technology	6 one credit courses included	One mandatory noncredit course "Research Ethics" included
13	Mechanical Engineering	7 Protosem courses and 6 one credit courses included	One professional elective course included. One mandatory noncredit course

S.No	Department	UG	PG
			"Research Ethics" included
14	Mechatronics Engineering	2 professional electives included	
15	Textile Technology	4 professional electives and 4 one credits courses included	One mandatory noncredit course "Research Ethics" included
16	Master of Computer Applications		3 rd and 4 th Semester syllabus reviewed, Bridge courses for non- computer students presented in BOS
17	School of Foundation Sciences 1) Physics	One open elective course and 1 one credit course included	
	2) Chemistry	One open elective course, one elective course, Ph.D course works included	
	3) Mathematics	4 one credit courses included	
	4) English	Language elective courses (3 foreign language and one regional language) included, 2 one credits courses and one open elective course included	

[✓] Dr.Ezhilarasi/Associate Dean presented the Experiential Engineering I and II -project mode, extra credit courses offered to first year students

The committee approved all the above points.

Dr. D. SARAVANAN, M.Tech., Ph.D., PRINCIPAL

Kumaraguru College of Technology

Kumaraguru College of Technology Coimbatore - 641 049.

The meeting ended at 2.00pm.

Chairman, Academic Council / Principal

To

All the members concerned

[✓] Dr. D. Saravanan, Principal – Chairman Academic Council suggested to present the Experiential Learning I and II- project mode, extra credit courses in BOS.



04th Aug 2021

Minutes of the 20th Meeting of Academic Council of the Autonomous Body

The 20^{th} meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 04^{th} Aug 2021 (Wed) from 11.00 a.m. to 1.30 pm in online mode via MS Teams.

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104

	xperts nominated by the Governing Body from outside the college representing such areas as adustry, Commerce, Law, Education, Medicine, Engineering, etc.,		
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	

Internal Members and Board Chairpersons				
Sl.No.	Name of the Member	Designation & Department		
6	Dr. A. Vasuki	Controller of Examinations		
7	Dr. S. Sundaresan	Head Autonomous		
8	Dr. J. Vijay Prakash	Convener, AC Meeting		
9	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations		
10	Dr. V. Selvan	Chairman – Board of Civil Engineering		
11	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering		

Minutes of 20th Academic Council Meeting, 04 Aug 2021

Internal Members and Board Chairpersons				
Sl.No.	Name of the Member	Designation & Department		
12	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering		
13	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering		
14	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering		
15	Dr. P. S. Mayurapriyan	Chairman - Board of Electronics & Instrumentation Engineering		
16	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering		
17	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering		
18	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering		
19	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology		
20	Dr. M. Alamelu	Chairperson - Board of Information Technology		
21	Dr. R. Baskar	Chairman – Board of Biotechnology		
22	Dr. G. Ramakrishnan	Chairman -Board of Fashion Technology		
23	Dr. M. Ezhilarasi	Associate Dean		
24	Dr. H. Arul	Chairman - Board of Physics		
25	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry		
26	Dr. K. Maheswari	Chairperson - Board of Mathematics		
27	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English		
28	Dr. Mary Cherian	Chairperson –Board of Management Studies		
29	Dr. M. Manikantan	Chairman – Board of Computer Applications		
30	Dr. M. Suguna	Chairperson - Information Science and Engineering		

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 20th meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme: M.Tech., Defence Technology

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department - Chairman of Aeronautical Engineering BoS to present and seek the approval for the Curriculum and Syllabus of the new PG programme as per the details mentioned below:

✓ Curriculum and Syllabi of the Two years M.Tech., Defence Technology (collaborative programme with DRDO) to be introduced from the AY 2021-2022 under Regulations 2018.

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

03. Approval of newly introduced Regulation, Curriculum, Syllabus and Amendments in existing Regulations are discussed

Chairman Academic Council invited Dr. Mary Cherian Professor and Head, Chairperson –Board of Management Studies to present the new regulation, MBA 2021 [R21] and proposed amendment of regulation and curriculum for MBA (IEV) 2020

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

04. Approval of the Elective Courses in BE/BTech & ME/MTech programmes under Regulations 2018 and R-2020 of MCA.

Chairman Academic Council invited various chairpersons of BoS of various programmes to present and get the approval R-2018 Curriculum and Syllabus of B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes(R2020), New Electives and one credit courses as per the details mentioned below:

The Boardwise abstract of R-2018 Curriculum and Syllabus for all B.E / B.Tech / M.E/ M.Tech / MBA / MCA programmes are presented as per the details mentioned below:

S.No	Board	UG	PG	
1	Bio Technology	3 professional electives included	One mandatory noncredit course "Research Ethics" and two one credit course included	
2	Electronics and Communication Engineering	Two professional and one open elective included	Presented curriculum and syllabi for two years M. Tech - IT (Artifici Intelligence & Robotics) Programm in BoS and got approved by Bomembers (year of Implementation 2022-23) One mandatory noncredit cours "Research Ethics" included	
3	Computer Science Engineering	3 one credit courses were included	One mandatory noncredit course "Research Ethics" included	
4	Artificial Intelligence & Data Science	3 rd & 4 ^{rh} semester syllabus presented		
5	Information Science and Engineering	New lab experiments added One professional elective added		
6	Electrical and Electronics Engineering	4 professional electives and 1 one credit course included	One mandatory noncredit course "Research Ethics" included	
7	Electronics and Instrumentation Engineering	4 professional electives included		
8	Information Technology	n «	One professional elective and One mandatory noncredit course "Research Ethics" included	
9	Aeronautical Engineering	5 professional electives and 1 one credit course included		

Minutes of 20th Academic Council Meeting, 04 Aug 2021

S.No	Board	UG	Minutes of 20th Academic Council Meeting, 04 A	
10	Automobile Engineering	One professional elective added	701 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
11	Civil Engineering		One mandatory noncredit course "Research Ethics" included	
12	Fashion Technology	6 one credit courses included	One mandatory noncredit course "Research Ethics" included	
13	Mechanical Engineering	6 one credit courses included	One professional elective course included. One mandatory noncredit course "Research Ethics" included	
14	Mechatronics Engineering	2 professional electives included		
15	Textile Technology	4 professional electives and 4 one credits courses included	One mandatory noncredit course "Research Ethics" included	
16	Master of Computer Applications		3 rd and 4 th Semester syllabus reviewed, Bridge courses for non- computer students presented in BOS	
	School of Foundation Sciences 1) Physics	One open elective course and 1 one credit course included		
	2) Chemistry	One open elective course, one elective course, Ph.D course works included		
17	3) Mathematics	4 one credit courses included		
	4) English	Language elective courses (3 foreign language - French, German, Japanese and one regional language - Hindi) included, 2 one credits courses and one open elective course included		

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

05. Any other matter with the permission of the Chair:-

Dr. J. Nafeesa Begum suggestion:

- Reusable and recycling of plastics topics can be added in the Textile Technology courses.
- Topics related to PPE protection kit, filters and nano filters and masks can be included in protective textile course of Textile Technology.

06. Suggestion by the external members of the Academic Council:-

- For M.Tech (Defence Technology) new programme
 - o MoU with DRDO can be done

- o Facilities in L&T and LMW Coimbatore can be utilized
- Visit to Combat Vehicles Research and Development Establishment (CVRDE) and MIT Aero Space Technology is recommended.
- Ordinance Factory at Tiruchi to be visited.
- Expertise of Prof. R. M. Vasagam and Dr. Mylsamy Annadurai may be invited for this new programme for fine tuning course content.
- Cryptography Encryption related topics can be offered as a value added course.
- For MBA (IEV) programme
 - For E-SAP courses Continuous Assessment (CA) and End Semester Assessment (EA) to be included in curriculum and it is recommended to review in the MBA BoS.
 - o Assessment method for E-SAP courses to be clearly mentioned in the regulation.
- For AI & DS programme the credit for the course Finance for Engineers needs to be revised from 2 to 3
 credits by adding additional syllabus contents.
- In M.Tech programme on Information Technology (Artificial Intelligence and Robotics)- New PG Programme
 - Syllabus of Machine Learning course, lecture hour may be increased and the topic on Pattern Recognition may also be included.
- The syllabus content on the professional elective course on Medical Mechatronics of BE- Mechatronics
 Engineering programme to get consent from AU Nominee Dr. S. Shenbaga Devi.
- The 3D printing technique facility can be included in the Textile department or at institute level.

07. Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

Approved by			Signature	
1	Dr. D. Saravanan	Chairman - Academic Council / / Principal	Scalog(2)	
Von	ninee of Anna Univer	sity	1-0	
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Thenhaya 57	
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	Rumar	
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	Janburbio 04/08/2021	

The meeting came to an end at 1.30 pm.

character is life + 1984 *

Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Sudha Rengarajan Docusigned by: 54AA3D11B7BE426

Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
6	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	Qui
7	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	January
8	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	2
9	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	10T
10	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	lle
11	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C. valorury
12	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
13	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	5.4
14	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	ac-5
15	Dr. P. S. Mayurapriyan	Professor, Chairman - Board of Electronics and Instrumentation Engineering	Maguin
16	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	Croson
17	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	MA
18	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	S. Drenati
19	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	S. Drenali

Sl.No.	Name of the Member	demic Council Meeting,04 Au Signature	
SI.1NO.	Name of the Member	Designation & Department	Signature
20	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	Que
21	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	P.Mas C
22	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology	Rami
23	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	Jeghi-Prop.
24	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	H. Ohm
25	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	(88)
26	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	Halen
27	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	Bound
28	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	hanghian .
29	Dr. M. Manikantan	Head (i/c), Chairman – Board of Computer Applications	M. Marifanfor
30	Dr. M. Suguna	Head (i/c), Information Science and Engineering	Mys

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014	Experts Nominated by Governing Body

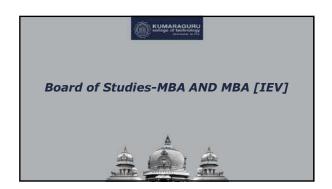
Minutes of 20th Academic Council Meeting, 04 Aug 2021 Executive Director, Mr.R.Ramesh Janatics India Pvt Limited, Experts Nominated by 3 (KCT Alumni - 1984-1988 E-25, SIDCO Industrial Estate, Governing Body batch Mech.) Kurichi, Coimbatore- 641 021 Head of R2 Data Labs, Mr. Hariharan Ganesan Rolls-Royce India Pvt.Ltd., Experts Nominated by 4 KCT Alumni L3 Manyata Tech Park, Nagavara, Governing Body Bangalore 560045

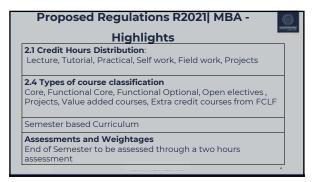
To: All the members



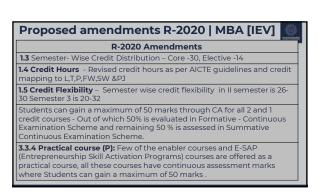
Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

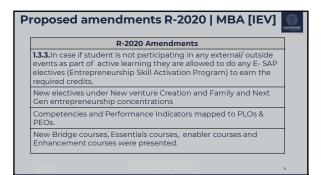




Members of the Board University Nominee: Dr. N. Tamaraiselvan, Professor- DOMS, NIT, TIRUCHIRAPAPLLI Academic Expert: 1. Dr. P. Chitramani – Avinashilingam Deemed University – MBA 2. Prof. Unnat P. Pandit- JNU, New Delhi – MBA [IEV] Industry Expert: 1. Mr. K. Ravi – Chief Financial Officer – Roots India Ltd., Coimbatore [MBA] 2. Mr. Adharsh - CEO & Founder at Alndra Systems Bangalore [MBA-IEV] Alumni: Ms. Krishna Rubiga- Founder, CEO Ampere Voltage Consulting Private Ltd. CBE









Electives Introduced - UG



New Electives in UG R18

- U18BTE0013 Human Physiology & Allied Diseases
- U18BTE0014 Chemistry of Natural Products
- U18BTE0015 Novel Food Packaging

Members of the Board



- > University Nominee: Dr. J.Jeyanthi, GCT Coimbatore
- Academic Expert:Dr. Rama Sankar Verma, IITM
 - Dr. S. Venkat Kumar, VIT -Vellore
- > Industry Expert:
 - Dr. Lipin Dev, Vee Tee Eco Green, Angamaly, Kerala
- > Alumni:
 - Mr. N. Dhayanand, Research Associate, NIT Trichy
 Ms. Anula Jomi, MTech, KCT

Electives Introduced - PG



Mandatory Non-credit course in PG R18

- P18INR0001- Research Ethics New Electives in PG R18
- P18BTE0008 Drug Delivery Principles & Engineering
 P18BTE0009 Human Physiology & Allied Diseases

Recommendations from the Board

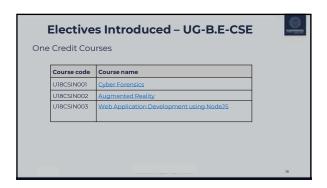


- > In UG, Electives are superficial and in depth content
- shall be provided.

 Less course and more knowledge part suggested. Prerequisite to be included.
- > A course on Waste Management can be included in the
- > Basics of Medical Coding can be included as One-credit

KUMARAGURU **Board of Studies-Computer Science and Engineering** & Artificial Intelligence & Data Science









Recommendations from the Board

Third and Fourth semester syllabus of B. Tech-Al & DS programme

B. Tech-Al & DS-Curriculum

B. Tech-Al & DS-Syllabus

Members of the Board
 University Nominee: Dr.N. Karthikeyan, Coimbatore Institute of Technology
 Academic Expert: Dr.P. Bhagavathi Sivakumar, Amrita University Dr.T. S. PradeepKumar, Vellore Institute of Technology Dr. C.Mala, National Institute of Technology Dr. B. Sivaselvan, Indian Institute of Information Technology
 Industry Expert: Mr. Vidhya Prakash Sivashanmugam, Amazon, Hyderabad Mr.Prakash Subramaniam, Thought Works, Coimbatore
 Alumni: Mr. K. Dhandapani, Robert Bosch, Coimbatore Mr.S.Sasi Kesavan, Software Development Engineer, Amazon, USA

Recommendations from the Board



- The board recommended to involve Industry members in final year project problem formation in 6th semester itself.
- The board recommended industry internships in the curriculum with credits.

Members of the Board



· University Nominee: Dr. K. Ranjith Kumar, GCT, Coimbatore.

· Academic Expert : Dr. S. Moorthi, NIT, Trichy.

Dr. R. Muthiah, SASTRA University.

Dr. Shriram Vasudevan, Amrita University.

· Industry Expert : Mr. J. Senthil Prakash, Technical Director,

M/s Technopac Ltd.

· Alumni : Mr. K. Gangadharan, Senior Software

Architect, Robert Bosch.

Electives Introduced - UG



One Credit Courses

Nil

Professional Elective Courses

U18ISE0016 – Agile Software Development

Open Elective Courses

Nil

Recommendations from the Board



- · HDL programming can be introduced as one credit course.
- · New Elective courses were reviewed and approved.
- Research Ethics is introduced as mandatory Non-Credit course for PG.
- In online mode, Tinker CAD software is suggested for teaching Electronic circuit and Digital Electronics lab.
- In online mode, Demonstration videos and simulation software can be utilized for teaching Power Electronics, Machines and power systems.

Board of Studies-Electrical and Electronics Engineering

Electives Introduced - UG



One Credit Courses

· U18EEC0009 HDL Programming

Professional Elective Courses

- · U18EEE0015 Drives for Electric Vehicles
- · U18EEE0016 Sensing Techniques and Sensor Systems
- · U18EEE0017 Biomedical Instrumentation
- · U18EEE0018 Industry 4.0

Electives Introduced - PG



Mandatory Non-Credit Course

P18INR0001 Research Ethics

Recommendations from the Board



- A new Professional Elective Course entitled "U18ECE0056 Multicore Architecture and Programming for Embedded Systems" introduced under Embedded Systems Bucket in association with Robert Bosch.
- A new Open Elective Course entitled "18ECO0005 Introduction to Neural Networks and Deep Learning" is introduced.
- The curriculum and syllabus of M.Tech programmme on Information Technology (Artificial Intelligence and Robotics) were presented and approved by the BoS members.

KUMARAGURU **Board of Studies-Electronics and Communication Engineering**

Programme Approval



- An expert team was instituted with in-house ECE department members and Mechatronics Engineering Department to establish high dense curriculum
- Recurrent meetings and discussions were carried out with expert members (academia & industry) in the field of Robotics and Automation
- The final curriculum and syllabus of M.Tech programmme on Information Technology (Artificial Intelligence and Robotics) were presented and approved by the BoS members

Members of the Board



University Nominee: Dr. C. Vasanthanayaki,

Government College of Engineering, Salem

Academic Expert:

1. Dr. K. S. Geetha, R V college of Engineering, Bengaluru

2. Dr. M. S. Sudhakar, VIT Vellore

Industry Expert: Mr. S. Chella Kumar, Infinera

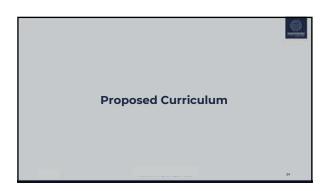
1. Mr. A. Chandramouli, SAMEER, Chennai 2. Mr. P. Nithyanandham, Infosys Alumni:

Programme Uniqueness

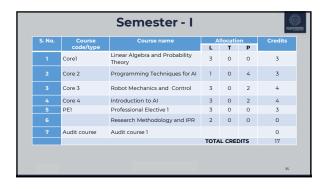


- Engineering becoming more of interdisciplinary
- · Freedom to attract all branches of engineering graduate
- · Robotics, autonomous systems: extensively use Al
- · Employment opportunities : Al and robotics
- · First mover advantage of introducing this program in Tamilnadu
- · Good industry connect
 - Robert BOSCH, MeitY, LoRaWan, TI, Keysight Technologies
- · Full fledged lab facilities KC.AIR
- · Department is working on autonomous systems with various Funding.
- · Faculty expertise in AI & Robotics.

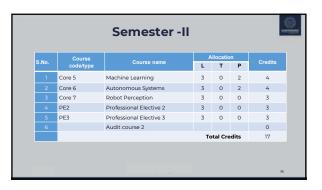
In-house expert team members Experts from Robert BOSCH Experts from CDAC and IITs

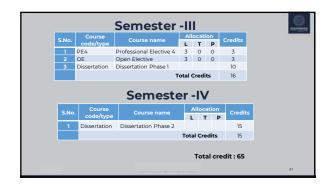


Programme Structure Theory - 33 Credits Lab - 7 Credits Projects - 25 Credits Assessment and Evaluation – 100% KCT Regulation and Method

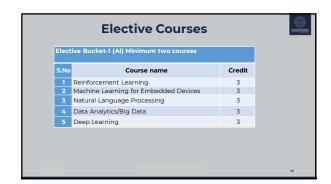




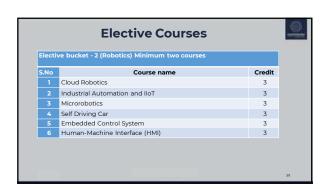














Employment Potential and Other Outcomes



- The demand for AI and robotics engineer is very high (core
 "IT)
- Since the program is planned to be offered with industry, sponsored students from industry will be participating and the remaining students will have green channel for placement interviews.
- Al and Robotics engineers are needed in all domains of engineering.

Members of the Board



- · University Nominee
- :Dr.K.Dhanalakshmi, NIT Trichy
- · Academic Expert
- : Dr. D. Angeline Vijula, PSG College
- of Technology
- Dr.G.Uma , NIT Trichy
- · Industry Expert
- : Mr.V.Shanmugaraj, CMTI,
- Bangalore.
- Alumni
- : K.Natarajan, Harman Connected
- services, Hyderabad

Electives Introduced - UG



Professional Elective Course:

U18ECE0056 - Multicore Architecture and Programming for Embedded Systems - https://tinyurl.com/988rf2sa

Open Elective Course:

18ECO0005 - Introduction to Neural Networks and Deep

Learning - https://tinyurl.com/2t4h23cr

Recommendations from the Board



- The panel members approved the list of QP setters nominated by department
- CO Attainment and PO Attainment for the year 2019-2020 and target for the year 2021-2022 is fixed

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Electives Introduced - UG



Board of Studies-ELECTRONICS AND INSTRUMENTATION ENGINEERING



The following Professional electives are introduced and approved by the BOS members.

- · U18EIE0018 Building Automation
- U18EIE0019 Optical Instrumentation
- U18EIE0020 Statistical Process Control
- U18EIE0021 Hybrid and Electric Vehicles



PG M.TECH Data Science



The board suggested students to write a term paper at the end of the semester. This will make the students to explore the latest developments in that field.

- The board recommended the inclusion of story-telling in business context and values as a topic or one credit course, as the narrative capability of students in the business context is a required skill in the industry.
- The board suggested to change the Machine Learning course as an embedded course.
- All the members recommended to follow the latest edition of books as reference books in the syllabus. Web materials and reputed conference proceedings/journal papers can also be given as references.

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Members of the Board



- University Nominee : Dr.N.K. Karthikeyan, Coimbatore Institute of Technology
- Academic Expert: Dr.P.Bhagavathi Sivakumar, Amrita University,

Dr.T. S. PradeepKumar, Vellore Institute of Technology

Dr.C.Mala, National Institute of Technology
Dr. Sivaselvan B, Indian Institute of Information Technology

Industry Expert : Mr. Vidhya Prakash Sivashanmugam, Amazon

Mr.Prakash Subramaniam,, Thought Works

• Alumni : Mr.K. Dhandapani, Senior Associates. Robert Bo

Mr.K. Dhandapani, Senior Associates, Robert Bosch Mr.S.Sasi Kesavan, Software Development Engineer,

Amazon,USA

Special Invitee : Dr.L.Latha , CSE Department,KCT

Electives Introduced - UG



One Credit Courses: Nil

Professional Elective Courses: Nil

Open Elective Courses: Nil

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Recommendations from the Board



B.TECH IT

- The board recommended to include internship/industry project with credits in the curriculum (third-year students). During the internships, the students can start their mini-project, and it can be extended as final-year project.
- The board recommended the percentage adoption of J component (project) can be increased in more courses. If J component is not applicable, then P component(practical) can be incorporated.
- The board suggested to include lab component for elective courses wherever applicable.
- The board recommended the usage of Virtual Labs at NIT, Surathkal as online platform for conduction and evaluation for lab courses in the current situation.
- · The board recommended online tools for lab conduction and assessment.

Electives Introduced - PG



One Credit Courses: Nil

Professional Elective Courses

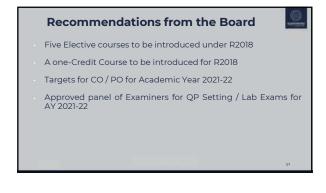
P18ITE0022 Video Analytics



Electives Introduced - UG One Credit Courses 1. U18AEC0006 Smart Materials and Structures Professional Elective Courses 1. U18AEE0014 Helicopter Aerodynamics 2. U18AEE0015 High Energetic Fuels and Propellants 3. U18AEE0016 Aircraft Structural Analysis 4. U18AEE0017 Autonomous Navigation 5. U18AEE0018 Additive Manufacturing and Tooling

Members of the Board University Nominee: Dr Kalil Rahiman M, Bannari Amman Institute of Technology, Sathyamangalam. Academic Experts: Dr S. Kamle, Indian Institute of Technology Kanpur & Dr. R. Kannan, Amrita University, Coimbatore Industry Experts: Mr. P. Mueen Ahamadulla Khan, Hindustan Aeronautics Limited, Bangalore & Mr. Vishal S Shirbhate, National Aerospace Laboratories, Bangalore Alumni: Mr. Sandeep Tom, Curtiss-Wright Corporation, Hatfield, Pennsylvania, USA.







Recommendations from the Board



1.The panel members approved the list of QP setters nominated by the department and suggested to include Associate professors also in the mix.

2.CO-PO attainment of the R 18 curriculum presented and suggestions for improvement is fixing the target was discussed.

3.UI8AUE0021 - ADVANCED STM32 MICROCONTROLLER AND EMBEDDED C PROGRAMMING was proposed to the panel members and they approved the same.

4.One Credit Course to be conducted in Blended mode by Industry experts and Institutions abroad.

Members of the Board



- University Nominee: Dr. R. Sathyanarayan Sridhar, Coimbatore Institute of Technology
- Academic Expert: Dr. S. Shanthakumar, Vellore Institute of Technology
- · Industry Expert: Er. Muthukumar Dorairaj, EDRC, L&T Construction
- · Alumni: Er. Dinesh N, TRC Engineering Pvt Ltd
- Special Invitee: Er. V. Sriraman, Onesource
- Special Invitee: Er. K. K. Prasanna, Design Initiatives and B&F Fast, L&T Construction

Electives Introduced - UG



One Credit Courses - NIL-

Professional Elective Courses

 U18AUE0021 - ADVANCED STM32 MICROCONTROLLER AND EMBEDDED C PROGRAMMING

Open Elective Courses -NIL-

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Recommendations from the Board - PG



- PEO statements can address the students as 'graduates'.
- In the course on 'P18EEE0008 Nanotechnology in Environmental Engineering' COs are modified.
- In the course on 'P18EEI1201 Environmental Chemistry & Microbiology' CO6 is added.
- In the course on 'P18CME0012 Real Estate Practices and Management' COs are modified.





Members of the Board



- · University Nominee: Dr.P.Kandhavadivu, PSG Tech,CBE
- · Academic Expert: Dr.Prabir Jana,NIFT

Dr. Abhijit Majumdar,IIT,Delhi Dr.Ketankumar Vadodaria, NID

· Industry Expert: Mr. Shailendra.KR. Nigam, Jay Jay Mills

Mr.A. Sethu, Master Linens INC

· Alumni: Ms. S.Keerthi, H& M Hennes &Mauritz Pvt LTD

Ms. R. Niveda, Bliss Natural Pads

Professional Elective Courses

Mandatory Non Credit Course - PG

New courses (PG) – Mandatory Non credit course
SL.No Course Course Name
Code
1 P18INR0001 Research Ethics

Recommendations from the Board



B.Tech Fashion Technology

- Updation of Vision and Mission of the Department
- Introduction of new one credit courses
 (such as Flat sketch and design sheet development, Sourcing sustainable fashion, Leather garments, Natural dyes,
 Introduction of Industry 4.0 and E- Marketing.)

M.Tech Apparel Technology

Introduction of Mandatory non credit course (Research Ethics)



New One credit courses (UG) SL.No Course Code Course Name 1 U18FTC0010 Flat Sketch and Design Sheet Development 2 U18FTC0011 Sourcing Sustainable Fashion 3 U18FTC0012 Leather Garments 4 U18FTC0013 Natural Dyes 5 U18FTC0014 Introduction To Industry 4.0 6 U18FTC0015 E- Marketing

Mem	bers of the Board
· University Nomir	nee: Dr.V.Selladurai, Coimbatore Institute of
	Technology
Academic Expert	s : Dr.S.Jeyaraj, National Institute of
	Technology, Calicut,
	Dr.S.Senthilvelan, Indian Institute of
	Technology, Guwahati
· Industry Expert	: Dr.T.Ramprabhu, Deputy Director, DRDO
· Alumni	: Mr.S.Dhatchinamoorthy, FORD
	Technology Services
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Recommendations from the Board



 Non credit Mandatory Industrial Internship course is introduced during the fourth semester of R18 curriculum for students admitted first year in the AY 2020 - 21



Electives Introduced - UG



One Credit Courses

- 1. U18MEC0001 Product Design and Development
- 2. U18MEC0002 Smart Manufacturing
- U18MEC0003 Nanotechnology: Mechanical Engineering's New Frontier
- 4. U18MEC0504 ANSYS Multiphysics
- 5. U18MEC0005 Renewable Energy
- U18MEC0206 Advanced Heat Transfer Enhancement
 Techniques

Members of the Board



- · University Nominee: Dr. R. Velavan, PSG College of Technology
- · Academic Expert : Dr. C. Sathiya Narayanan, NIT Trichy

Dr. P. Magaiyarkarasi, GCT, Coimbatore

· Industry Expert : Mr. Senthil Prakash, CEO, Spark Drives

and Automation

· Alumni : Mr. N. Indrajith, Robert Bosch

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Electives Introduced - PG



1. P18IEE0025 Condition monitoring

Recommendations from the Board



- BOS Members suggested to add Medical Mechatronics & Maintenance Engineering courses as professional elective.
- Members recommended to include stepper and servomotor experiments in Electrical Machines laboratory (3rd Semester).
- Inclusion of servomotor-based experiments in the Industrial Electronics and Drives laboratory (5th Semester) is recommended.
- Industry member suggested to add embedded C-based experiment in Microcontroller and Embedded System Laboratory (6th Semester).
- Members suggested to improve students research and product development funded by Internal and External funding

Electives Introduced - UG



Professional Flective Courses:

- U18MCE0018-Medical Mechatronics
- U18MCE0017-Maintenance Engineering

Recommendations from the Board



- BOS panel members welcome the idea of introducing one credit courses to be taken by industry persons. Members suggested that the one credit courses can also be handled by academic experts.
- Members suggested to reframe the syllabus for the one credit course "Weft Knitted Fabric Analysis and Calculations".
- Also suggested that the one credit courses can be offered to students in self-study mode.
- Members suggested to prepare the list of industry experts and academicians for handling one credit courses and suggested not to fix any syllabus for the same. That may be open and based on the experts experience the content may be specified at the time of offering the course to the students.

KUMARAGURU **Board of Studies-TEXTILE TECHNOLOGY**

Electives Introduced - UG



One Credit Courses

- U18TXC009 Weft Knitted Fabric Analysis and Calculations
- U18TXC010 IoT and Application in Spinning Mill U18TXC011 Unconventional/Smart/Multifunctional Textile Finishing
- U18TXC012 Industrial Engineering Techniques

- Professional Elective Courses
 1. U18TXE017- Specialty Knits
 2. U18TXE018- Automobile and Filtration Textiles
 3. U18TXE019- Geo Textiles
- U18TXE020- Protective Textiles

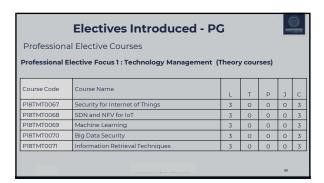
Members of the Board



- · University Nominee: Dr.R.Neelakandan, Anna University,
 - Chennai-600 025
- · Academic Expert: Dr.Apurba Das,IIT, Delhi,
 - Dr.C.Prakash, IIHT, West Bengal
- Dr.A.Subash Babu,IIT, Bombay · Industry Expert: Mr. R.Senthil Kumar, Super Sales India Limited
- · Alumni: Mr. P Kaleeswaran, Zen Linen International PVT ltd







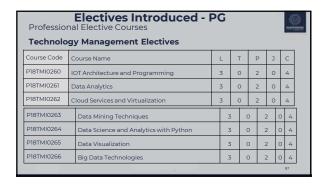
Recommendations from the Board



- As a pandemic and uncertainty measure, conduct of MSME practicum through online mode for the batch 2020-22.
- As a pandemic and uncertainty measure, Global and National immersion course for 6 credits to compensated with two 3
- credit elective courses. (only for the batch 2020-22)
 Members suggested to ensure & bridge the gap in learning capabilities of the Technology core and elective courses for students admitted for the program from non – computer science UG streams. As a measure 7-14 days of bridge courses will be introduced at beginning of each semester in Year 1.

 Program Outcomes to be revised as per NBA requirements

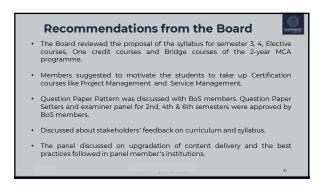




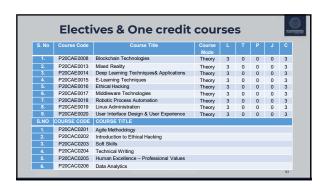
Members of the Board



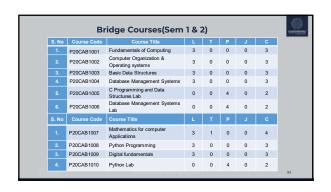
- University Nominee: Dr.S.Vijayalakshmi, Thiagarajar College of Engineering, Madurai
- · Academic Experts: 1. **Dr.P.Vasanthi Kumari**, Dayananda Sagar University, Bangalore.
 - 2. **Dr.M.Nageswara Gupta**, VIT Bhopal University, Madhya Pradesh.
- . Industry Expert: R.Madhan Kumar, Service Delivery Manager, Robert Bosch.
- Alumni: G.Senthil Kumar, Member Leadership, Zoho Corporation.

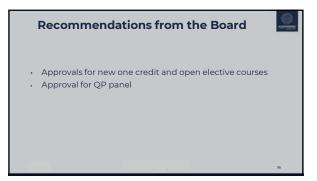


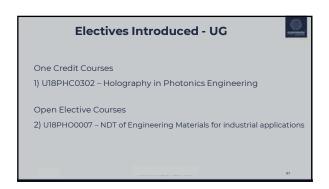






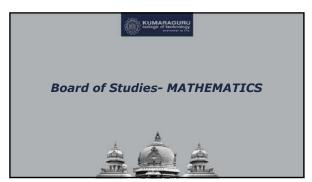
















Recommendations from the Board



- Members added that the learning of one credit courses through softwares will be more useful for students' future career.
- Industrial expert suggested to follow breadth oriented approach in learning Mathematical concepts and recommended to use interesting higher end softwares in-addition to MATLAB to make abstract Math more easier to understand.

Members of the Board



- · University Nominee: Dr. E S Uma Maheswari, GCE, Tirunelveli
- · Academic Expert: Dr. Sathyaraj Venkatesan, NIT, Trichy
- · Academic Expert: Dr. Vijaya, EFLU, Hyderabad
- · Industry Expert: Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai
- · Alumni: Mr. Abishek Paul Jackson, Benglen Public School, CBE

Electives Introduced - UG



Four new one credit courses were approved

- 1. U18MAC0302-Resource Management Techniques Using Tora
- 2. U18MAC0303- Mathematics For Cyber Security
- 3. U18MAC0304 -R Programming For Analytics
- 4.U18MAC0305 Data Analysis And Forecasting Using Python

Recommendations from the Board



- · The experts approved the introduction of the language elective courses. The language elective courses are French, German, Japanese and Hindi.
- Experts approved one credit courses and open Elective (Blog Writing, Etymology and English for Research Purposes).
- Experts laid emphasis on focusing and strengthening higher order thinking skills to promote lateral thinking and the syllabus should not only be confined to LSRW.
- English courses to be offered for all the four years of study. This would help focussing on the employability skills.

KUMARAGURU **Board of Studies-Languages and** Communication

Electives Introduced - UG



One Credit Courses

- U18ENC0502 Blog WritingU18ENC0503 Etymology

Language Elective Courses

- U18FRI2201 French Level -I U18GEI2201 German Level 1 U18JAI2201 Japanese Level I U18HII2201- Hindi Level-I

Open Elective Courses

· English for Research Purposes



Programme Delivery



DFTM

- Directorate of Futuristic Technology Management (DFTM) was established in 2013 to pursue directed research through a network of Advanced Technology Centres (ATCs) established within the academic institutes across the country.
- DFTM is instrumental in introducing and coordinating this new PG program

 DRDO centers across the nation will be extending supports for laboratories and projects on specific areas

IDST

- · Institute of Defence Scientists and Technologist(IDST) is a forum of superannuated scientists, for professional services to DRDO centers.
- IDST will facilitate the faculty expertise for the Defence Technology program

Members of the Board



University Nominee: Dr Kalil Rahiman M, Bannari Amman Institute of Technology

Academic Expert : Dr. Kannan, Amrita University

- Industry Expert : 1. Dr. S. Rajagopal, Aeronautical Development
 - Establishment (ADE), DRDO
 - 2. Dr. M. Backialakshmi, Centre for Airborne Systems, Ministry of Defence (R&D), DRDO
 - 3. Mr. P.Mueen Ahamadulla Khan, Hindusthan Aeronautics Ltd/Aeronautical Society of India

Alumni

: Mr. Sandeep Tom, Curtiss-Wright Corporation, Pennsylvania, USA

Programme Uniqueness



- Design of the Curriculum Jointly Designed by DFTM, DRDO and
- Delivery of Theory Courses Jointly by KCT , DRDO and IDST
- · Laboratory Sessions Facilitated by DRDO centers
- Project Work At DRDO Centers

Programme Approval



- M.Tech in Defence Technology is a new PG Program announced by AICTE during July 2021 (Ref: AICTE Approval Process Handbook_2021-22)
- The curriculum and syllabi prepared jointly by AICTE and DFTM, were released in a special virtual launching event held on 8.07.2021
- Institution Eligibility Requirements : Top 100 NIRF Ranking, NAAC and NBA Accreditation
- AICTE granted Approval to KCT for starting the new program on M.Tech in Defence Technology (AICTE Approval letter :F.No. Southern/1-9321460385/2021/EOA , dated 10.07.2021)
- BOS Meeting for new program was conducted on 12.07.2021
- · AICTE sent request letter to All universities requesting expeditious approval/affiliation of respective universities (F.No : AICTE/P& AP/JULY / 2021, dated: 29.07.2021)

Programme Structure



. Theory

Credits

- · Practicals :8
- · Seminars : 6 · Projects : 30

: 80

· Assessment and Evaluation – 100% as per KCT Regulation and

Programme - Specialization Streams



- 1. Combat Vehicle Engineering
- 2. Aerospace Technology
- 3. Naval Technology
- 4. Communication Systems & Sensors
- 5. Directed Energy Technology
- 6. High Energy Materials Technology

Program Delivery - Associated DRDO Labs



- 1. Centre for Artificial Intelligence & Robotics (CAIR),
- Centre for Airborne Systems (CABS),
- Aerodynamic Development Establishment (ADE) ,
- Gas Turbine Research Establishment (GTRE)
- 5. Advanced Systems Laboratory (ASL)
- 6. Defence Research and Development Laboratory (DRDL)
- 7. Defence Electronics and Research Laboratory (DLRL)

Syllabus - I & II Semesters



- Systems and warfare Platforms(4 Credits) Warfare Simulations & Strategies (4 Credits)
- Advanced Engg. Mathematics (4 Credits)
- Systems and Platforms Lab (2 Credits)
- Warfare Simulations & Strategies Lab (2) Credits)
- Elective 1 (3 Credits)
- Elective 2 (3 Credits) · Seminar (1 Credit)

Semester - II

(Based on Specialization)

- Core Theory Course 1 (4 Credits)
 - Core Theory Course 2 (4 Credits)
- Core Theory Course 3 (4 Credits) Core Practical Course 1 (2 Credits)
- Core Practical Course 2 (2 Credits)
- Elective 1 (3 Credits)
- · Elective 2 (3 Credits)
- Seminar (1 Credit)

Employment Potential and Other Outcomes



- Opportunity for students undertake real life projects at DRDO
- · Mentoring by well experienced scientists/Industries of DRDO/Allied Industries
- Consideration for recruitment at DRDO Centers and allied industries
- Opportunity for collaborated research projects

Syllabus - III & IV Semesters



Project Dissertation Phase I (10 Credits) ar/Industrial Training (4 Credits)

Project Dissertation Phase 2 (20 Credits)



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Ref: KCT/ACM/M21/2021-2022

01st Sept 2021

Dear Sir / Madam,

Sub: 21stAcademic Council Meeting of Academic - reg.

We wish to inform that the 21stAcademic Council Meeting of Academic Autonomy of Kumaraguru College of Technology, Coimbatore is scheduled to be held at 11.00 am on 08th Sept 2021 (Wednesday) in ONLINE mode.

AGENDA OF THE MEETING

- To consider and approve the following two new programmes under the Department of Management Studies for submission to the University to seek affiliation (and to the AICTE for approval if required) from the AY 2022-2023
 - a. MBA-PROJECT MANAGEMENT (Full time 2 years)
 - b. MBA AGRI BUSINESS MANAGEMENT (Full time 2 years)
- 2. Any other matters

Kindly make it convenient to attend the meeting as per schedule.

Thanking You



Yours-sincerely,

Dr. D. Saravanan

Principal

(Chair man A Acade min Council) Ph.D.,

PRINCIPAL

Kumaraguru College of Technology Coimbatore - 641 049.

To The Members Concerned

> P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

info @kct.ac.in





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MEETING OF THE 21st ACADEMIC COUNCIL

Date: 08th Sept 2021 (Wednesday)

Online Meeting: MS Teams Platform

TABLE AGENDA

SI.No	Time	Agenda Points	Ву
1	11.00 am to 11.05 am	Welcome Address	Dr. D.Saravanan, Principal &Chairman – Academic Counci Autonomous Statute
2	11.05 am to 11.10 am	Introduction of BoS chairpersons	Dr. S. Sundaresan Head Autonomou
3	11.10 am to 12.10pm	For Approval of New Programmes Approval of the following two new programmes under the Department of Management Studies, from the Academic Year 2022-2023, and submission to the University for affiliation a. MBA - PROJECT MANAGEMENT (Full time – 2 years) b. MBA - AGRIBUSINESS MANAGEMENT (Full time – 2 years) - PPT presentation	Dr. Mary Cherian HOD/MBA
4	12.10 pm to 12.25 pm	Any other matter with the permission of the Chairman, Academic Council, Autonomous Statute.	Dr. D.Saravanan, Principal & Chairman – Academic Council Autonomous Statute
5	12.25 pm to 12.30 pm	Vote of Thanks	Dr. J. Vijay Prakash DCoE, KCT

Jan Healvery

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06 info @kct.ac.in



Date: 28.07.2021

MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council
2.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering
3.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering
4.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering
5.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering
6.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering
7.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering
8.	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering
9.	Dr. S. A. Pasupathy	Professor and Head, Chairman - Board of Electronics & Communication Engineering
10.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering
11.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology
12.	Dr. M. Alamelu	Professor and Head(i/c), Chairperson - Board of Information Technology
13.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engineering
14.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology
15.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology
16.	Dr K Maheswari	Head & Chairperson – Board of Mathematics
17.	Dr H Arul	Head & Chairman – Board of Physics
18.	Dr K R Aranganayagam	Head & Chairman – Board of Chemistry
19.	Dr Arokia Lawrence Vijay	Head & Chairman – Board of English
20.	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies

21.	Dr. M. Manikantan	Professor and Head, Chairman – Board of Computer Applications
22.	Dr. M. Ezhilarasi	Associate Dean & Head School of Foundational Sciences

	ers of the college representing control of service in the College	different categories of te	aching staff by rotation on the basis	
23	Dr. A. Vasuki	Controller of Examinati	Controller of Examinations	
24	Dr Vinohar Stephen Rapheal	Associate Professor - Bi	otechnology	
25	Dr. S. Sundaresan	Head Autonomous / Ass	so. Prof Textile Technology	
26	Dr. J. Vijay Prakash	Associate Professor & D Council Meeting	Associate Professor & Deputy CoE – Convener, Academic Council Meeting	
_	ts nominated by the Governing try, Commerce, Law, Education	9	college representing such areas as , etc.,	
27	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	selvan.cm@srmuniv.ac.in selvancm@gmail.com director.et@srmuniv.ac.in +91-44-27456020 099400 36004	
28	Mr.Niranjan.P	Former Executive Director, Cameron Manufacturing India Pvt Ltd, Third Floor, TIDEL Park, Vilankurichi Road, Civil Aerodrome Post, Coimbatore 641 014,India	npiyer@npiyer.com Niranjan.P@c-a-m.com Tel: (91) 422 3995010 Fax: (91) 422 3995001 98947 90810	
29	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	ramesh@janatics.co.in Tel: +91 422 2672800 Fax: +91 422 2672304 98943 18377	
30	Ms.Sudha Rengarajan (KCT Alumni – 85-89 batch)	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road,	Sudha11@yahoo.com Sudha.rengarajan@intel.com Direct: +91 80 2605 3939 Cell: +91 99803 93108 Fax: +91 80 2605 5251	

		Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	
31	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045.	
Nomin	ees of the University		
32	Dr. S. Shenbaga Devi	Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025 Mobile: 99412 04021 044-2235 8870 Email id: s_s_devi@annauniv.edu	
33	Dr. J. Kumar	Former Professor Crystal Growth Centre Anna University, Chennai- 600 025 0091 – 44 – 22358329;22352774; +91 9444 125 128 Email ID: marsjk@gmail.com; marsjk@annauniv.edu	
34	Dr. J. Nafeesa Begum	Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104 Mobile: 94862 54133 Email ID: nafeesa.research@gmail.com	

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.



08th September 2021

Minutes of the 21st Meeting of Academic Council of the Autonomous Body

The 21st meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 08th September 2021 (Wed) from 11.00 a.m. to 12.30 pm in online mode via MS Teams.

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

Men	Members Nominated by Anna University Chennai		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025	
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025	
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	

7.5	Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,		
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	
6	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 02	
7	Mr.P.Niranjan	CEO, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Road, Coimbatore - 641 018, India	

Minutes of 21st Academic Council Meeting, 08 Sept 2021

Intern	Internal Members and Board Chairpersons			
Sl.No.	Name of the Member	Designation & Department		
8	Dr. A. Vasuki	Controller of Examinations		
9	Dr. S. Sundaresan	Head Autonomous		
10	Dr. J. Vijay Prakash	Convener, AC Meeting		
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations		
12	Dr. V. Selvan	Chairman – Board of Civil Engineering		
13	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering		
14	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering		
15	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering		
16	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering		
17	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering		
18	Dr. P. Devaki	Chairperson - Board of Computer Science and Engineering		
19	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology		
20	Dr. M. Alamelu	Chairperson - Board of Information Technology		
21	Dr. R. Baskar	Chairman - Board of Biotechnology		
22	Dr. G. Ramakrishnan	Chairman -Board of Fashion Technology		
23	Dr. M. Ezhilarasi	Associate Dean		
24	Dr. H. Arul	Chairman - Board of Physics		
25	Dr. Mary Cherian	Chairperson -Board of Management Studies		
26	Dr. M. Manikantan	Chairman – Board of Computer Applications		
27	Dr. M. Suguna	Chairperson - Information Science and Engineering		

01. Welcome Address

Dr. D. Saravanan, Principal, KCT and Chairman – Academic Council, welcomed the members to the 21st meeting of the Academic Council and briefed the proceedings.

02. Approval of newly introduced programme:

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Head of the Department – Chairperson, BoS of Management Studies to present and seek the approval for the Regulations, Curriculum and Syllabus of the two new PG programme as per the details mentioned below:

✓ Curriculum and Syllabi for the Two years MBA - PROJECT MANAGEMENT (Full time - 2 years) to be introduced from the AY 2022-2023 under Regulations 2022

After detailed deliberations, the committee approved the above proposal for the AY 2022-2023.

✓ Curriculum and Syllabi for the Two years MBA - AGRIBUSINESS MANAGEMENT (Full time – 2 years) to be introduced from the AY 2022-2023 under Regulations

After detailed deliberations, the committee approved the above proposal for the AY 2022-2023.

03. Any other matter with the permission of the Chair: - NIL

04. Suggestion by the external members of the Academic Council: -

Members appreciated the curriculum and syllabi framed for the MBA - PROJECT MANAGEMENT and MBA - AGRIBUSINESS MANAGEMENT

MBA - PROJECT MANAGEMENT

Suggestions from Dr.J.Kumar - University Nominee

- ➤ Suggested to interact with Nandan Nilekani, Former Chairman of the Unique Identification Authority of India (UIDAI) to get idea on Smart City Management, Smart Management in Health Care.
- Advised to consult the Lakshmi Machine works, FORGE for getting addition input for fine tuning the curriculum and syllabus.
- Suggested to invite faculty from Computer Science and Mechanical Engineering Departments to be a part of the programme.
- Appreciated that this programme could be a flagship programme for KCT.

Suggestions from Dr. S. Shenbaga Devi - University Nominee

- > Suggested to verify the total credit of the programme (Total credit is 102) with Anna University MBA programme.
- > It was clarified that the existing MBA programme of KCT has the total credit of 102.
- > To the query of whether the mandatory courses for MBA has been included.
- It was clarified that the mandatory courses for MBA have been included.
- Asked clarification about why end semester examination duration is 2 hours, and it is clarified that existing programme end semester examination is conducted for duration of 2 hours.

Suggestions from Dr. J. Nafeesa Begum - University Nominee

- Suggested to include computer based analytical tools to analyse the project implementation.
- Training on computer applications for project management can be considered.

Suggestion from Mr.P.Niranjan, Industry Nominee

Training on smart MS project may be included.

Suggestion from Ms.Sudha Rengarajan - Alumnus

> SAFe agile frame work can be included

MBA - AGRIBUSINESS MANAGEMENT

Suggestions from Dr.J.Kumar - University Nominee

- Project on integrated uses of plantain can be considered.
- > TNAU can be consulted for getting additional inputs to fine tune the syllabus.
- > Topic on crop yield management can be included.
- > Development of different Mobile Apps can be a part of the programme for the benefit of farmers.
- Involve the Association Members from domains of sugarcane, plantains, paddy, and animal husbandry to get inputs and suggestions

Suggestions from Dr. S. Shenbaga Devi - University Nominee

- Suggested to give focus on processing, ware house, market management areas
- Grouping of electives courses may be done as per specialization.

Suggestion from Dr. J. Nafeesa Begum - University Nominee

Grouping of elective courses can be done as per specialization.

Suggestion from Ms.Sudha Rengarajan - Alumnus

> IoT applications concepts can be included in curriculum.

Suggestion from Mr. R. Ramesh - Alumnus

Post Graduate Diploma course in project management can also be considered.

05.Vote of Thanks

Approved by

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

1	Dr. D. Saravanan	Chairman - Academic Council / Principal	Janey
Nom	ninee of Anna University		
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025.	Shenhapa 7
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025.	Rumar
	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College	Dr. J. NAFEESA BEGUM, M.E. PA.D

The meeting came to an end at 12.30 pm.



Chairman, Academic Council / Principal

Signature

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

of Engineering, Bargur, Krishnagiri – 635 104 **Experts Nominated by the Governing Body:**

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	from
6	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 02	Only
7	Mr.P.Niranjan	CEO, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018, India	S. Giner

Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
8	Dr. A. Vasuki	Controller of Examinations	Qui
9	Dr. S. Sundaresan	Head Autonomous	Dundanis
10	Dr. J. Vijay Prakash	Convener, AC Meeting	2
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations	101
12	Dr. V. Selvan	Chairman – Board of Civil Engineering	Ill
13	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering	
14	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering	5.51_
15	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering	aco
16	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering	Creson
17	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering	ALL
18	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering	S. Dunali
19	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology	Vandter

Minutes of 21st Academic Council Meeting, 08 Sept 2021

Sl.No.	Name of the Member	Designation & Department	Signature
20	Dr. M. Alamelu	Chairperson - Board of Information Technology	Qu-
21	Dr. R. Baskar	Chairman – Board of Biotechnology	RASI
22	Dr. G. Ramakrishnan	Chairman -Board of Fashion Technology	Kann
23	Dr. M. Ezhilarasi	Associate Dean	98 Dre
24	Dr. H. Arul	Chairman - Board of Physics	H. Amp
25	Dr. Mary Cherian	Chairperson –Board of Management Studies	wanghiran
26	Dr. M. Manikantan	Chairman – Board of Computer Applications	M. Slanforder.
27	Dr. M. Suguna	Chairperson - Information Science and Engineering	my

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body
3	Dr. Anil Kumar	Chairman - Board of Electronics & Instrumentation Engineering	Internal Members and Board Chairpersons
4	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry	Internal Members and Board Chairpersons
5	Dr. K. Maheswari	Chairperson - Board of Mathematics	Internal Members and Board Chairpersons
6	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English	Internal Members and Board Chairpersons
7	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering	Internal Members and Board Chairpersons

To: All the members



Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.



Members of Board of Studies



Industry Expert

- Mr.K.Ravi, CFO, Roots Group of Companies, Coimbatore
- Mr.Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore
- Dr.Chandrasekaran A, Founder Director, Infocareer, Chennai

 Ms.Krishna Rubigha, CEO, Ampere Voltage Consulting(P) Limited, Coimbatore

Special Invitee

Mr. R Rajiv Aravindan, Bid Manager (Projects), Siemens Mobility Ltd,
Singapore



Why MBA in Project Management?



- Project management is a fast-growing, high-paying career that offers the potential to work in almost any field
- Today, project management skills are in high demand in almost every commercial sector
- Demand for project managers is also likely to remain strong in future years, stimulated by several factors, including:
 - Compression of the life cycle for products and / or services.
 - Technological advancement and the explosion of knowledge.
 - Widespread adoption of the triple bottom line philosophy (planet, people, profit).

Members of Board of Studies



University Nominee:

 Dr.Thamaraiselvan N, Professor, National Institute of Technology, Trichy

Academic Experts:

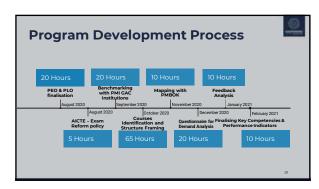
- Dr.P.Chithramani, Dean & Professor, Avinashilingam University, Coimbatore
- Dr.V.Senthilkumar, Professor, Indian Institute of Technology, Palakad

Program Highlights

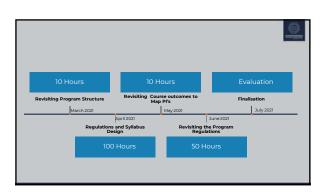


- Design of the Curriculum Jointly Designed by KCT and PMP certified experts and mapped to the ten PMI Knowledge areas
- Benchmarking of curricula with GAC-PMI accredited institutions
- Delivery of Theory Courses Jointly by KCT and PMP certified experts
- Project Work With renowned Project Organisations
- No other institute in the region offers such a program
- Aim to get accredited in 2025 by GAC-PMI, USA very few institutions across the globe are accredited by GAC -PMI



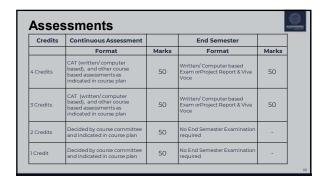






Well structured program and mapped to the relevant PMI Knowledge areas" - Dr.V.Senthilkumar, Indian Institute of Technology, Palakad. "Association with PMI and PMI certifications forms the USP and adds value to the program" - Mr.Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore. "Capstone simulation will provide a hands-on experience for the future project managers" - Dr.P.Chithramani, Avinashilingam University, Coimbatore.

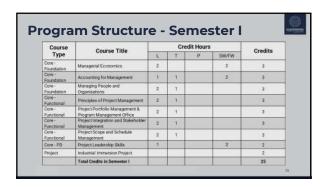




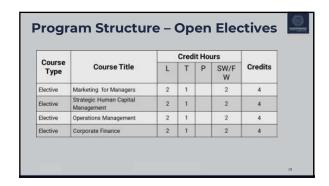
Course Type	Course Title		Credits			
		L	T	Р	SW/FW	
Core - Integrated	Research Methodology	2			2	3
Core - Integrated	Decision Models for Projects	2	1			3
Core - Integrated	Procurement and Supply Chain Management	2			2	3
Core - Functional	Cost Management in Projects	2	-1			3
Core - Functional	Project Design for Quality	2	1			3
Core - Functional	Project Planning and Control	2	1			3
Core - Functional	Project Selection and Appraisal	2	1			3
Core - PD	Project Communication Skills	2				2
Core - Functional	Project Management Capatone Simulation	1		2		2
	Total Credits in Semester II					25

Course Type	Sem I	Sem II	Summer Internship	Sem III	Sem IV
Core courses	9	9		3	3
Functional courses	12	14		3	3
Electives (Open + Optional)	-	-		8	8
Professional Development courses	2	2		2	1
Project	2	-	3	6	12
TOTAL	25	25		25	27

	C		Credit Hours				
Course	Course Title	L	Т	Р	SW/F W	Credits	
Core - Integrated	Strategic Project Management	2	11:			3	
Core - Functional	Practical Application of Project Management Software	2		2		3	
Core - PD	Project Negotiation Skills	2				2	
Project	Project Management Research 1					6	
Elective	Elective 1(Open elective)					4	
Elective	Elective 2 (Optional elective)					4	
Project	Summer Internship					3	
	Total Credits in Semester III			-		25	



Course Type	Course Title	L	Т	Р	SW/F W	Credits
Core - Integrated	Business Law and Ethics	2			2	3
Core - Functional	Project Risk Management	2	1			3
Elective	Elective 3 (Open elective)					4
Elective	Elective 4 (Optional elective)					4
Core - PD	Managing Project Team Skills	3				1
Project	Project Management Research 2					12
	Total Credits in Semester IV					27
	Total Cumulative Credits					102



 Program would provide students with competencies necessary to succeed as project management leaders for modern organizations.
 Students would be trained on project management tools, techniques, and processes necessary to effectively manage

organizational projects in the global economy.

Program Structure - Optional Electives Credit Hours Course Type Course Title Credits Т Р SW/F Agile Project 2 17 Elective Management Knowledge 2 1 Management
Project Contract
Management
Project Innovation
Entrepreneurship Elective Elective 2 1 2 2 2 Elective







Members of Board of Studies



University Nominee:

 Dr. Thamaraiselvan Natarajan, National Institute of Technology, Trichy.

Academic Expert:

- Dr.P.Chithramani, Dean & Professor, Avinashilingam University, Coimbatore.
- Dr. Xavier Jacob, Professor, College of Agriculture, Trivandrum.
- · Prof. Sukhpal Singh, Professor, IIM(Ahmedabad).

25

Program Highlights



- · Real Time Projects
- Summer Internship 3-4 weeks during summer vacation
- Project Phase I, Project Phase II: 15 credits
- Value added courses: 03 credits
- Real Time Learning through Farm, Dairy Plant, Agri Business Units visits: SW & FW
- · Collaboration with KIA

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Members of Board of Studies



Industry Expert:

- Mr. R. Rajendran, MD, Rasi Seeds, Coimbatore.
- Mr. K. Ravi, CFO, Roots Group of Companies, Coimbatore
- Mr. Dhineshkumar, Project Lead, Lantrasoft (P)Limited, Coimbatore Alumni:
- Ms. Krishna Rubigha, CEO, Ampere Voltage Consulting Pvt. Ltd., Special Invitee:
- Prof. Sudheer K P, Kerala Agricultural University, Thrissur.

26

Program Delivery



- Summer Internship: 3 4 weeks
- Project Phase I:5 6 weeks
- Project Phase II: 8 9 weeks
- Farm/diary/Agri-business unit Program
- Expert Talks, case studies

Why MBA in Agribusiness Management

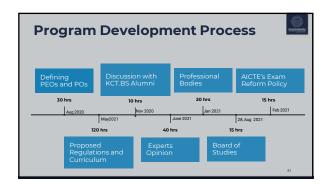


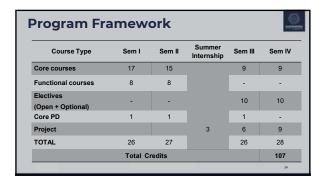
- Potential to address challenges of food and related sectors
- Demand for value added foods
- Integration of food markets
- Transform an individual into a professional agribusiness manager

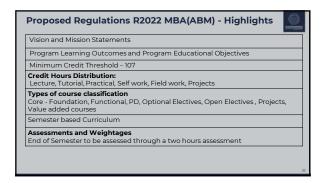
Observations by Members of BoS

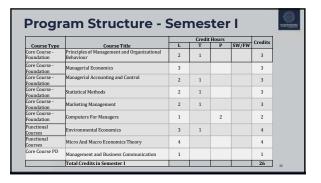


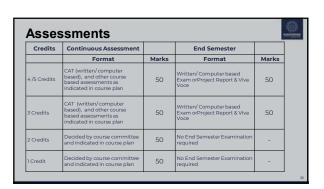
- Mr. Ravi, Roots Industries appreciated the initiative and emphasised the need for MBA in ABM program.
- Mr. Rajendran, Raasi Seeds highlighted the significance of courses in Analytics and Statistics
- Dr. Thamaraiselvan, NIT Suggested to have MoU with research centres in Agriculture.
- Dr. Easwaramoorthy, Amity University Suggested to explore the organisation 'CARGILL' to understand the employers expectations.

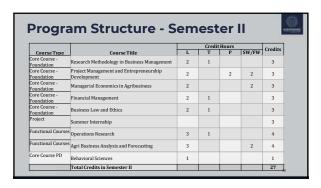


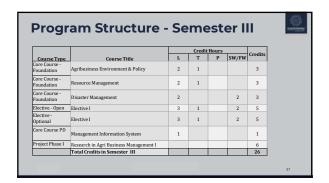


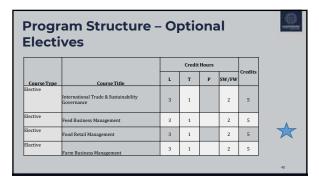


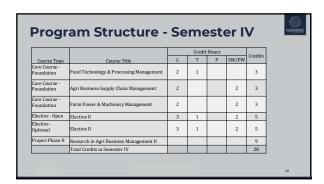




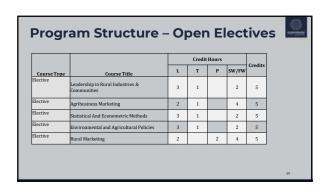


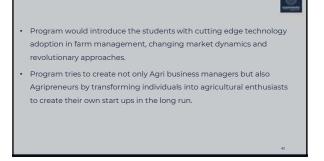


















28th January 2022

Minutes of the 22nd Meeting of Academic Council of the Autonomous Body

The 22nd meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 28th January 2022 (Friday) from 11.00 a.m. to12.00 noon in online mode via MS Teams.

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025			
3.	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai- 600 025			
4.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104			

2000		ning Body from outside the college representing such areas a on, Medicine, Engineering, etc.,
5.	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103
6	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018, India

Intern	Internal Members and Board Chairpersons		
Sl.No.	Name of the Member	Designation & Department	
7	Dr. A. Vasuki	Controller of Examinations	
8	Dr. S. Sundaresan	Head Autonomous	
9	Dr. J. Vijay Prakash	Convener, AC Meeting	
10	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations	

Minutes of 22nd Academic Council Meeting, 28th Jan 2022

Sl.No.	Name of the Member	Designation & Department				
11	Dr. V. Selvan	Chairman - Board of Civil Engineering				
12	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering				
13	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering				
14	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering				
15	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering				
16	Dr.K.K Anilkumar	Chairman - Board of Electronics & Instrumentation Engineering				
17	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering				
18	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering				
19	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering				
20	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology				
21	Dr. M. Alamelu	Chairperson - Board of Information Technology				
22	Dr. R. Baskar	Chairman - Board of Biotechnology				
23	Dr. G. Ramakrishnan	Chairman -Board of Fashion Technology				
24	Dr. M. Ezhilarasi	Associate Dean				
25	Dr. H. Arul	Chairman - Board of Physics				
26	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry				
27	Dr. K. Maheswari	Chairperson - Board of Mathematics				
28	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English				
29	Dr. Mary Cherian	Chairperson -Board of Management Studies				
30	Dr. M. Manikantan	Chairman – Board of Computer Applications				
31	Prof. U. Thiruvaazhi	Chairman-Information Science and Engineering				

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 22^{nd} meeting of the Academic Council and briefed the proceedings.

02. Approval for the conduct of end semester examinations

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Controller of Examinations Dr.A. Vasuki to present and seek the approval for the conduct of end semester examinations- December 2021 for all UG/PG/Ph.D course work examination and approval of Question paper patterns for the conduct of theory end semester examinations in online mode.

✓ Permission sought for conducting END SEMESTER EXAMINATIONS REGULAR & ARREARS - NOV / DEC 2021 with reference to Government Order & Anna University notifications Letter No. 14595/A2/2021-2 dated 22.01.2022 (HEI Guidelines for conduct of online ESE from 1st Feb 2022) and Letter No. 351/AU/CAC/Auto-

ESE/2022 dated 24.01.2022 Guidelines for conduct of online ESE for the following Programmes:

- o BE / BTech R2018, R2017, R2015, R2014 (Batches 2020-24, 2019-23, 2018-22, 2017-21, 2016-20, 2015-19, 2014-18),
- o ME / MTech R2018, R2015 (Batches 2020-22, 2019-21, 2018-20, 2017-19),
- o Ph D Course Work R2018 (Dec 2021 Session),
- o MBA R2017 (Batches 2020-22, 2019-21, 2018-20, 2017-19),
- o MBA (IEV) R2020 (Batch 2020-22),
- MCA R2020, R2018, R2017, R2015 (Batches 2020-22, 2019-22, 2018-21, 2017-20, 2016-19, 2015-18)
- The end semester exam for theory is going to be conducted through ONLINE mode using Neo Examly Platform for the duration of 3 hours. (Forenoon session: 9.30 am to 12.30 pm, Afternoon session 1.30 pm to 4.30 pm).
- The question paper for the respective exams Uploaded and Available: 9.00 am & 1.00 pm as per the
 exam time table. The answer script to be uploaded by the student within one hour of completion of the
 exam.
- The online exam is Manually Proctored with Faculty Invigilators. Soft Copy of First Page will be shared
 to students for each exam and the student are instructed to write Register No, Name, Course Code,
 Course Name, Date, Page No, and Signature on every page.
- Exam to be written by using A4 size paper both sides for the maximum of 40 pages using blue / black pen.
- The completed answer scripts to be Scanned and Uploaded as PDF format. Answer script should be tied
 with thread and sent by Speed Post/Regd. Post/Courier/Handed over in person to the college (address
 given)

Question paper pattern

Regulations	Programmes
R2020	MCA / MBA(IEV)
R2018	BE / BTech / ME / MTech / MCA
R2017	BE/BTech/ME/MTech/MCA/MBA
R2015	BE / BTech / ME / MTech /MCA
R2014	BE/BTech

- The Ph D Course Work End Semester Exams will be conducted OFFLINE MODE for the duration of 3 hrs and the QP Pattern & Passing Requirements will be as per PG Regulations
- The Special Arrears End Semester Exams will be conducted in ONLINE MODE for the duration of three
 hours and the Question paper & Passing Requirements will be as per respective regulations.
- End Semester Exams for Practical Courses will be conducted in OFFLINE MODE for the duration of three hours and the passing requirement is as per regulations.
- The process for valuation of answer scripts will be done in physical mode using the Hard Copy received through Post/Courier / In Person) as a central valuation.

After the detailed deliberations, the committee approved the above proposal for the odd semester of AY 2021-2022.

02. Approval of minor specialization course, bridge courses and additional credit courses for all UG and PG programmes

Chairman Academic Council invited the Chairpersons of BOS of Computer Science and Engineering, Mechatronics engineering, Mathematics, Physics, Chemistry and English to present and seek the approval for the minor specialization course and additional credit courses for all UG and PG programmes

The list of minor specialization and additional credit courses are listed below

S.No	Board	Detail of the course		
	кольничного плицивить 2020 годинация на 121	Bridge course – (2 credits)		
		U18CST0101-Basics of Computing		
	CSE	Minor Specialization courses (15 credits)		
1		✓ Cyber Security		
		✓ Internet of Things		
		✓ Enterprise Networking and Network Programming		
2	MCE	Minor Specialization courses (15 credits)		
2	MCE	✓ 3D printing		
		Bridge Course (2 credits)		
3.	Mathematics	U18MAT0101-Foundation Mathematics for Engineers		
3.		Minor Specialization-(15 Credits)		
		✓ Data Science		
4	Physics	Bridge course (2 credits)		
7	Physics	U18PHT0004 – Foundational Physics for Engineering		
		Bridge Courses (2 Credits)		
		U18CHT0001: Chemistry for Textiles (For TXT and FT)		
5	Chemistry	U18CHT0002: Chemistry for Biotechnology (For BT)		
5	Chemistry	U18CHT0003: Chemistry for Circuit Engineering (For ECE, EEE, EIE,		
		CSE, IT, ISE, AIDS)		
		U18CHT0004: Applied Chemistry (For ME, MCE, AE, AUE, CE)		
		Bridge Course (2 Credits)		
-		UG - U18ENT0101 - Language Competency Enhancement.		
		PG - P18ENT0101 - Proficiency Enhancement		
6	English	<u>Language Elective Courses – 3 credits – for UG</u>		
	English	U18FRI3201 - French Level - II		
4		U18GEI3201 - German Level - II		
		U18JAI3201 - Japanese Level - II		
		U18HII3201- Hindi Level-II		

- The minor specialization courses is for 15 credits and if a student completes the 15 credits in a particular course only considered for completion of minor specialization or if she /he drops during the course the credit earned by the student will be considered as extra credits only.
- For conducting the minor specialization course on 3D printing the expertize from the faculty of ECE department can be utilized

 In the bridge course Foundation of Mathematics for Engineers adding of probability and statistics topics can be included in the upcoming year.

After detailed deliberations, the committee approved the above proposal for the AY 2021-2022.

03. Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

App	roved by		Signature
1	Dr. D. Saravanan	Chairman - Academic Council / Principal	James
Non	ninee of Anna University		,
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Shenleagar
3	Dr. J. Kumar	Former Professor, UGC-BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-600 025	Rumar
4	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	28/01/22

The meeting came to an end at 12.30 pm.

Chairman, Academic Council/Principal

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	floor
6	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018, India	Minjur. P

Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature	
7	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	Qui	
8	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	XX->	
9	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	2	
10	Dr. Vinohar Stephen Associate Professor in BT and Head – Academic Innovations		W.	
11	Dr. V. Selvan	lle		
12	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C.velmery	
13	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering		
14	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	5.5(
15	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	X P.s. hk	
16	Dr.K.K. Anilkumar	Professor, Chairman - Board of Electronics and Instrumentation Engineering	K.K. 10)	
17	Dr. K. Malarvizhi	Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	Cross	
18	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	S. Dunal	
19	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	S. Drenali	
20	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	Jank John	
21	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	Que	
22	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	P. Aa, C.	
23	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology	1Ramos	

Minutes of 22nd Academic Council Meeting, 28th Jan 2022

Sl.No.	Name of the Member Designation & Department		Signature
24	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	gglipe.
25	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	Hadin
26	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	(5)
27	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	Halin
28	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	800m
29	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	man phi and
30	Dr. M. Manikantan	Head (i/c), Chairman – Board of Computer Applications	M. Marlangan
31	Prof. U. Thiruvaazhi	Head (i/c), Information Science and Engineering	M. Marifanfan.

Members not present:

Sl.No.	Name of the Member	Organization	Role	
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body	
2	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Experts Nominated b Governing Body	
3	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body	

To: All the members



Chairman, Academic Council/Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCHAL
Kumaraguru College of Technol

Dear Sir / Madam,

Greetings from Kumaraguru College of Technology!

As per the direction from the Controller of Examinations, Anna University Chennai on 29.01.2021, it is informed that the examinations for all the Post Graduate Programmes (except Integrated M.B.A.) and Ph.D. course work of all regulations registered during Nov/Dec 2021 session shall be conducted in conventional pen and paper (offline) mode (Refer Attachment).

In this regard we request the members to approve the Addendum in Minutes of 22nd Academic Council Meeting to conduct the Post Graduate Programmes (except Integrated M.B.A.) and Ph.D. course work of all regulations registered during Nov/Dec 2021 session in pen and paper (offline) mode and the same may be ratified during next Academic Council Meeting.

Addendum:

"Permission to conduct physical mode of examinations using pen and paper for - II year ME/M.Tech/MBA/MBA(IEV)/MCA and III year MCA programme at KCT as per the academic regulations applicable to them", may be approved.

OFFICE OF THE CONTROLLER OF EXAMINATIONS ANNA UNIVERSITY :: CHENNAI – 25

29-01-2022

NOVEMBER / DECEMBER 2021 EXAMINATIONS POST-GRADUATE AND Ph.D. PROGRAMMES

As per the direction, it is informed that the examination for all the POST-GRADUATE PROGRAMMES (except Integrated M.B.A.) and Ph.D. COURSEWORK of all Regulations registered during November / December 2021 Session shall be conducted in conventional pen and paper (offline) mode.

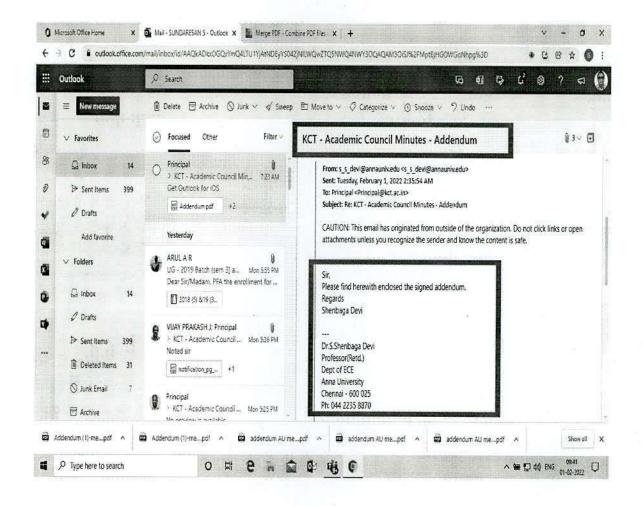
The revised timetable for the Examinations of the PG Programmes and Ph.D. Coursework will be published shortly in https://aucoe.annauniv.edu.

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Chennai

CONTROLLER OF EXAMNATIONS (i/c)

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Dear Sir / Madam,

Greetings from Kumaraguru College of Technology!

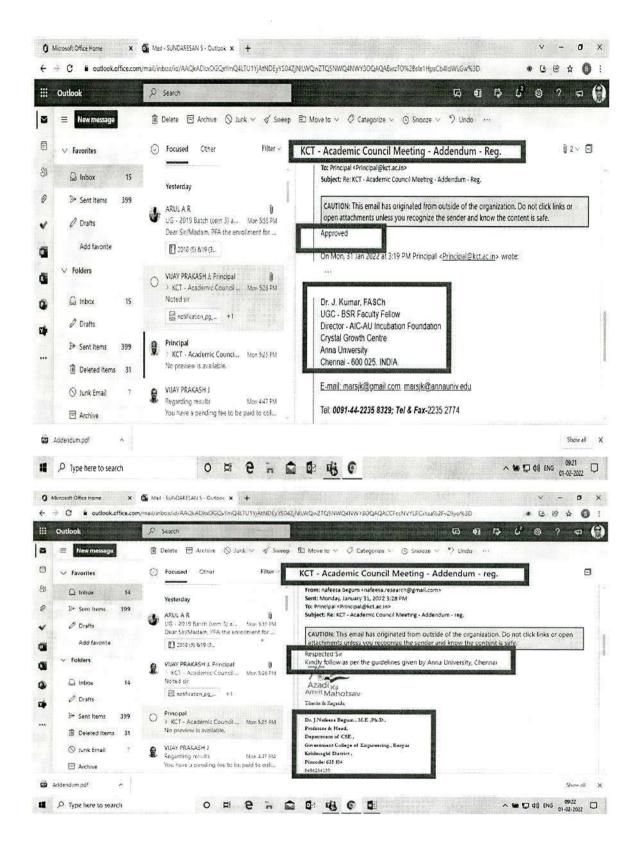
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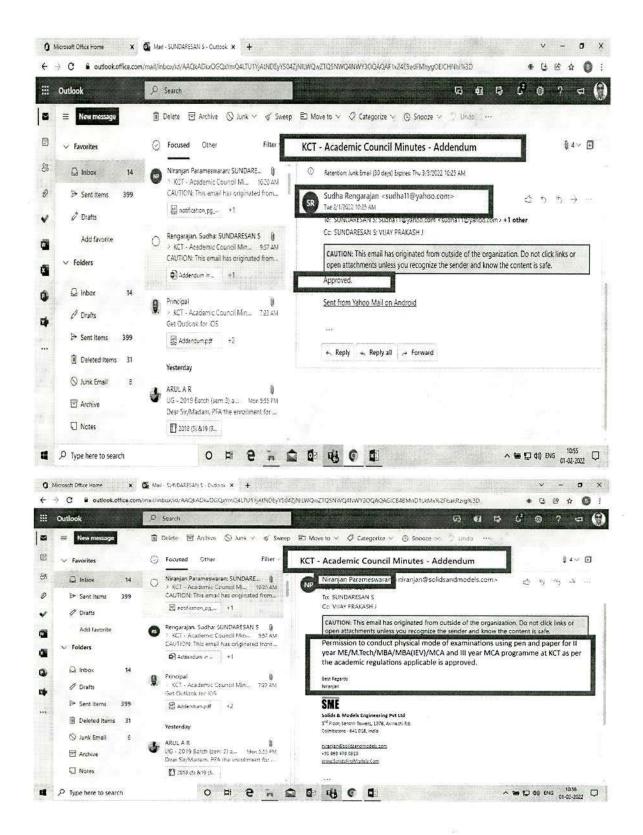
In this regard we request the members to approve the Addendum in Minutes of 22nd Academic Council Meeting to conduct the Post Graduate Programmes (except Integrated M.B.A.) and Ph.D. course work of all regulations registered during Nov/Dec 2021 session in pen and paper (offline) mode and the same may be ratified during next Academic Council Meeting.

Addendum:

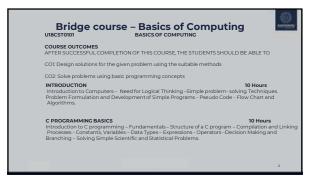
"Permission to conduct physical mode of examinations using pen and paper for - II year ME/M.Tech/MBA/MBA(IEV)/MCA and III year MCA programme at KCT as per the academic regulations applicable to them", may be approved.

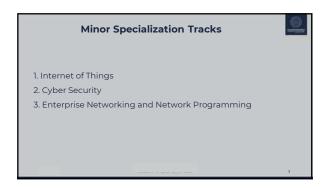
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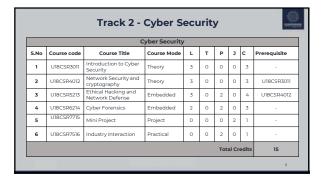


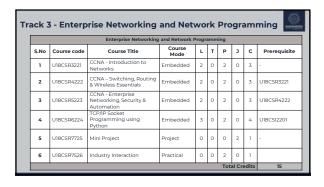


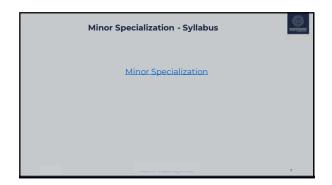




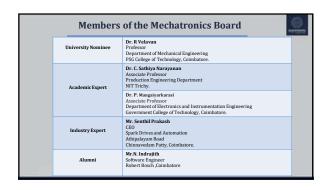
		In	ternet of Thing	s					
S.No	Course code	Course Title	Course Mode	L	т	P	J	С	Prerequisite
1	U18CSR3001	IoT Fundamentals and Applications	Theory	3	0	0	0	3	-
2	U18CSR4202	IoT Protocols and Programming	Embedded	2	0	2	0	3	U18CSR3001
3	U18CSR5203	IoT Analytics	Embedded	3	0	2	0	4	U18CSR4202
4	U18CSR6004	Industrial IoT	Theory	3	0	0	0	3	U18CSR3001
5	U18CSR7705	Capstone Project	Project	0	0	0	4	2	-
						Tota	al Cr	edits	15

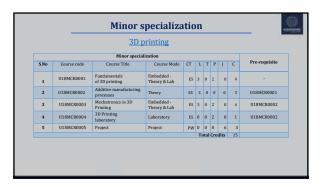






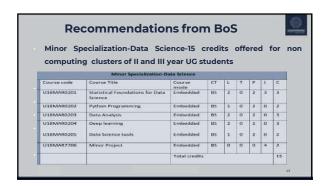


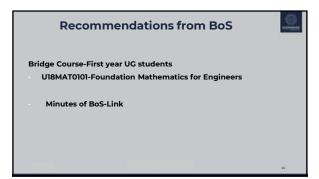






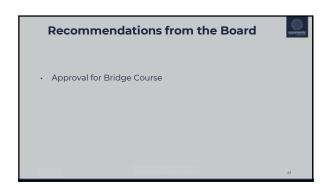


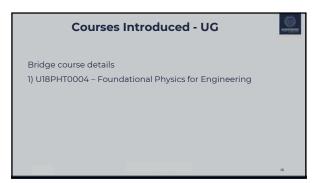






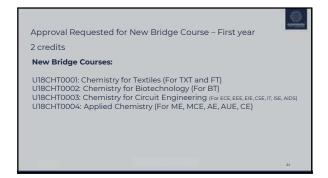














Members of the Board



- · University Nominee: (Dr. E S Uma Maheswari, GCE, Tirunelveli)
- · Academic Expert: (Dr. Sathyaraj Venkatesan, NIT, Trichy)
- · Academic Expert: Dr. Vijaya, EFLU, Hyderabad
- Industry Expert: (Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai)
- · Alumni: (Mr. Abishek Paul Jackson, Benglen Public School, CBE)

3

Recommendations from the Board



- The experts approved the introduction of the level II language elective courses. The language elective courses are French, German, Japanese and Hindi.
- Experts approved Bridge Course syllabus for I year B.E., B.Tech and PG programs

24







Ref:KCT/ACM/M23/2021-2022

13th July2022

Dear Sir/Madam,

Sub: 23rd Academic Council Meeting -reg.

Warm greetings from Kumaraguru College of Technology

We wish to inform that the 23rd Academic Council Meeting of Kumaraguru College of Technology, Coimbatore is scheduled to be held, 11.00 am on 30th July 2022 (Saturday), at Kumaraguru college of Technology, Coimbatore.

AGENDA

- Approval of the amendments related to academic results processing in the R18 Regulation for UG and PG as per the instruction given by Anna University Chennai for students admitted in the academic year 2021-22.
- Approval for change in curriculum, R18 (Revised) and course codes in I and II semesters and in subsequent semesters under R18 Regulation (Amended).
- 3) Approval for Eligibility Criteria to appear in the End Semester Examinations.
- 4) Approval for Universal Human Value II (U18VET401) course as Non-CGPA mandatory credit course in 4th Semester as per AICTE Guidelines.
- 5) Approval for preparing Regulation 2022 in phased manner, including further suggestions / instructions from AU and TN Government.
- 6) Any other matter with the permission of Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thank you,

Yours Sincerely,

Dr.D.Saravanan

Principal and Chairman, Academic Council

To

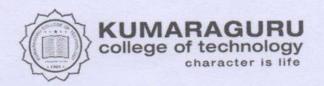
Members concerned

Encl.: Notifications and Instructions received from Anna University, Chennai



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

info @kct.ac.in



MEETING OF THE 23rd ACADEMIC COUNCIL

Date: 30.07.2022 (Saturday)

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	11.00 am	Welcome Address	Dr. D. Saravanan, Chairman – Academic Council
2	11.05 am	Agenda of the meeting	Dr. S. Sundaresan, Head- Autonomous
3	11.10 am	 ✓ Approval of the amendments related to result passing in the R18 Regulation for UG and PG with reference to the guidelines and instruction given by office of the Controller of Examinations, Anna University Chennai for the academic year 2021-22. ✓ Approval for change in the course code in I and II semesters and in subsequent semesters for the student admitted in 2021-22 Academic year under R18 Regulation. 	Dr. A. Vasuki CoE
4	11.40 am	 ✓ Approval for modifying Assessment and Evaluation pattern of Embedded courses. ✓ Approval for removing the rescaling option in the current R18. ✓ Approval for eliminating the debar category for end semester examination. ✓ Approval for eliminating the minimum attendance criteria for CAT 1 and CAT II in the R18 Regulation. ✓ Approval for Universal Human Value II (U18VET401) course as Non CGPA mandatory credit course. ✓ Replacing Engineering Clinic V with Professional Core / Professional Elective Course ✓ Approval for Regulation 2022 Framework 	Dr. Vinohar Stephen / DoA
5	11.50 am	Any other matter with permission of Chairman – Academic Council	
6	11.55 am	Vote of Thanks	Dr. J.Vijay Prakash DCoE & Convener - ACM



PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.



30th July 2022

Minutes of the 23rd Meeting of Academic Council of the Autonomous Body

The 23rd meeting of the Academic Council of Kumaraguru College of Technology was held on 30th July 2022 (Saturday) from 11.00 a.m. to 12.30 noon.

Mode of Meeting - Blended Mode

- 1. Experts Joined through Online (MS Teams) Dr S Shenbaga Devi, Ms Sudha Rengarajan
- 2. Members Joined through Physical Mode

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104
4.	Dr.D.Prabhakaran	Professor, Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014

	A STATE OF THE STA	ning Body from outside the college representing such areas as on, Medicine, Engineering, etc.,
		Enterprise Architect,
5.	Ms.Sudha Rengarajan	Intel Technology India Pvt Ltd,
		#23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli,
		Bangalore - 560 103
	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd
6		3rd Floor, Senthil Towers, 1078, Avinashi Rd,
		Coimbatore - 641 018, India

Sl.No.	l Members and Board Chairper Name of the Member	Designation & Department		
7	Dr. A. Vasuki	Controller of Examinations		
8	Dr. S. Sundaresan	Head Autonomous		
9	Dr. J. Vijay Prakash	Convener, AC Meeting		
10	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations		
11	Dr.B.Senthilkumar	Coordinator-Autonomous		
12	Dr. V. Selvan	Chairman - Board of Civil Engineering		
13	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering		
14	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering		
15	Prof. S. Sivakumar	Chairman -Board of Automobile Engineering		
16	Dr. K. Sundararaj	Chairman - Board of Aeronautical Engineering		
17	Dr.K.K Anilkumar	Chairman - Board of Electronics & Instrumentation Engineering		
18	Dr,P.Thirumoorthi	*Chairperson - Board of Electrical & Electronics Engineering		
19	Dr. S. A. Pasupathy	Chairman -Board of Electronics & Communication Engineering		
20	Dr. P. Devaki	Chairperson - Board of Computer Science and Engineering		
21	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology		
22	Dr. M. Alamelu	Chairperson - Board of Information Technology		
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24	Dr. G. Ramakrishnan	Chairman - Board of Fashion Technology		
25	Dr. M. Ezhilarasi	Associate Dean		
26	Dr. H. Arul	Chairman - Board of Physics		
27	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry		
28	Dr. K. Maheswari	Chairperson - Board of Mathematics		
29	Dr. B. Arokia Lawrence Vijay			
30	Dr. Mary Cherian	Chairperson -Board of Management Studies		
31	Dr. M. Manikantan	Chairman - Board of Computer Applications		
32	Prof. U. Thiruvaazhi	Chairman- Information Science and Engineering		

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 23rd meeting of the Academic Council and briefed the proceedings.

02. Approval of the amendments related to academic results processing in the R18 Regulation for UG and PG as per the instruction given by Anna University Chennai for students admitted in the academic year 2021-22.

Dr. D. Saravanan, Principal & Chairman, Academic Council invited Controller of Examinations Dr.A. Vasuki to present and seek the approval for the amendments related to academic results processing in the R18 Regulation for UG and PG as per the instruction given by Anna University Chennai for students admitted in the academic year 2021-22 and the subsequent batches, till revision of the Academic Regulations.

Permission sought for continuous and end semester assessment with reference to Government Order & Anna University notifications Letter No. 4041/AU/CAC/Rel. Grading/2022 dated 25.06.2022

Continuous and End semester assessment

For Theory Courses

Internal Assessment marks(IA)	End semester Assessment	Total (IA+EA)
	Marks (EA)	
40 Marks	60 Marks (Min. 45% for pass)	100 Marks (Min. 50% for pass)

For Laboratory / project courses

Internal Assessment marks(IA)	End semester Assessment	Total (IA+EA)
	Marks (EA)	
60 Marks	40 Marks (Min. 45% for pass)	100 Marks (Min. 50% for pass)

For Embedded theory & practical courses

Internal Assessment marks(IA)	End semester Assessment Marks (EA)	Total (IA+EA)
50 Marks	50 Marks (Min. 45% for pass)	100 Marks (Min. 50% for pass)

Weighted average will be taken for internal and end semester as per the credit distribution for components of embedded courses.

For Engineering Clinics (I TO IV Semester)

Internal Assessment marks(IA)	End semester Marks (EA)	Assessment	Total (IA)
100 Marks			100 Marks (Min. 50% for pass)

<u>Internal assessment only courses</u>: Total – 100 Marks (Min. 50% for pass) – Eg. Language Elective <u>Mandatory non-credit courses</u>: Total – 100 Marks (Min. 50% for pass) – Internal Assessment Mode

Universal Human Value Course (U18VET0101): (3 Credits - Non CGPA Course)

Internal Assessment marks (IA)	End semester Assessment Marks (EA)	Total (IA+EA)
50 Marks	50 Marks (Min. 45% for pass)	100 Marks (Min. 50% for pass)

Passing requirements

- 50% of total marks prescribed for the course (IA+EA)
- Min 45% marks in end semester examinations
- Applicable for theory / lab / project courses
- If a student fails in theory / lab / project course, it is not required to satisfy attendance requirements in the subsequent semester(s)
- For all theory / practical courses, student passes a course if he / she obtains min. of 50% in ESE and CAM is nullified from 3rd attempt onwards

Marks and Letter Grades

Range of marks	Letter grade	Grade points
91-100	O OUTSTANDING	10
81-90	A+ EXCELLENT	9
71-80	A VERY GOOD	8
61-70	B+ GOOD	7
56-60	B AVERAGE	6
50-55	C SATISFACTORY	5
<50	U REAPPEARANCE	0
	AB ABSENT	0
	SA SHORTAGE OF ATTENDANCE	0
	W WITHDRAW	0

^{*}Range of marks applies for absolute grading only

Degree classification

Degree classification	CGPA	Remarks	
First class with distinction	≥ 8.50	Passed all courses in the first appearance within the stipulated period (with 1 year authorized break of study) Withdrawal will not be considered as appearance Should not have been prevented from writing ESE due to lack of attendance in any semester	
First class	≥ 6.50	Passed all courses within the stipulated period (with 1 year authorized break of study) Withdrawal will not be considered as appearance	
Second class	< 6.50	All others	

Dummy number removal

- Discontinuing the practice of printing dummy numbers in end semester answer scripts
- Displaying the end semester answer scripts to students after completion of valuation
- End Semester Marks (Question wise) will be given to the departments

Anna university guidelines applicable to

- BE/BTech R2018A
- ME / MTech R2018A
- MCA R2020A
- MBA R2021
- MBA(IEV) R2020A

Implemented for students admitted from the academic year 2021-22 onwards.

Normalization process (In case of different teachers handling the same subject and doing evaluation) will be done as per the instructions guidelines given by the University.

After the detailed deliberations, the committee approved the above proposal.

03. Approval of amendments in R18 regulations

Chairman Academic Council invited Dr. Vinohar Stephen, Head – Academic Innovations to present and seek the approval for amendments in R18 regulations

Permission sought for Approval of amendments in R18 regulations

Criteria	Existing –R2018	Amendment/Ratification - R2018A (2021 batch)
Minimum attendance requirement for CAT 1 (B.E/B.Tech)	From the date of commencement (or date of joining) of the course to one week before the start of CAT – 1	Removed and to follow the guidelines onf AU
Absence from CAT (B.E/B.Tech)	No Retest will be conducted. Eligible for rescaling for Genuine cases subject, to DCC and ACC approval	Rescaling process discontinued. Instead, One Retest will be conducted for Genuine reasons, subject to DCC approval
Mid-Term Assessment (PG) (M.E/M.Tech)	One Mid-Term assessment	Introduction of two Continuous Assessment Tests (2022 batch & 3rd sem of 2021 batch)
UHV II course (U18VET4101)	Not specified	End semester for 50 marks Pattern: Descriptive – 5 Questions with each carrying 10 marks. Duration 2 hrs
Engineering Clinics V (U18INI5600)	Offered in Semester V to all branches of engineering	To be replaced with Professional core or Professional Elective
Language Electives	Fundamentals of Communications – I & II (3+3 credits)	Fundamentals of Communications (3 credits) & Language Elective (3 credits)

After the detailed deliberations, the committee approved the above proposal.

04. Approval for the new courses and additional credit courses for all UG and PG programmes.

Chairman Academic Council invited the Chairpersons of BOS of Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Science & Engineering, English and MBA to present and seek the approval for the new courses and additional credit courses for all UG and PG programmes.

S.No	Board	Detail of the course			
1	Computer Science and Engineering	✓ Introduction of a mandatory Professional Elective Course "Professional Readiness for Innovation, Employability and Entrepreneurship"- 3 Credit course. Common course for CSE,IT and ECE departments.			
		L T P J C			
		0 0 6 0 3			
2	Electronics and Communication Engineering	✓ Two new Professional Elective Courses entitled "U18ECE0057 - Introduction to HMI and U18ECE0058 - Advanced HMI" are introduced under Embedded Systems in association with M/s Bosch Global Software Technologies in R2018.			

S.No	Board	Minutes of 23rd Academic Council Meeting, 30th July 202 Detail of the course					
3	Electrical and Electronics Engineering	 ✓ Industrial Training is introduced as Mandatory non-Credit course in R 2018 (applicable from 2021 batch onwards). ✓ 2 to 4 weeks of Industrial training during Summer/Winter vacation at the end of semesters 3 to 6 and evaluated during VII semester. 					
4	English	 ✓ Introduction of the language elective in one of the semesters and Fundamentals of Communication in the other semester ✓ The language elective courses are French, German, Japanese and Hindi. ✓ Language Elective Courses: 3 Credits ✓ Fundamentals of Communication: 3 Credits ✓ Assessment for Language Electives: Continuous 					
		The state of the s	ion of common elective				circuit
			circuit branches (from				
5	Information Technology	Course Code	Course Name	L	T	P	J
	monation reciniology	U18ISTO001	Applied ML Engineering Basics	3	0	0	3
		U18ISTO002	Advanced Applied ML Engineering	3	0	0	3
6	MBA	R2021 – Amendr Total Credits – 10 Total Number of Relative Grading Typology of elec Introduction of A Mandated Foreig Emphasis on Sus Capstone Simula Embedded assess Social Immersion	courses- 89 System tives-3 Audit Courses n languages tainability, Localization	n i.			
		Туре	Credits				
		Core (C)	700	58			
		Functional Core		16			
		Functional Opti		08			
		Minor Elective (ME) 10 Project (PJ) 14					
		Value added Co	ourses (VA)	14			
		Total Credits	(11)	106			
		Extra Credit con	orses (EYT)	No li	it		

After detailed deliberations, the committee approved the above proposal

03.Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed vote of thanks.

Approved by Signature 1 Dr. D. Saravanan Chairman - Academic Council / Principal Nominee of Anna University Former Professor, Department of Electronics 2 Dr. S. Shenbaga Devi and Communication Engineering, Anna University, Chennai - 600 025 Professor, Department of Chemical 3 Dr.D.Prabhakaran Engineering, Coimbatore Institute of Technology, Coimbatore-641014 Professor & Head, Department of Computer Dr. J. Nafeesa Begum Science & Engineering, Government College 4 of Engineering, Bargur - 635 104

The meeting came to an end at 12.30 pm.

Chairman, Academic Council /Principal

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, Bangalore – 560 103	Do
6	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd Coimbatore - 641 018, India	D. Hinga

Internal Members and Board Chairman/Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
7	Dr. A. Vasuki	Professor in Mechatronics and Controller of Examinations	am
8	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	Dane
9	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	A.
10	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	12
11	Dr.B.Senthilkumar	Associate Professor in Mechanical Engineering and Coordinator- Autonomous	de
11	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	lle
12	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C.velmingen

Minutes of 23rd Academic Council Meeting, 30th July 2022

Sl.No.	Name of the Member	Designation & Department	Signature
13	Dr. M. Saravana Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	
14	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	5.5
15	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	aut
16	Dr.K.K. Anilkumar	Professor, Chairman - Board of Electronics and Instrumentation Engineering	K.K. 40J.
17	Dr,P.Thirumoorthi	*Professor and Head, Chairperson – Board of Electrical and Electronics Engineering	x Div
18	Dr. S. A. Pasupathy	Professor and Head(i/c), Chairman - Board of Electronics and Communication Engineering	Soul Soul
19	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	S. Dunali
20	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	1
21	Dr. M. Alamelu	Professor and Head, Chairperson - Board of Information Technology	(
22	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	RAL
23	Dr. G. Ramakrishnan	Professor and Head, Chairman –Board of Fashion Technology	Ramo
24	Dr. M. Ezhilarasi	Associate Dean and Head, School of Foundational Sciences	gge De.
25	Dr. H. Arul	Head, Chairman - Board of Physics, School of Foundational Sciences	日女山
26	Dr. K. R. Aranganayagam	Head, Chairman - Board of Chemistry, School of Foundational Sciences	(ex
27	Dr. K. Maheswari	Head, Chairperson - Board of Mathematics, Foundational Sciences	Halin
28	Dr. B. Arokia Lawrence Vijay	Head, Chairman - Board of English, School of Foundational Sciences	Bound

Minutes of 23rd Academic Council Meeting, 30th July 2022 Sl.No. Signature Name of the Member Designation & Department Professor and Head, Chairperson -29 Dr. Mary Cherian Board of Management Studies Head (i/c), Chairman -30 Dr. M. Manikantan U. Market **Board of Computer Applications** Prof. U. Thiruvaazhi 31 Information Science and Engineering

Members not present:

Sl.No.	Name of the Member	Organization	Role
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr.R.Ramesh (KCT Alumni – 1984-1988 batch Mech.)	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Experts Nominated by Governing Body
3	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body

Chairman, Academic Council /Principal

Coimbatore - 641 049.

To: All the members

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru College of Technology





Date: 30.07.2022

23rd Academic Council Meeting Attendance sheet

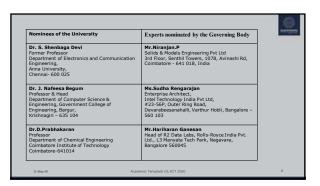
MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department	Signature
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council	25/3/2
2.	Dr. S. Shenbaga Devi	University Nominee Former Professor Department of Electronics and Communication Engineering, Anna University,	Attended thro' unline mode
3.	Dr. J. Nafeesa Begum	University Nominee Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	Janburgio 1/2022
4.	Dr.D.Prabhakaran	University Nominee Professor Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014	Aler So. x. www
5.	Prof.C.Muthamizhchelvan	Other Institute Nominee Director, Faculty of Engineering and Technology, SRM University	
6.	Mr.Niranjan.P	Industry Nominee Solids & Models Engineering Pvt Ltd	W 20/2
7.	Mr.R.Ramesh	Alumni Member Executive Director, Janatics India Pvt Limited	
8.	Ms.Sudha Rengarajan	Alumni Member Enterprise Architect, Intel Technology India Pvt Ltd	Attended thro'online mode
9.	Mr.Hariharan Ganesan	Alumni Member Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd	<u> </u>
10.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	Del 30/2/2020
11.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C. velmingum
12.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	5 101/222.

Sl.No.	Name of the Member	Designation & Department	Signature
13.	Prof. S. Sivakumar	Professor and Head(i/c), Chairman - Board of Automobile Engineering	SA
14.	Dr. K. Sundararaj	Professor and Head, Chairman - Board of Aeronautical Engineering	and
15.	Dr. K. K. Anilkumar	Professor and Head, Chairman - Board of Electronics & Instrumentation Engineering	
16.	Dr. K. Malarvizhi Dr. P. THI RUMOD RTHI	Professor and Head, Chairperson – Board of Electrical & Electronics Engineering	DW30-7-2022
17.	Dr. S. A. Pasupathy	Professor and Head, Chairman - Board of Electronics & Communication Engineering	dauly
18.	Dr. P. Devaki	Professor and Head, Chairperson – Board of Computer Science and Engineering	s dienani
19.	Dr. V. Ramesh Babu	Professor and Head, Chairman - Board of Textile Technology	The
20.	Dr. M. Alamelu	Professor and Head (He), Chairperson - Board of Information Technology	
21.	Prof. U. Thiruvaazhi	Professor and Head(i/c), Chairman – Board of Information Science and Engineering	سرسري
22.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	NAONL
23.	Dr. G. Ramakrishnan	Professor and Head, Chairman – Board of Fashion Technology	Rami
24.	Dr K Maheswari	Head & Chairperson – Board of Mathematics	Hal azi
25.	Dr H Arul	Head & Chairman - Board of Physics	H. Al
26.	Dr K R Aranganayagam	Head & Chairman – Board of Chemistry	Doga
27.	Dr Arokia Lawrence Vijay	Head & Chairman – Board of English	Bourt.
28.	Dr. Mary Cherian	Professor and Head, Chairperson – Board of Management Studies	· marfhran
29.	Dr. M. Manikantan	Professor and Head, Chairman – Board Computer Applications	Melmbeth
30.	Dr. M. Ezhilarasi	Associate Dean & Head School of Foundational Sciences	Plyhop.
31.	Dr. A. Vasuki	Controller of Examinations	out
32.	Dr Vinohar Stephen Rapheal	Associate Professor - Biotechnology	D.
33.	Dr. S. Sundaresan	Head Autonomous / Asso. Prof Textile Technology	NO

Sl.No.	Name of the Member	Designation & Department	Signature
34.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting	
35.	Dr.B.Senthilkumar	Coordinator-Autonomous/Associate Professor, Mechanical engineering	Ar





AGENDA

1) Approval of the amendments related to academic results processing in the R18 Regulation for UG and PG as per the instruction given by Anna University Chennai for students admitted in the academic year 2021-22.

2) Approval for change in curriculum, R18 (Revised) and course codes in I and II semesters and in subsequent semesters under R18 Regulation (Amended).

3) Approval for Eligibility Criteria to appear in the End Semester Examinations.

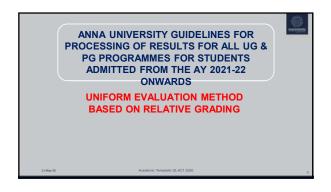
4) Approval for assessment pattern for Universal Human Value II (U18VET4101) course (Non-CGPA mandatory credit course) as per AICTE Guidelines.

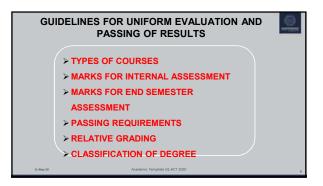
5) Approval for preparing Regulation 2023 in phased manner, including further suggestions / instructions from AU and TN Government.

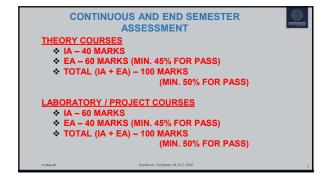
6) Any other matter with the permission of Chairman, Academic Council.

ANNA UNIVERSITY GUIDELINES FOR PROCESSING OF RESULTS FOR ALL UG & PG PROGRAMMES FOR STUDENTS ADMITTED FROM THE AY 2021-22 ONWARDS

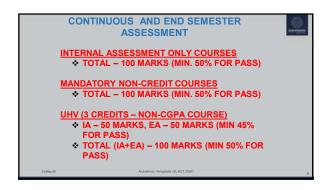
UNIFORM EVALUATION METHOD BASED ON RELATIVE GRADING

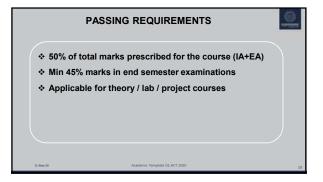


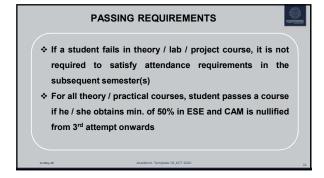




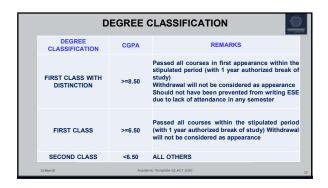


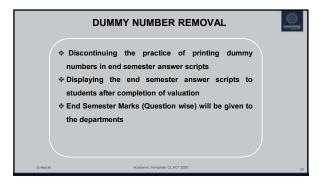






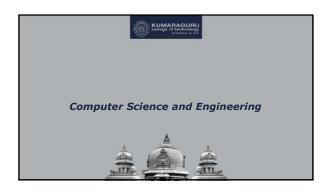
	MARKS AN	ND LETTER GRADES		9
	RANGE OF MARKS	LETTER GRADE	GRADE POINTS	
	91-100	O OUTSTANDING	10	
	81-90	A+ EXCELLENT	9	
	71-80	A VERY GOOD	8	
	61-70	B+ GOOD	7	
	56-60	B AVERAGE	6	
	50-55	C SATISFACTORY	5	
	<50	U REAPPEARANCE	0	
		AB ABSENT	0	
		SA SHORTAGE OF ATTENDANCE	0	
		W WITHDRAW	0	
\• No	ote: Range o	f marks applies for absolu	te grading	
11-May-20 OI	niv	Academic Template 02_RCT 2020		







	R2018 Regulation	is
Criteria	Existing -R2018	Amendment/Ratification - R2018A (2021 batch)
Minimum attendance requirement for CAT 1 (B.E/B.Tech)	From the date of commencement (or date of joining) of the course to one week before the start of CAT – 1	Removed
Absence from CAT (B.E/B.Tech)	No Retest will be conducted. Eligible for rescaling for Genuine cases subject, to DCC and ACC approval	Rescaling process discontinued. Instead, One Retest will be conducted for Genuine reasons, subject to DCC approval
Mid-Term Assessment (PG) (M.E/M.Tech)	One Mid-Term assessment	Introduction of two Continuous Assessment Tests (2022 batch & 3 rd sem of 2021 batch)
UHV II course (U18VET4101)	Not specified	End semester for 50 marks Pattern: Descriptive – 5 Questions with each carrying 10 marks. Duration 2 hrs
Engineering Clinics V (U18INI5600)	Offered in Semester V to all branches of engineering	To be replaced with Professional core or Professional Elective
Language Electives	Fundamentals of Communications – I & II (3+3 credits)	Fundamentals of Communications (3 credits) & Language Elective (3 credits)





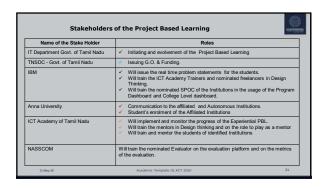
Experiential Project Based Learning under the Naan Mudhalvan Scheme of the Chief Minister

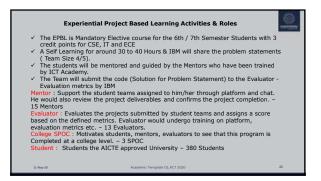
A joint initiative of the Department of Information Technology, Govt. of Tamil Nadu, Tamil Nadu Skill Development Corporation (TNSDC), IBM, NASSCOM, Anna University and ICT Academy of Tamil Nadu for the benefit of the students empowering them by developing their professional skills and technical skills through Project Based Learning.

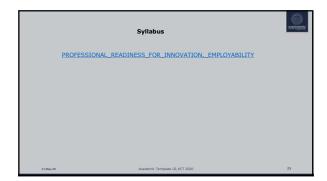
Objective

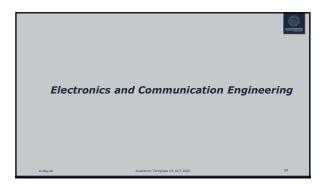
To prepare the students for future jobs in the industry - training on emerging technologies

Gain industry exposure through hands-on real time projects to improve critical thinking, problem solving and project management skills.









Members of the Board

University Nominee:

Dr. C. Vasanthanayaki, Government College of Technology,

Coimbatore

Academic Experts:

1. Dr. K. S. Geetha, R V college of Engineering,

Bengaluru

2. Dr. M. S. Sudhakar, VIT Vellore

Industry Expert:

Alumni:

1. Mr. A. Chandramouli, SAMEER, Chennai 2. Mr. P. Nithyanandham, Infosys, Bengaluru

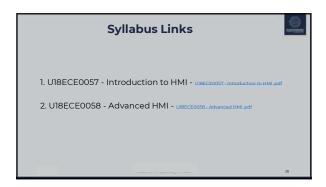
Mr. S. Chella Kumar, Infinera, Bengaluru

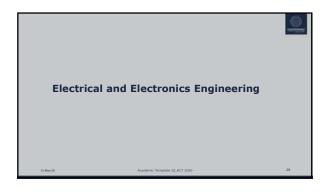
Recommendations from the Board



- Two new Professional Elective Courses entitled "U18ECE0057 Introduction to HMI and U18ECE0058 Advanced HMI" are introduced under Embedded Systems Bucket in association with Bosch Global Software Technologies in R2018.
- A mandatory Professional Elective Course entitled, "Professional Readiness for Innovation, Employability **Entrepreneurship"** to all the 7th semester students in R2018.
- These three courses were approved by the BoS members in the 20th BoS held on 28.06.2022.







Electrical and Electronics Engineering Recommendations from the Board



- Industrial Training is introduced as Mandatory non-Credit course in R 2018 (applicable from 2021 batch onwards).
- 2 to 4 weeks of Industrial training during Summer/Winter vacation at the end of semesters 3 to 6 and evaluated during VII semester.

Department of Languages and Communication

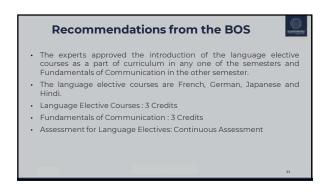
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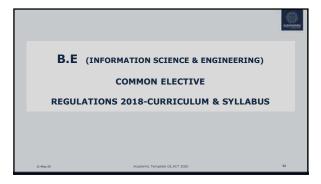
Members of BOS

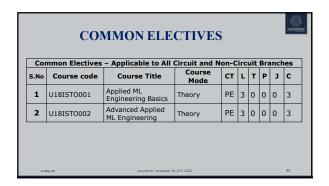


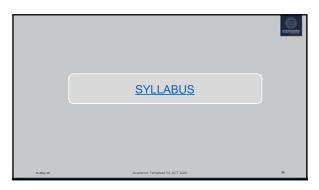
- · University Nominee: (Dr. E S Uma Maheswari, GCE, Tirunelveli)
- · Academic Expert: (Dr. Sathyaraj Venkatesan, NIT, Trichy)
- · Academic Expert: Dr. Vijaya, EFLU, Hyderabad
- Industry Expert: (Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai)
- · Alumni: (Mr. Abishek Paul Jackson, Benglen Public School, CBE)

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Vision:
To be a school of excellence by creating a transformative educational experience in order to shape future leaders.

Mission:
Education focused on disciplinary
knowledge, problem-solving,
leadership, interpersonal skills, and
wellbeing.
Developing managers with
professionalism and ethics.

0

- Values

 Be the Solution: Bring in new ideas and solutions that push our thinking into new territory.

 Champion Change: Identify and implement external best practices, new ideas and plans that will prepare our organization for the future.

 Agility: Successfully lead organizations in a world that's increasingly complex and uncertain.

 Trust: Earn credibility and trust, influencing employees, members, and other stakeholders to support the organization

Member of the Board of Studies

- · University Nominee:
- . Dr. Thamaraiselvan N- Professor, DOMS- NIIT Trichy **Academic Expert:**

Dr. Chitramani P- Professor, DOMS, Avinashilingam Deemed University, Coimbatore

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Members of the Board



- · Industry Experts:
- . Mr.K.Ravi, CFO, Roots Group of Companies, Coimbatore
- . Mr.Dhinesh Kumar, Project Lead, Lantrasoft (P)Ltd, Coimbatore
- · Mr. Adharsh, Aindra Systems, Bangalore
- Alumni:
- Ms.Krishna Rubigha, CEO, Ampere Voltage Consulting(P)
 Limited, Coimbatore

NEW PROGRAME MBA (PM) (AY 2022 ONWARDS)



- Approval for the new program MBA (Project Management) has been sanctioned by AICTE as approved by XXI BoS conducted on 28th August 2021
- The course is expected to get subsequently sanctioned by Anna University, Chennai soon.
- Expecting the same course to be listed in the forthcoming PG Counselling during the month of August 2022.
- The course shall be offered from AY 2022-23 onwards

R- 2017 vs R2021 - Amendments

R-2017

*Total credits - 100

*Total Number courses- 91

*Absolute Grading System

*Typology of electives-1

*Typology of electives-3

*Introduction of Audit Courses

*Mandated Foreign languages

*Emphasis on Sustainability, Localization

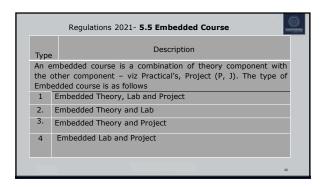
*Capstone Simulation

*Embedded assessment for select courses.

*Social Immersion Project for 6

				CLASSIF	10/11/10			
Semester		Electi	ve		Proje	ct	Sub	Grand
Jemester	Core	Functional core /Optional	Minor Elective	Internship	Research Project	SIP	Total	Total
SEM I	29	Nil	Nil	Nil	Nil	Nil	29	
SEM II	9	12	4	Nil	Nil	Nil	25	
SEM III	9	8	4	2	3	Nil	26	106
SEM IV	11	4	2	Nil	3	6	26	
Total	58	24	10	2	6	6	106	

Type	Description	Credits
Core (C)	Mandatory courses which are based on a central theme that focus to provide knowledge and analytical ability to understand the concepts of management.	58
Functional Core (FC)	Elective courses that are considered mandatory for a student who desires to obtain a major specialization in a particular functional area	16
Functional Optional (FO)	Courses which are offered in the functional areas other than the functional core subjects notified. Students can opt for such courses using CBCS scheme.	08
Minor Elective (ME)	Elective Courses that are offered other than the functional core courses as notified in the curriculum. Such courses can be opted by the students additionally from their major specialization / from other exclusive functional areas (to earn a minor specialisation) /across functional areas to gain up to 10 credits under CBCS scheme	10
Project (PJ)	Project work is a special course aims in improving student's ability to identify, analyse, research, and propose a solution to a real problem of significance in business organisation.	14
Value added Courses (VA)	Online and other equivalent courses approved by the department from time to time which support overall program Learning Outcomes but does not carry any credit.	-
	Total	106
Extra Credit courses (EXT)	Courses opted by the students beyond the threshold limit of the total credit required (>106) that are included in the grade sheet but excluded from aggregation of CGPA	No Limit







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Letter No.4041/AU/CAC/Rel. Grading/2022

25.06.2022

To The Principals of Autonomous Colleges Anna University.

Sir/Madam.

Sub: Anna University - Uniform Evaluation Method of Students based on

Relative Grading - Reg.

Ref: Approval of Vice-Chancellor, dated 24.06.2022.

With reference to the above, the Academic Council of Anna University had decided to introduce a uniform evaluation method for all the UG / PG students of University Departments, Non-Autonomous Colleges and Autonomous Colleges affiliated to Anna University, who all joined from the academic year 2021 - 2022 onwards.

This uniform evaluation method consists of the norms to be followed for the award of marks for internal and end semester examinations of all types of courses, passing requirements, relative grading and award of letter grades and classification of degree. Further details are provided in Annexure I.

This shall be followed for the evaluation and passing of results for all the UG / PG students who have joined from the academic year 2021-2022 onwards in University Departments, Non-autonomous and Autonomous colleges affiliated to Anna University.

This decision is taken with the approval of the competent authority.

This may be taken up for ratification in the forthcoming Academic Council of Anna University, Chennai.

This is for your information and necessary action at your end.

Encl: Annexure |

Copy to:

- 1. PS to Vice Chancellor
- 2. PA to Registrar
- 3. The Chairpersons, Faculty of Civil / Mechanical / Electrical / ICE / Technology / Management Sciences / S&H / Architecture & Planning, AU, Ch - 25.
- Office of the Controller of Examinations.
- The Stock File, CAC.

Anna University :: Chennai - 600 025

Office of the Controller of Examinations

<u>Instructions for Processing Result by Result Passing Board of Autonomous Colleges</u>

Affiliated to Anna University for the Students Admitted

from the Academic Year 2021 - 2022

The Total Marks for each Course (Subject) consists of two Components namely Internal

Assessment Marks (Continuous Assessment Marks) and End Semester Examination Marks. In

some of the cases, the total marks may be only Internal Assessment Marks.

The declaration of result (Finalization of Grade) is based on the Internal Assessment Marks,

End Semester Examination marks and Total Marks of the Subject.

Passing Requirements:

Follow the condition in passing requirement approved by the Syndicate of Anna University as

given below.

A student who secures not less than 50% of total marks prescribed for the course

[Internal Assessment + End semester University Examinations] with a minimum of 45%

of the marks prescribed for the end-semester University Examination, shall be declared

to have passed the course and acquired the relevant number of credits. This is applicable

for both theory and laboratory courses (including project work).

1. Moderation:

Before finalizing the result, the result passing board shall meet to decide whether any

moderation needs to be considered to improve the pass percentage.

The moderation is applicable only for the Marks in the End Semester Examination of the Theory

Subjects / Theory cum Laboratory Subjects of any UG programmes, if the overall pass

percentage in any subject is less than 65%.

If the pass percentage is less than 65% in one or more courses, then as approved by the

Syndicate of Anna University, a general moderation of maximum of 5 marks per student per

1 of 6

semester shall be considered, distributed over one or more courses in order to enable the students "to get pass" in the end semester examinations.

Carry out moderation as per the norms prescribed by Anna University.

2. Normalization:

In some of the Colleges, the number of batches of same subjects may be more than one.

In that case, there may be a chances of two different teachers handling the same subject and doing evaluation. In this case, the marks of different batches may differ from each other batches.

If this is the case, please find the Class Average of each batch separately and the Overall average of the Subject. Further, find the Maximum Mark (M) for the subject in all the batches.

If the Class Average in some of the batches is very low compared from the Overall Average of the particular subject, then the Marks shall be normalized by **applying multiplication factor**.

For E.g., Let "AV1", "AV2", "AV3", "AV4" are of class averages of Batch 1, Batch 2, Batch 3 and Batch 4. "OAV" is the Overall Average of a Subject.

Let, AV1 and AV2 are less than the OAV. So, Multiplication factor need to be applied for the batch 1 and batch 2.

The Multiplication Factor for Batch 1 (MF1) = OAV / AV1. (Restricted to 1.1 if the value is > 1.1)

The Multiplication Factor for Batch 2 (MF2) = OAV / AV2. (Restricted to 1.1 if the value is > 1.1)

In any case, the Multiplication Factor should not exceed 1.1 and also, the marks of any candidate with multiplication factor should not exceed the Maximum Mark (M) in that subject even from the other batch students. If exceeds, the moderated mark to be restricted with "M".

3. Separating Passed and Failed Marks:

After Normalization of Marks in each batch, apply the rules for passing with Internal Assessment Marks, End Semester Examination Marks and Total Marks.

Separate the Failed Marks and assign "U" Grade to those Marks.

4. Grades Generation:

Keep all those passed students Marks in a separate Excel file and Input the file to the Anna University Relative Grading System (AURG) and Run the Program.

The Grades and its Ranges will be generated and written to the Output File "GRADE" OUTPUT".

There will be Six Letter Grades for Passed Students such as "O', "A+", "A", "B+", "B" and "C".

5. Minutes of the Result Passing Board Meeting and Declaration of Results:

Now, the minutes of the meeting shall be prepared and signed by all the result passing board members with Grades and Grade Ranges for each subject.

On finalization of the results by Result Passing Board, the results may be declared.

One original Copy of the Minutes of the Result passing Board meeting should be forwarded to the Office of the Controller of Examinations.

After the publication of results, the copy of results (Course-wise, Branch-wise, Year-wise) and Minutes of the Meeting (MoM) to be uploaded in "coe1.annauniv.edu" \rightarrow Institution Login \rightarrow College-Code Regular results as PDF.

Also, after successful publication of Revaluation results/Supplementary examination results, the copy of results (Course-wise, Branch-wise, Year-wise) and Minutes of Meeting (MoM) to be uploaded in "coe1.annauniv.edu" → Institution Login → College-Code Revaluation Results as PDF.

6. Validity of the Grade Ranges:

The Same Ranges of Grades are applicable for the results of revaluation / arrear / substitute / supplementary examination of that particular subject.

This procedure is applicable for both UG and PG Students.

General Instructions to the Result Passing Board Members of the Autonomous Colleges Affiliated to Anna University:

In the meeting of the result passing board, the University nominee is advised to get the following information before passing the results.

Verify the ratio of Internal Assessment (40%) and End-Semester marks (60%) in case of theory courses, Internal Assessment (50%) and End-Semester marks (50%) in case of theory-cumpractical courses and Internal Assessment (60%) and End-Semester marks (40%) in case of practical courses. Some Courses may be evaluated by fully Internal (100%) as per their regulations.

Verify the correlation between the Internal Assessment and End-Semester marks awarded in all courses.

Percentage of mark allocation of Internal Assessment and % of mark allocation of End Semester as per Regulations.

Ratio of internal and external faculty in question paper setting.

Scrutiny of question papers with internal and external faculty members.

Percentage of the external examiners in valuation of answer scripts.

Semester wise result analysis.

Comparison charts of semester wise average internal marks and external marks for each subject.

Malpractice Cases:

Verify whether the punishment rules of Anna University or the rules of the college which are above Anna University is followed in case of Malpractice cases.

Additional Information to be Submitted by the Autonomous College to O/O. COE, Anna University

I. Branch wise Details

- 1. Total Number of students appeared.
- 2. Number of students passed in all subjects.
- 3. Average CGPA of the students in each branch year wise

Average CGPA of the students =
$$\frac{\sum_{i=1}^{N} CGPA_{i}}{N}$$

Where N = Number of students in each branch in a particular year.

4. Overall average CGPA for the entire college - Ist semester.

Overall average CGPA =
$$\frac{\sum_{i=1}^{n} CGPA_{i}}{n}$$

Where n = Total number of students in all branches in First semester

CGPA i = CGPA of an ith candidate.

II. After Revaluation Details

- 1. Total number of candidates appeared
- 2. Number of students passed in all the subjects.

- 3. Number of candidates received changes in revaluation along with changed marks and change in grade.
- 4. Average CGPA of the students in each branch year wise after revaluation

Average CGPA of the students
$$=\frac{\sum_{i=1}^{M} CGPA_{i}}{M}$$

Where M = Number of students in each branch in a particular year.

CGPA i = CGPA of an i^{th} candidate.

5. Overall average CGPA of the entire college (First year)

Overall average CGPA =
$$\frac{\sum_{i=1}^{m} CGPA_{i}}{m}$$

Where m = Total Number of students in all branches in First year.

CGPA i = CGPA of an ith candidate.

ANNEXURE - I

A few excerpts from Regulation 2021 of B.E/B.Tech Programmes of Non-Autonomous colleges Affiliated to Anna University is given below. The same shall be adopted for all the UG/PG students following from academic year 2021-2022 onwards studying in University Departments and Autonomous Colleges of Anna University.

PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all the theory courses, laboratory courses, theory courses with laboratory component and project work the continuous assessment shall be awarded as per the procedure given below:

THEORY COURSES

Two assessments each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all assessments put together out of 200, shall be proportionately reduced for 40 marks and rounded to the nearest integer (This also implies equal weightage to the two assessments).

Assessment I (1	00 Marks)	Assessment II (1	00 Marks)	
Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Individual Assignment / Case Study / Seminar / Mini Project	Written Test	Total Internal Assessment
40	60	40	60	200*

^{*}The weighted average shall be converted into 40 marks for internal Assessment.

A minimum of two internal assessments will be conducted as a part of continuous assessment. Each internal assessment is to be conducted for 100 marks and will have to be distributed in two parts viz., Individual Assignment/Case study/Seminar/Mini project and Test with each having a weightage of 40% and 60% respectively. The tests shall be in written mode. The total internal assessment marks of 200 shall be converted into a maximum of 40 marks and rounded to the nearest integer.

LABORATORY COURSES

The maximum marks for Internal Assessment shall be 60 marks in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records are to be maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 60 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be converted into a maximum of 60 marks and rounded to the nearest integer.

Internal Assessment (100 Marks)*	
Evaluation of Laboratory Observation, Record	Test
75	25

^{*} Internal assessment marks shall be converted into 60 marks

THEORY COURSES WITH LABORATORY COMPONENT

If there is a theory course with laboratory component, there shall be two assessments: the first assessment (maximum mark is 100) will be similar to assessment of theory course and the second assessment (maximum mark is 100) will be similar to assessment of laboratory course respectively. The weightage of first assessment shall be 40 % and the second assessment be 60%.

The weighted average of these two assessments shall be converted into 50 marks and rounded to the nearest integer.

Assessment I (40% weig	htage)	Assessment II (60% weig	htage)	
(Theory Component)		(Laboratory Component)		Total
Individual Assignment /	Written	Evaluation of Laboratory	Test	Internal
Case Study /	Test	Observation, Record	1681	Assessment
Seminar / Mini Project		Observation, Record		
40	60	75	25	200*

^{*}The weighted average shall be converted into 50 marks for internal Assessment.

PASSING REQUIREMENTS

A student who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and laboratory courses (including project work).

If a student fails to secure a pass in a theory course / laboratory course (except electives), the student shall register and appear only for the end semester examination in the subsequent semester. In such case, the internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secures a pass. However, from the third attempt onwards if a student fails to obtain pass marks (IA + End Semester Examination), then the student shall be declared to have passed the examination if he/she secures a minimum of 50% marks prescribed for the University end semester examinations alone.

AWARD OF LETTER GRADES

The award of letter grades will be decided based on relative grading principle. The relative grading is applicable to ONLY those students who have passed the examination as per the passing requirements enumerated above. For those students who have not passed the examination, Reappearance (RA) shall be awarded as shown in the below Table.

For those students who have passed the course, the relative grading shall be done. The marks of those students who have passed only shall be inputted in the software developed for relative grading. The evolved relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student. For a given course, if the students' strength is greater than 30, the relative grading method shall be adopted. However, if the students' strength is less than 30 then the fixed grading shall be followed with the grade range as specified below.

0	A+	Α	B+	В	С	RA
91 - 100	81 - 90	71 - 80	61 - 70	56 - 60	50 – 55	< 50

The performance of a student shall be reported using letter grades, each carrying certain points as detailed below:

Letter Grade	Grade Points*
O (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B", "C". 'SA' denotes shortage of attendance and hence prevented from writing the end semester examinations. 'SA' will appear only in the result sheet.

"RA" denotes that the student has failed to pass in that course. "W" denotes withdrawal from the exam for the particular course. The grades RA and W will figure both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations.

If the grade RA is given to **Theory Courses**/ **Laboratory Courses** it is not required to satisfy the attendance requirements, but has to appear for the end semester examination and fulfil the passing requirements to earn a pass in the respective courses.

If the grade RA is given to **EEC** (Employability Enhancement Course) (except Project Work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfill the passing requirements to earn pass in the course. However, attendance requirement need not be satisfied.

CLASSIFICATION OF THE DEGREE AWARDED

FIRST CLASS WITH DISTINCTION

A student who satisfies the following conditions shall be declared to have passed the examination in **First class with Distinction**:

- Should have passed the examination in all the courses of all the eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) in the student's First Appearance within five years (Six years in the case of Mechanical (Sandwich) and Four years in the case of Lateral Entry). Withdrawal from examination will not be considered as an appearance.
- Should have secured a CGPA of not less than 8.50.
- One year authorized break of study (if availed of) is included in the five years (Six years in the case of Mechanical (Sandwich) and four years in the case of lateral entry) for award of First class with Distinction.
- Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester.

FIRST CLASS:

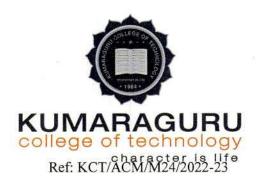
A student who satisfies the following conditions shall be declared to have passed the examination in **First class**:

- Should have passed the examination in all the courses of all eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) within five years. (Six years in case of Mechanical (Sandwich) and Four years in the case of Lateral Entry).
- One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of five years (Six years in case of Mechanical (Sandwich) and four years in the case of lateral entry) for award of First class.
- Should have secured a CGPA of not less than **6.50**.

SECOND CLASS:

All other students who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

The corresponding specific changes are to be made to B.Arch. / M.Arch. /M.Plan. / MBA / M.Sc.(5years).



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[An Autonomous Institution Established in 1984 Affiliated to Anna University Chennai Approved by AICTE, New Delhi Accredited by NAAC]

16th February 2023

Dear Sir/Madam,

Sub: 24th Academic Council Meeting -reg.

Warm greetings from Kumaraguru College of Technology

We wish to inform that the 24th Academic Council Meeting of Kumaraguru College of Technology, Coimbatore is scheduled to be held, 11.00 am on 28th (Tuesday) February 2023, at Kumaraguru college of Technology, Coimbatore.

AGENDA

- Ratification in R2015 regulation regarding the maximum duration of the completion of BE/B. Tech degree course is 4+ 3= 7 years instead of 4+4 =8 years
- Approval for award of UG (Hons), UG (Hons) with specialisation and UG with Minor specialisation as per Anna University guidelines from Academic year 2021-22 onwards.
- 3) Approval for minor specialisation streams.
- 4) Approval for additional professional electives and one credit courses in R18 regulation.
- 5) Approval for regulations 2023 framework.
- 6) Any other matter with the permission of Chairman, Academic Council.

Kindly make it convenient to attend the meeting as per schedule.

Thank You,

Yours Sincerely,

Dr.D.Saravanan

Principal and Chairman, Academic Council

Dr. D. SARAVANAN, M.Tech., Ph.D.,

To PRINCIPAL
Kumavæguber©ebagern£dechnology
Coimbatore - 641 049.



P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

info@kct.ac.in



MEETING OF THE 24th ACADEMIC COUNCIL

Date: 28.02.2023 (Tuesday)

TABLE AGENDA

SI.No	Time	Agenda Points	By
1	11.00 am	Welcome Address	Dr. D. Saravanan, Chairman – Academic Council
2	11.05 am	Agenda of the meeting	Dr. S. Sundaresan, Head- Autonomous
3	11.10 am	 ✓ Approval of the ratification in R2015 regulation regarding the maximum duration of the completion of BE/B.Tech degree course is 4+ 3= 7 years instead of 4+4 =8 years ✓ Approval for award of UG (Hons), UG (Hons) with specialization and UG with Minor specialization as per Anna University guidelines from Academic year 2021-22 onwards. 	Dr. Vinohar Stephen / DoA
4	11.40 am	✓ Approval for minor specialization streams	HoD's of concerned departments
5	11.50 am	✓ Approval for additional professional electives and one credit courses in R18 regulation	HoD's of all Department
6	12.30 Pm	✓ Approval for regulations 2023 framework	Dr. Vinohar Stephen / DoA
5	1.15Pm	Any other matter with permission of Chairman – Academic Coun	cil
6	1.30Pm	Vote of Thanks	Dr. J.Vijay Prakash DCoE & Convener - ACM



JC		S & S S	PRINCIPAL	9	Head-AAD	AAD Ref No.: 56	- B	harde	Facility In-charge	Signature: Date: 6/2/2013	o Sig
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day/11.00am to pm	28.02.2023/one day/11.00am to 1.15 pm	(days): om To):	4. Event Date (s): Event Duration (days): Event Time (From To):				- 1	Agenda attached	e Event / . (Draft Agenda / o be attached)	Details of the Event / Programme. (Draft A) Brouchure to be attac	ω
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Detailed budget

23rd Meeting of Academic Council of the Autonomous Body

Date of Meeting: 30.07.2022

Remuneration details

18.07.2022

Sl.No.	Name of the Member	Sitting fee Amount (Rs)	felici in har guidea
Harain Paraina Maraina	Dr. S. Shenbaga DeviFormer Professor, Department of Electronics and Communication Engineering, Anna University, Chennai.	5000/-	
2	Dr.D.Prabhakaran Professor Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014 Ph: 9787772702 prabhakaran@cit.edu.in	5000/-	Anna University
ET STEEL STEEL	Dr. J. Nafeesa BegumProfessor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur,	5000/-	Members Nominated by Anna University
3	Krishnagiri – 635 104		W.

Sl.No.	Name of the Member	Sitting fee Amount (Rs)	5 16 Tak States 61 &
4	Ms.Sudha Rengarajan Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	5000/-	
5	Mr.Niranjan.P Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018, India	5000/-	
6	Mr.R.Ramesh Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	5000/-	Governing Body from outside the college
7	Mr.Hariharan Ganesan Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045.	5000/-	Governing Body fron
8	Prof.C.Muthamizhchelvan Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203 Tamilnadu, India	5000/-	Experts nominated by the
Food - R	efreshments & Lunch	8000/-	
Travel &	Accommodation expenses	10,000/-	
1,000	Total	58,000/-	





Date: 28.02.2023

24th Academic Council Meeting Attendance sheet

MEMBERS	OF	THE	ACA	DEM	IC	COUN	CIL
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Sl.No.	Name of the Member	Designation & Department	Signature
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council	Sagara .
2.	Dr. S. Shenbaga Devi	University Nominee Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai.	Schenhagar ; 28/2/2023
3.	Dr. J. Nafeesa Begum	University Nominee Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	
4.	Dr.D.Prabhakaran	University Nominee Professor Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014	Ach 20/23
5.	Prof.C.Muthamizhchelvan	Other Institute Nominee Director, Faculty of Engineering and Technology, SRM University	
6.	Mr.Niranjan.P	Industry Nominee Solids & Models Engineering Pvt Ltd	20/2
7.	Mr.R.Ramesh	Alumni Member Executive Director, Janatics India Pvt Limited	6 hh
8.	Ms.Sudha Rengarajan	Alumni Member Enterprise Architect, Intel Technology India Pvt Ltd	
9.	Mr.Hariharan Ganesan	Alumni Member Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd	∧ •
10.	Dr. V. Selvan	Professor and Head, Chairman – Board of Civil Engineering	Jul 28/2/2023.
11.	Dr. C. Velmurugan	Professor and Head, Chairman - Board of Mechanical Engineering	C. refungen 28/2/2023.

Sl.No.	Name of the Member	Designation & Department	Signature
12.	Dr. M. Saravanan Mohan	Professor and Head, Chairman - Board of Mechatronics Engineering	Jan Harry
13.	Dr. J. D. Andrew Pon	Head, Chairman -	Wing 22 23
15.	Abraham	Board of Automobile Engineering	0/18/
14.	Dr. M. Senthilkumar	Head, Chairman - Board of Aeronautical Engineering	uglingens
15.	Dr. V. Dinesh Kumar	Head, Chairman - Board of Electronics & Instrumentation Engineering	Dago 2/23
16.	Dr. K. Malarvizhi	Head, Chairperson – Board of Electrical & Electronics Engineering	(Prosov 28/2/23
17.	Dr. M. Bharathi	Head, Chairperson - Board of Electronics & Communication Engineering	M. Bhrathi.
18.	Dr. P. Devaki	Head, Chairperson – Board of Computer Science and Engineering	S. Dunan
19.	Dr. V. Ramesh Babu	Head, Chairman - Board of Textile Technology	to the
20.	Dr. M. Alamelu	Head, Chairperson - Board of Information Technology	2023
21.	Prof. U. Thiruvaazhi	Head, Chairman – Board of Information Science and Engineering	o o un
22.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	Mengelogions
23.	Dr. R. Priyadarshini	Head, Chairperson – Board of Fashion Technology	Rimal 20123
24.	Dr K Maheswari	Head, Chairperson – Board of Mathematics	for Nyel
25.	Dr H Arul	Head, Chairman – Board of Physics	H.Q.J
26.	Dr K R Aranganayagam	Head, Chairman – Board of Chemistry	Mpt.
27.	Dr Arokia Lawrence Vijay	Head, Chairman – Board of English	Bonta
28.	Dr. Mary Cherian	Head, Chairperson – Board of Management Studies	FOR to ? 1.
29.	Dr.V.Vigilesh	Head, Chairman – Board of Computer Applications	1 - July
30.	Dr. M. Ezhilarasi	Associate Dean & Head School of Foundational Sciences	geglift.
31.	Dr.R.Karthikeyan	Controller of Examinations	thee
32.	Dr. Vinohar Stephen Rapheal	Associate Professor - Biotechnology	BL.

Sl.No.	Name of the Member	Designation & Department	Signature
33.	Dr. S. Sundaresan	Head Autonomous / Asso. Prof Textile Technology	DU_
34.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting	A.
35.	Dr.B.Senthilkumar	Coordinator-Autonomous/Associate Professor, Mechanical engineering	(RE)



28th February 2023

Minutes of the 24th Meeting of Academic Council of the Autonomous Body

The 24th meeting of the Academic Council of the Autonomous Body of Kumaraguru College of Technology was held on 28th February 2023 (Tuesday) from 11.00 a.m. to12.30 pm MBA Training Hall, Dr MVB, KCT Campus in blended mode (offline & online mode via MS Teams).

Mode of Meeting - Blended Mode

- 1. Experts Joined through Online (MS Teams) Dr. J. Nafeesa Begum, Ms Sudha Rengarajan
- 2. Members Joined through Physical Mode

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

	rs Nominated by Anna Univ	
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025
3.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104
4.	Dr.D.Prabhakaran	Professor, Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014

-		ing Body from outside the college representing such areas as on, Medicine, Engineering, etc.,
		Enterprise Architect,
5.	Ms.Sudha Rengarajan	Intel Technology India Pvt Ltd,
		#23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli,
		Bangalore – 560 103
		Chief Executive Officer, Solids & Models Engineering Pvt Ltd
6	Mr.Niranjan.P	3rd Floor, Senthil Towers, 1078, Avinashi Rd,
		Coimbatore - 641 018, India
7	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited,
	Restances and a contract of the second	E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021

Sl.No.	Name of the Member	Designation & Department
8	Dr.R.Karthikeyan	Controller of Examinations
9	Dr. S. Sundaresan	Head Autonomous
10	Dr. J. Vijay Prakash	Convener, AC Meeting
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations
12	Dr.B.Senthilkumar	Coordinator-Autonomous
13	Dr. V. Selvan	Chairman – Board of Civil Engineering
14	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering
15	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
16	Dr. J. D. Andrew Pon Abraham	Chairman -Board of Automobile Engineering
17	Dr. M. Senthilkumar	Chairman - Board of Aeronautical Engineering
18	Dr. V. Dinesh Kumar	Chairman - Board of Electronics & Instrumentation Engineering
19	Dr. K. Malarvizhi	Chairperson - Board of Electrical & Electronics Engineering
20	Dr. M. Bharathi	Chairperson -Board of Electronics & Communication Engineering
21	Dr. P. Devaki	Chairperson - Board of Computer Science and Engineering
22	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology
23	Dr. M. Alamelu	Chairperson - Board of Information Technology
24	Dr. R. Baskar	Chairman – Board of Biotechnology
25	Dr. R. Priyadarshini	Chairperson – Board of Fashion Technology
26	Dr. M. Ezhilarasi	Associate Dean, School of Foundational Sciences
27	Dr. H. Arul	Chairman - Board of Physics
28	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry
29	Dr. K. Maheswari	Chairperson - Board of Mathematics
30	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English
31	Dr. Mary Cherian	Chairperson –Board of Management Studies
32	Dr.V.Vijilesh	Chairman – Board of Computer Applications
33	Prof. U. Thiruvaazhi	Chairman- Information Science and Engineering

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 24th meeting of the Academic Council and briefed the proceedings.

02. Approval for minor specialization streams

Chairman Academic Council invited the chairman and Chairpersons of BOS of Computer Science and Engineering, Electrical and Electronics Engineering, Mechatronics engineering to present and seek the approval for the minor specialization streams, additional credit course for all UG programmes

			The list of mi	nor specializati		Direc		974.510			cil Meeting, 28 th Fel		
S.No	Board	Details of the course											
		INTERNET OF THINGS											
		S.No	Course code	Course Title	Course Mode	L	Т	P	J	С	Prerequisite		
		1.	U18CSR3001	IoT Fundamentals and Applications	Theory	3	0	0	0	3			
		2.	U18CSR4202	IoT Protocols and Programming	Embedded	2	0	2	0	3	U18CSR3001		
		3.	U18CSR5203	IoT Analytics	Embedded	3	0	2	0	4	U18CSR4202		
		4.	U18CSR6004	Industrial IoT	Theory	3	0	0	0	3	U18CSR3001		
		5.	U18CSR7705	Capstone Project	Project	0	0	0	4	2	-		
								Total credits = 15					
1	CSE	<u> </u>											
		CYBER SECURITY											
		S.No	Course code	Course Title	Course Mode	L	T	P	J	C	Pre-requisite		
		1.	U18CSR3011	Introduction to Cyber Security	Theory	3	0	0	0	3	10 2 1		
		2.	U18CSR4012	Network Security and cryptography	Theory	3	0	0	0	3	U18CSR3011		
		3.	U18CSR5213	Ethical Hacking and Network Defense	Embedded	3	0	2	0	4	U18CSR4012		
		4.	U18CSR6214	Cyber Forensics	Embedded	2	0	2	0	3			
		5.	U18CSR7715	Mini Project	Project	0	0	0	2	1	196		
			10000 200000000000000000000000000000000	Industry	Dti1	_	_	1	0	1			
		6.	U18CSR7516	Interaction	Practical	0	0	2	0	1	-		

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S. No. Course code		Course Title	Course Mode	L	Т	P	J	C	Pre-requisite
1.	U18CSR3221	CCNA - Introduction to Networks	Embedded	2	0	2	0	3	ч
2.	U18CSR4222	CCNA – Switching, Routing & Wireless Essentials	Embedded	2	0	2	0	3	U18CSR3221
3.	U18CSR5223	CCNA - Enterprise Networking, Security & Automation	Embedded	2	0	2	0	3	U18CSR4222
4.	U18CSR6224	TCP/IP Socket Programming using Python	Embedded	3	0	2	0	4	U18CSI2201
5.	U18CSR7725	Mini Project	Project	0	0	0	2	1	
6.	U18CSR7526	Industry Interaction	Practical	0	0	2	0	1	

				GREEN ENERGY (A	Y: 2023-20	024)	<u> </u>		v)		
		S. No	Course code	Course Title	Course Mode	СТ	L	Т	P	J	С
		1	U18EER0005	Introduction to Green Energy	Theory	MS	3	0	0	0	3
		2	U18EER0006	Climate change and Green Environment	Theory	MS	3	0	0	0	3
2	CEE	3	U18EER0007	Solar power technology	Theory	MS	3	0	0	0	3
2	EEE	4	U18EER0008	Energy Storage Technology for Green Energy	Theory	MS	3	0	0	0	3
		5	U18EER0009	Alternative Green energy Technologies	Theory	MS	3	0	0	0	3
		6	U18EER0010	Project	Theory	MS	3	0	6	0	3
						*	То	tal (Cred	its	18

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		ROBOTIC					<u> </u>				ret
		S. No.	Course code	Course Title	Course Mode	СТ	L	Т	P	J	C
		1	U18MCR0008	Fundamentals of Robotics	Embedded - Theory & Lab	MS	2	0	2	0	3
		2	U18MCR0009	Introduction to single- board microcontroller and Computer	Embedded - Theory & Lab	MS	2	0	2	0	3
3.	MCE 3	3	U18MCR0010	Industrial Robotics	Embedded - Theory & Lab	MS	2	0	2	0	3
		4	U18MCR0011	Autonomous Mobile Robot	Embedded - Theory & Lab	MS	2	0	2	0	3
		5	U18MCR0012	Capstone Project	Project	PW	0	0	0	0	6
				y			To	otal	Cred	dits	18

The minor specialization courses are for 15 / 18 credits (Extra credits and non CGPA) and if a student completes the 15 / 18 credits in a particular course only considered for completion of minor specialization (or) if she /he drops during the course the credit earned by the student will be considered as non CGPA extra credits only.

After detailed deliberations, the committee approved the above proposal for AY 2022-2023.

<u>03. Approval of new One credit courses / Professional core / Elective courses, Special electives and Open electives.</u>

Chairman Academic Council invited the chairman and Chairpersons of BOS of Aeronautical Engineering, Automobile Engineering, Biotechnology, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics & Instrumentation Engineering, Fashion Technology, Information Technology, Mechatronics Engineering, Mechanical Engineering, Textile Technology, MBA, Mathematics, Chemistry and English to present and seek the approval for the One credit courses / Professional core / Elective courses, Special electives, and Open electives and additional credit courses for all UG and PG programmes.

Minutes of 24th Academic Council Meeting, 28th Feb 2023
The list of One credit courses / Professional core / Elective courses, Special electives and Open electives are listed below.

Sl.No	Board	Detail of the course				
		Additional Credit Courses – 2 Credits				
		Course Code	Course Name			
1.	Automobile	U18AUR0001	Basics of electric vehicle - design and manufacturing			
77.5	Engineering	6	Components, circuits, and machines for e mobility			
		25001.10.10.10.10.10.10.10.10.10.10.10.10.	Classroom to Corporate			
		Course Code	Course Name			
			One Credit courses			
		U18BTI0205	Python for Biology			
		U18BTI0206	Spreadsheet for Biology			
		U18BTI0107	Agri-prenuership			
2	D: . 1 1		Program Electives (UG)			
2.	Biotechnology	U18BTE0018	Structural Biology			
		U18BTE0019	Biopolymers			
			Program Electives (PG)			
	1	P18BTE0010	Functional Textiles for Healthcare Applications			
		P18BTE0011	Structural Bioinformatics			
		P18BTE0012	Sustainable Biomaterials and their Applications			
	Civil Engineering		Program Core			
3.		Course Code	Course Name			
		U18CET5005	Concrete Technology			
	20	Course Code	Course Name			
341	Computer	U18CSI5205	Mobile Application Development using Android			
4.	Science and		Open Elective			
	Engineering	U18CSO0011	Social Data Analytics and Visualization			
		Course Code	Course Name			
		U18EEP7703	Industrial Training			
			One Credit Courses			
	Electrical and	U18EEC0008	Battery Management Systems			
5.	Electronics	U18EEC0009	Green Energy			
	Engineering	U18EEC0010	Sustainability in Energy			
		for Professionals, Engineering Appli	Courses (Credited & Non CGPA): U18EER0001 - FOSS Essentia U18EER0002 - MATLAB SIMULINK for Electrical Science ar ication, U18EER0003 - Printed Circuit Board Design with PROTEU - Embedded System Design using TINKER CAD			
	Electronics		Open Elective course			
6.	and	Course Code	Course Name			
9708	Communication Engineering	U18ECO0006	Cyber Security and Digital Forensics			
7.	Electronics	Course Code	Course Name			
1	& Instrumentation	U18EII5204	Instrumentation and Control for Process Industries			

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				Minutes of 24th Academic Council Meeting, 28th Feb .		
		Course Code		Course Name		
			C	One Credit course		
		U18FTC0020	Speciality garment	Printing of Fabrics and Denim dyeing of		
8.	Fashion			rogram Core (UG)		
0.	Technology	U18FTT5004	Sports Text	iles		
		0.101.113004	Sports Text	Open Electives		
		U18FTO0006	Fashion Sty	ling and Business		
		U18FTO0007	Industrial	Engineering Techniques in Apparel		
		, L	Technology			
		Edge an	l Edge+ Co	urses (Credited Non CGPA Courses)		
		Course Code		Course Name		
	Information	U18ITR0001		ls of Digital Design		
9.	Technology	U18ITR0002	- Allerton	Development Using MIT		
		U18ITR0003	Software En	ropy Science and Engineering -Syllabus for the course		
				ks has been modified		
				One credit course		
10.	Mechatronics	Course Code		Course Title		
10.	Engineering	U18MCC0001		perating System		
				permana system		
		Course Code		Course Title		
8.8	Mechanical	U18MEE0033		Design and Manufacturing		
11.	Engineering	U18MEE0034		Product Data and Product Lifecycle Management		
		U18MEP6703	Mini Proj			
		U18MEP7704	Internship	o and Documentation		
		Course Code		Course Name		
		****		gram Electives (UG)		
		U18TXT5005	Protective 7	Dne credit course		
12.	Textile	U18TXC017	Lean Manu			
12.	Technology	U18TXC018 Cotton: Farm to Industry				
				n Electives (PG - MTM)		
		P18TME0075	Polymer Rh	eology		
		P18TME0076 Surface Modification of Textiles				
			Oj	pen elective courses		
		Course Code		urse Title		
		P18MBO0001	Des	sign thinking		
13.	MBA	P18MBO0002		of advertising and communication		
		P18MBO0003	A 12244	bbal business cultures		
		P18MBO0004		rial media marketing		
		P18MBO0005	Dis	ruptive thinking		

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				•
		P18MBO0006 P18MBO0007		Import and export procedure
				Introduction to constitutional law
		P18MBO0008		Personal investment management
		P18MBO0009		Self-awareness and leadership
		P18MBO0010		Introduction to project management
		P18MBO0011		Social entrepreneurship
		P18MBO0012		Corporate social responsibility and social marketing
		P18MBO0013		Cost accounting
- 1		P18MBO0014		Critical thinking through case studies
		P18MBO0015		Accountancy for first generation entrepreneur
		P18MBO0016		Self-awareness and personal leadership
		P18MBO0019		Process excellence
		P18MBO0020		Business plan development
		P18MBO0021		Process safety management
		P18MBO0022		Marketing and business strategy for beginners
		P18MBO0023		Exim management- an complete inclusive on export import management
		P18MBO0024		Fundamentals of logistics for exports and imports
		P18MBO0025		Digital marketing
		P18MBO0026		Essentials for emerging leaders
				a de la la contra de la contra del
			nd Edge+	Courses (Credited Non CGPA Courses)
1.4	Mathematics	Course code	0	Course name
14.				stics Using Spreadsheet
		U18MAR0003	ICT	for Good: Achieving the SDG's by the role of
			nd Edge+	Courses (Credited Non CGPA Courses)
15.	Chemistry	Course code		Course name
15.	Chemistry	U18CHR0001		ersal public health
		U18CHR0002	Clim	ate change: Sustainability and global impact
				Open Elective Courses
		Course code		Course name
		U18HEO0001	Introducti	on to Yoga and Stress Management
		U18HEO0002	Total Control of the Control	ist Training Program
		37-1-120-1-1111-1-1-1-1111-1-1-1-1-1-1-1-1		dian Classical Music Decoded
			70.70	gy: Transactional Analysis
16.	English			Photography and Orientation to Wildlife
		CIGILOUGG	Photograp	
		U18HEO0007	Theatre A	
1		History and the second		y, Art & Architecture
		1018HE00008		
		I SPECIAL PROPERTY OF THE PARTY		
		U18HEO0009	Organic F	arming
		U18HEO0009	Organic F Spoken H	arming

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U18HEO0012	Mastering The Sixth Sense
U18HEO0013	Tamizhaga Varalarum Tamizhar Panbadum
U18HEO0014	Understanding Indian Society
U18HEO0015	Scientific Evidence of Afterlife
U18HEO0016	An Insight into Proto - Indo -European Mythology
U18HEO0017	Global Social Development
U18HEO0018	Greatness of Natural Foods & Nutrition
U18HEO0019	Neuro Linguistic Programing
U18HEO0020	Film Direction and Script Writing
U18HEO0021	Introduction to Philosophy
U18HEO0022	Musicology
U18HEO0023	Life Design
U18HEO0024	How to Crack Services Selection Board
U18HEO0025	Sustainable Development and Living
U18HEO0026	Drafting Personal Constitution and Shaping Life
U18HEO0027	Social Work Methods & Its Relevance in Professional
	Settings
U18HEO0028	Governance in India
U18HEO0029	Digital Photography
U18HEO0030	Freedom Film Making- for a New Generation
U18HEO0031	Professional Tamil for Engineers
U18HEO0032	Public Policy for Future Technologies
	Campus to Corporate
	Art of Public Speaking
	Human Rights and RTI Act
	Indian Government and Politics
	Creative Writing Through Literature
U18ENO0004	Indian Heritage & Self Realization
U18ENO0005	Mass Communication and Journalism
U18ENO0007	English for Effective Communication
U18ENO0010	Working Tamil for Engineers
U18ENO0011	Spoken French
U18ENO0014	English for Career Pursuits
	Arts of Cracking English Competitive Exams
	and Edge+ Courses (Credited Non CGPA Courses)
Course code	Course name
U18VER0001	Greatness and Holistic Healing of no Oil-no Boil Food
U18VER0002	Basics of Graphology
U18VER0003	Journalism
L	In 11' 1W HD'
U18VER0004	Psychological Well Being
U18VER0004 U18VER0005 U18VER0006	Building Emotional Intelligence Siddha Maruthuvam

TILITXVEROUO/I	Ethics and Moral Values in Armed Forces for Positive Action
U18VER0008	Rural Development Through Student Community Service
U18VER0009	Winning Mindset for Career Success
U18VER0010	Life Changing Skills
U18VER0011	Bharatanatyam for Beginners
TICHXVEROOTZ I	Fundamentals of Self Defence and Fitness Through Martial Arts
U18VER0013	Western Dance for Beginners
U18ENR0001	Mastering Sustainable Skills

Suggestion given by Mr.P.Niranjan

✓ One Credit course offered by Biotechnology department "U18BTI0206-MS-Excel for Biology"; the course name can be changed as Spreadsheet for biology.

Suggestion given by Mr.R.Ramesh

✓ One Credit courses offered by Mechatronics Engineering department "U18MCC0001-Robot Operating System", While developing the operating system for Robots try for opensource type of system rather than brand based operating system.

After detailed deliberations, the committee approved the above proposal.

04. Approval for curriculum and syllabus of new PG Programmes

Chairman Academic Council invited the chairman of BOS of Civil Engineering and Textile technology, present the curriculum, syllabus and seek the approval for the new programmes for PG programmes.

The list of new PG Programmes are listed below:

Sl.No	Department	Program Name
1.	Civil Engineering	M.E. (Infrastructure Engineering and Management- (AICTE- S.No. 359) curriculum outline presented at 26th BoS meeting, and members suggested to include few technical courses and the curriculum and syllabus was presented in the BoS meeting has been approved by the BoS members. The same has been presented to the ACM members for approval.
2.	Textile Technology	M.Tech (Technical Textile – (AICTE-S.No-603) curriculum outline presented at 19th BoS meeting and members suggested to strengthen the content of the syllabus and the updated curriculum and the syllabus presented in the 21st BoS meeting which has been approved by the BoS members. The same has been presented to the ACM members for approval.

After detailed deliberations, the committee approved the above proposal.

05. Approval of amendments in R18 regulations and Approval for award of UG (Hons), UG (Hons) with specialization and UG with Minor specialization as per Anna University guidelines from Academic year 2021-22 onwards

Chairman Academic Council invited Dr. Vinohar Stephen, Head – Academic Innovations to present and seek the approval for amendments in R18 regulations (UG), MBA -R22 and Approval for award of UG (Hons), UG (Hons) with specialization and UG with Minor specialization as per Anna University guidelines from Academic year 2021-22 onwards.

Permission sought for Approval of the following amendments:

Ratification - Maximum Duration for B.E / B.Tech Degree (Regulation 2015)

Stream	Existing R-2015	Proposed Ratification	Comments by ACM Members
Regular	4+4 Years (8+8 semesters)	4+3 Years (8+6 semesters)	Students who have exhausted the maximum duration have to get the
Lateral	3+4 Years (6+8 semesters)	3+3 Years (6+6 semesters)	special permission from Anna university for writing Arrear Exam.

MBA [Project Management] : Amendments in R-2022

S.No.	R22	R22(A)
1.	Marketing for Managers (Open Elective)	Changed as a Core Foundation course
2	Open Elective	Consumer Behavior
3	Project Stakeholder Management (Optional Elective)	Changed as a Core Functional Course
4	Optional Elective	Project Contract Management
5	Absolute Grading	Relative Grading for a student strength greater than 30
6	Total credits - 102	Total credits - 105

MBA [Applicable to all courses Amendments in R-2022]

S.No.	R22 - Existing	R22(A) - Proposed
	End Semester Exam	4 and 3 credit courses - Duration is 3 hours (for
1	(Duration 2 hours for 50 Marks)	100 Marks) applicable henceforth for students admitted during the academic year 2022 onward

Approval for award of UG (Hons), UG (Hons) with specialization and UG with Minor specialization as per Anna University guidelines from Academic year 2021-22 onwards:

For student	s admitted from 20	21 onwards, as per AU circular dat	ed, 16.11.2022
Degree	Additional Credits to be earned	Domain	Eligibility Criteria for enrollment
B.E /B.Tech (Honours) with specialization	18	One vertical of the program	CGPA 7.5 (up to Semester III) & cleared all courses in first attempt
B.E/ B.Tech (Honours)	18	More than one vertical (across verticals) of the program	CGPA 7.5 (up to Semester III) & cleared all courses in first attempt
B.E /B.Tech (Minor)	18	One Vertical of other programs	CGPA 7.5 (up to Semester III)

Criteria for Award (for Minor /Honours/ Honours with Specialization)						
Degree	Maximum Duration	CGPA	Other Criteria			
First class distinction	5 years (Regular) 4 years (Lateral)	8.5	 Cleared all courses on the first attempt. Should not be prevented from lack of attendance. One-year break of study allowed. 			
First class	5 years (Regular) 4 years (Lateral)	7.5 (Honours & Honours with specialization) 6.5 (Minors)	Honours & Honours with specialization: Cleared all courses on the first attempt. Should not be prevented from lack of attendance. One year break of study allowed. Minors: One year break of study allowed.			

After detailed deliberations, the committee approved the above proposal.

06. Approval for regulations 2023 framework

Chairman Academic Council invited Dr. Vinohar Stephen, Head – Academic Innovations to present and seek the approval for regulations 2023 framework.

The following points are presented to ACM members regarding the regulations 2023 framework.

- A team of 25 faculty are working on formulation.
- Credit norms as per AICTE / NCrF guidelines.
- Simultaneous Dual Degrees.
- · Mandatory Internship during summer vacations.
- Optional credits and streams (Interdisciplinary Minors, Honors, Addon courses)
- Enhancing existing processes.
- · Feedback from stakeholders obtained.

Feedback Received based on various categories listed below.

Category	Feedback Received					
Compliance	 Laboratory courses' number of hours needs to be increased to three hours. Summer Internship to be mandated. All projects have to be converted into papers / reflection journals 					
Course offerings	 Two credit courses may be offered with less theoretical hours and more lab hours. Extra credit should be considered for publications and patents. Technical Skills and research development course for 3 credits – students' part of hackathon and technical competitions Comprehensive viva should be mandatory. Electives to be grouped into verticals. AI and ML courses to be introduced for all branches. Ethics course to be re-introduced in the curriculum. Engineering clinic courses can be offered from the second year. Courses on research and IPR needs to be given for PG students 					
Curriculum Flexibility	 Fast track /Accelerated mode of delivery of courses to be resumed. Each domain has one skill development course. One credit course mapping to be re-introduced. Industry offered 3 credit courses to be introduced (Samsung, IBM) 					
Curriculum Enrichment	 Online simulation tools may be used for the assessment and evaluation of students. Software certifications can be considered after assessment. Audit of courses to be allowed. Dual degree program be introduced. In courses few units to be taught each by Industry experts. 					
Assessments and Evaluation	 Assessment pattern to be decided by course coordinators/Course Handling Faculty Members External Evaluation is required for Phase I Project Review Embedded course assessment patterns need to be reframed. 					

	Periodic class tests to monitor student progress
	Separate course track for internship (semester long)
	 Open / Professional elective slots can be from 4th semester.
	 Integrated classes (Theory + Lab work simultaneously)
74 J (D Jl J.	Increased lab hours.
Student Feedback	 Engineering clinics operations to be improved.
	Slow/Fast track for minor specialization
	Embedded C can be offered in 6th semester / Also refresher C.
	Startup /entrepreneurship courses to be offered.

Suggestion given by Dr.S.Shenbagadevi

✓ Regarding the paper publication of students using project work, the student should be advised to publish in good journals and also welcomes this move for publication by student using their project work.

Suggestion given by Dr. J. Nafeesa Begum:

✓ Formulation of rubrics for project evaluation can be done.

The members appreciated the R23 framework.

After detailed deliberations, the committee approved the above proposal.

Suggestion given by Ms.Sudha Rengarajan

Suggested to include the following topics in the curriculum, ESG (Environment, sustainability and Governance) frameworks based on the specialization. some of the topics that may be of interest like ESG Fundamentals, ESG global reporting & Disclosure, ESG Integration & Financial Analysis. Greenhouse Gas Accounting, Corporate Governance etc.

07.Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed a vote of thanks.

Appi	roved by		<u>Signature</u>
1	Dr. D. Saravanan	Chairman - Academic Council / Principal	Sum
	1,	Nominee of Anna University	49
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Shinkaged)
3	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	Der grain

Dr.D.Prabhakaran		Professor, Department of	
	Chemical Engineering Coimbatore Institute of	Asher.	
	Technology		
	Coimbatore-641014		

The meeting came to an end at 12.30 pm.

Chairman, Academic Council /Principal

Dr. D. SARAVANAN, M.Tech., Ph.D., PRINCIPAL

Kumaraguru College of Technology Coimbatore - 641 049.

Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature				
5 Mr.Niranjan.P		Mr.Niranjan.P Chief Executive Officer, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018, India					
6	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Chlu				
°7	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103	Maria				

Internal Members and Board Chairman / Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
8	Dr.R.Karthikeyan	Professor in EIE and Controller of Examinations	4 Due
9	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	A. Denter
10	Dr. J. Vijay Prakash	Associate Professor and Deputy CoE, Convener, AC Meeting	J.
11	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	W.
12	Dr.B.Senthilkumar	Associate Professor, Mechanical Engineering and Coordinator- Autonomous	DE
13	Dr. V. Selvan	Chairman – Board of Civil Engineering	Ill
14	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering	C. valmungan

Sl.No.	Name of the Member	Designation & Department	Council Meeting, 28th Feb 202 Signature
15	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering	
16	Dr. J. D. Andrew Pon Abraham	Chairman -Board of Automobile Engineering	this
17	Dr. M. Senthilkumar	Chairman - Board of Aeronautical Engineering	old and
18	Dr. V. Dinesh Kumar	Chairman - Board of Electronics & Instrumentation Engineering	Comp.
19	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering	Come
20	Dr. M. Bharathi	Chairperson -Board of Electronics & Communication Engineering	H. Bhrathi.
21	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering	S. Drenali.
22	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology	Township
23	Dr. M. Alamelu	Chairperson - Board of Information Technology	Que
24	Dr. R. Baskar	Chairman – Board of Biotechnology	R. Sas C
25	Dr. R. Priyadarshini	Chairperson – Board of Fashion Technology	R.K.l.
26	Dr. M. Ezhilarasi	Associate Dean, School of Foundational Sciences	geglipre.
27	Dr. H. Arul	Chairman - Board of Physics	H. Alms
28	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry	CES
29	Dr. K. Maheswari	Chairperson - Board of Mathematics	X Vol
30	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English	B0~4
31	Dr. Mary Cherian	Chairperson –Board of Management Studies	× WHI
32	Dr.V.Vijilesh	Chairman – Board of Computer Applications	a Tilly
33	Prof. U. Thiruvaazhi	HoD - Information Science and Engineering	U

Members not present:

To: All the members

Sl.No.	Name of the Member	Organization	Role Experts Nominated by Governing Body	
1	Prof.C.Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203		
2	Mr.Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body	



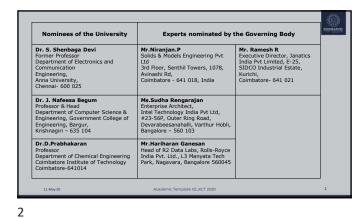
Chairman, Academic Council / Principal

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL
Kumaraguru Columba of Technology

Kumaraguru College of Technology Colmbatore - 641 049.









- 1) Ratification in R2015 regulation regarding the maximum duration of the completion of BE / B.Tech degree course is 4+3=7 years instead of 4+4=8 years
- 2) Approval for award of UG (Hons), UG (Hons) with specialization and UG with Minor specialization as per Anna University guidelines from Academic year 2021-22 onwards.
- 3) Approval for minor specialization streams.
- 4) Approval for additional professional electives and one credit courses in R18 regulation.
- 5) Approval for regulations 2023 framework.
- 6) Any other matter with the permission of Chairman, Academic Council.

Department Presentations



- Approval new One credit courses / Professional core / elective courses, Special electives and Open electives
- Approval for minor specialization streams
- Approval for curriculum and syllabus of new PG Programmes

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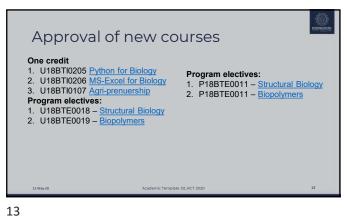








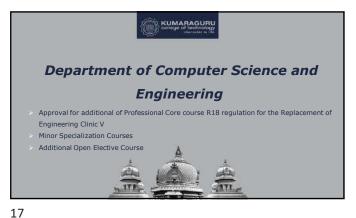
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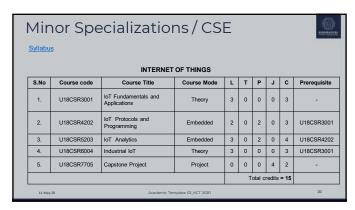






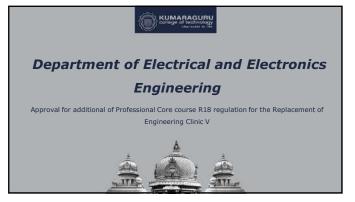












Members of the Board
University Nominee: Dr. K. Ranjith Kumar, Associate Professor,
GCT, Coimbatore.

Academic Experts: Dr.S. Moorthi, Associate Professor/EEE, NIT,
Trichy
Dr. R. Muthiah, Dean/School of Computing,
SASTRA University, Thanjavur.

Industry Expert: Dr. Shriram Vasudevan, Project Manager ,
L&T Technology Services Ltd, Bengaluru.
Mr. J. Senthil Prakash, Technical Director,
M/s Techno Pac, Coimbatore.

Alumni: Mr.K.Gangadharan, Senior software Architect,
Robert Bosch, Coimbatore.

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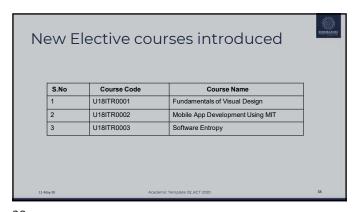




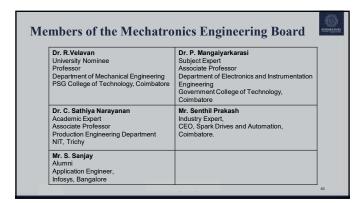


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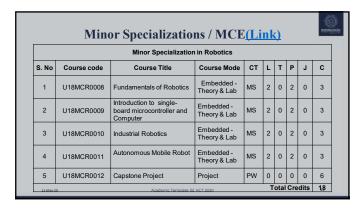


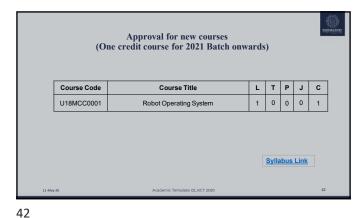






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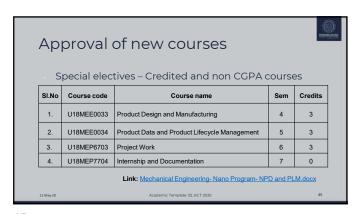






University Nominee: Dr.V.Selladurai, Professor, Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore. Academic Experts: 1. Dr. S. Jayaraj, Professor, Department of Mechanical Engineering, National Institute of Technology, Calicut. 2. Dr. S. Senthilvelan, Professor and Head, Department of Mechanical Engineering, Indian Institute of Technology Guwahati, Guwahati. Industry Expert: Dr.T.Ramprabhu, Joint Director, DRDO, Bangalore. Alumni: Mr.R.Sanjay, Product Design Engineer, Bus Chassis and Frames, Vehicle Design Department, Daimler Trucks Innovation Centre India, Bangalore.

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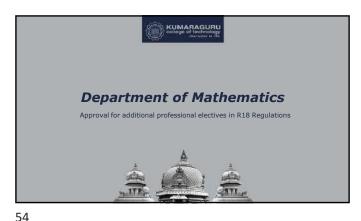


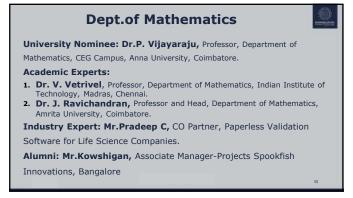


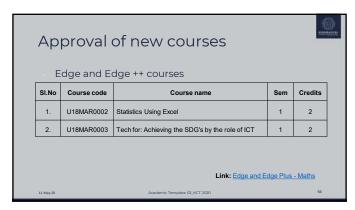
MBA	- List of Open El	ective	courses
Course Code	Course Title	Course Code	Course Title
P18MBO0001 -R21	DESIGN THINKING	P18MBO0014 -R21	CRITICAL THINKING THROUGH CASE STUDIES
P18MBO0002 - R21	THE ART OF ADVERTISING AND COMMUNICATION	P18MBO0015 - R21	ACCOUNTANCY FOR FIRST GENERATION ENTREPRENEUR
P18MBO0003 -R21	GLOBAL BUSINESS CULTURES	P18MBO0016 -R21	SELF-AWARENESS AND PERSONAL LEADERSHIP
P18MBO0004 - R21	SOCIAL MEDIA MARKETING	P18MBO0018 -R21	PERSONAL TAXATION
P18MBO0005 - R21	DISRUPTIVE THINKING	P18MBO0017 -R21	ENTREPRENEURIAL FINANCE
P18MBO0006 -R21	IMPORT AND EXPORT PROCEDURE	P18MBO0019 -R21	PROCESS EXCELLENCE
P18MBO0007 -R21	INTRODUCTION TO CONSTITUTIONAL LAW	P18MBO0020 -R21	BUSINESS PLAN DEVELOPMENT
P18MBO0008 -R21	PERSONAL INVESTMENT MANAGEMENT	P18MBO0021 -R21	PROCESS SAFETY MANAGEMENT
P18MBO0009 -R21	SELF AWARENESS AND LEADERSHIP	P18MBO0022 -R21	MARKETING AND BUSINESS STRATEGY FOR BEGINNERS
P18MBO0010 -R21	INTRODUCTION TO PROJECT MANAGEMENT	P18MBO0023 -R21	EXIM MANAGEMENT- AN COMPLETE INCLUSIVE ON EXPORT IMPORT MANAGEMENT
P18MBO0011 -R21	SOCIAL ENTREPRENEURSHIP	P18MBO0024 -R21	FUNDAMENTALS OF LOGISTICS FOR EXPORTS AND IMPORTS
P18MBO0012 -R21	CORPORATE SOCIAL RESPONSIBILITY AND SOCIAL MARKETING	P18MBO0025 -R21	DIGITAL MARKETING
P18MBO0013 -R21	Cost Accounting	P18MBO0026-R21	ESSENTIALS FOR EMERGING LEADERS
11-May-20	Academic Ter	mplate 02_KCT 2020	51

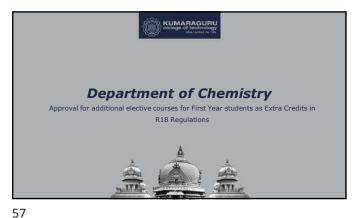


















Members of BOS



- · University Nominee: (Dr. E S Uma Maheswari, GCE, Tirunelveli)
- · Academic Expert: (Dr. Sathyaraj Venkatesan, NIT, Trichy)
- · Academic Expert: Dr. Vijaya, EFLU, Hyderabad

61

- · Industry Expert: (Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai)
- · Alumni: (Dr. Abishek Paul Jackson, Benglen Public School, CBE)

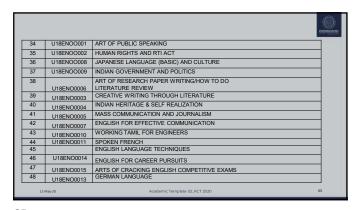
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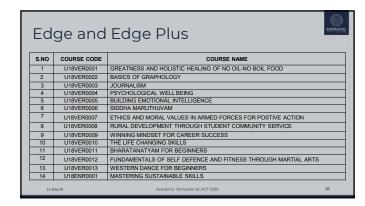
Recommendations from the BOS

The experts approved the open Electives, Edge and Edge plus courses.

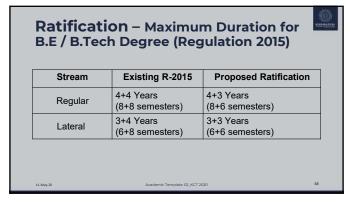
Open Electives – 3 Credits
Edge and Edge Plus – 2 Credits

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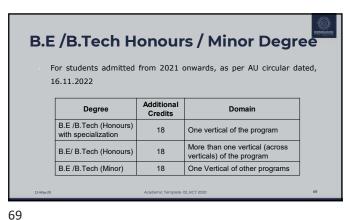






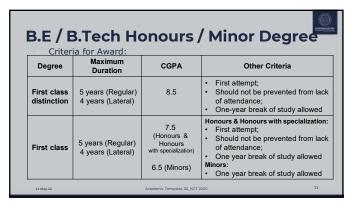


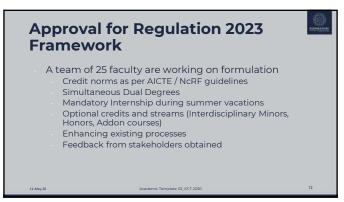
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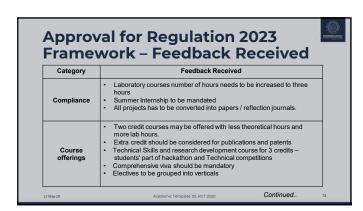
B.E /B.Tech Honours / Minor Degree Eligibility Criteria for enrollment: Honours & Honours with specialization: CGPA 7.5 (upto Semester III) & Cleared all courses in first attempt Minor specialization CGPA 7.5 (upto Semester III)

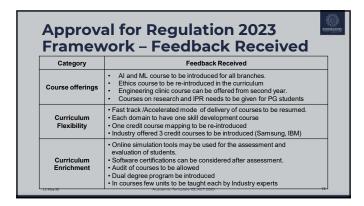
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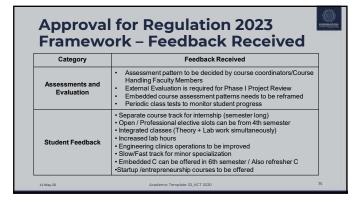




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ANNA UNIVERSITY

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Office : +91 44 2235 7004 Fax : +91 44 2235 1956

E-Mail: registrar@annauniv.edu

Letter No.5749/AU/CAC/Honours/2022

To

The Principals of Autonomous Colleges Anna University.

Sir/Madam.

1) De Stephen Meen 2) De Benton Meen 2) De Benton Sub: Anna University - Award of UG (Hons) with Specialisation, UG with Minor and UG (Hons) - Reg.

It is informed that based on the guidelines provided by AICTE, the 28th Academic Council of Anna University has approved the implementation of the following.

- 1. B.E. / B.Tech. (Honours) in the same discipline
- 2. B.E. / B.Tech. Minor in other specialization and
- 3. B.E. / B. Tech. (Honours).

This shall be implemented for the UG students in the Autonomous Colleges affiliated to Anna University, who have joined from the academic year 2021 - 2022 onwards.

The norms for the regulations regarding the award of B.E. / B.Tech. (Honours) in the same discipline, B.E. / B.Tech. Minor in other specialisation and B.E. / B. Tech. (Honours) are provided in Annexure-I.

These norms for offering B.E. / B.Tech. (Honours) with Specialisation, B.E. / B.Tech. with Minor and B.E. / B.Tech. (Honours) shall be adopted in the respective regulation of your college under Autonomous status. This can be offered to those students who opt for it and also eligible for the same. Steps shall be taken by your college such that additional teaching faculties and staffs may be recruited and necessary infrastructure may be established to meet all the requirements of the additional courses that will be offered under the amended regulation.

This decision is taken with the approval of the competent authority.

This is for your information and necessary action at your end.

REGISTRAR i/c

Encl: Annexure-I

Copy to:

- 1. PS to Vice Chancellor
- 2. PA to Registrar
- 3. The Chairpersons, Faculty of Civil / Mechanical / Electrical / ICE / Technology / Management Sciences / S&H / Architecture & Planning, AU, Ch - 25.
- Office of the Controller of Examinations.
- The Stock File, CAC.

ANNEXURE I

(Amendment to the Regulation 2021 (CBCS) for B.E. / B. Tech. degree Programme offered in Non-Autonomous Affiliated Colleges)

4.10 B.E. / B. Tech. (Hons) Specialisation in the same discipline, B.E. / B. Tech. (Hons) and B.E. / B. Tech. minor in other specialisation.

(i) B.E./B. Tech. Honours (specialisation in the same discipline):

- a. The student should have earned additionally a minimum of 18 credits from a vertical of the same programme.
- b. Should have passed all the courses in the first attempt.
- c. Should have earned a minimum CGPA of 7.50.

(ii) B.E / B.Tech. Honours

- a. The students should have earned additional courses (minimum of 18 credits) from more than one vertical of the same programme.
- b. Should have passed all the courses in the first attempt.
- c. Should have earned a minimum CGPA of 7.50.

(iii) B.E./B.Tech. (minor in other specialisation)

The student should have earned additionally a minimum of 18 credits in any one of the verticals of other B.E/B.Tech programmes or from any one of the following verticals

VERTICAL I: FINTECH AND BLOCK CHAIN

VERTICAL II: ENTREPRENEURSHIP

VERTICAL III: PUBLIC ADMINISTRATION VERTICAL IV: BUSINESS DATA ANALYTICS

VERTICAL V: ENVIRONMENT AND SUSTAINABILITY

- Students can earn maximum of 6 credits in online mode (SWAYAM platform), out of these 18 credits as approved by Centre for Academic Courses
- 3. B.E./ B. Tech. (Hons) Specialisation in the same discipline, B.E / B.Tech. Honors and B.E./B.Tech. minor in other specialisation degree will be optional for students.
- 4. For the categories 1 (i) to 1(ii), the students will be permitted to register the courses from V Semester onwards provided the marks earned by the students until III semester should be of CGPA 7.50 and above and cleared all the courses in the first attempt.
- For the category I (iii), the students will be permitted to register the courses from Semester V onwards provided the marks earned by the students until Semester III is CGPA 7.50 and above.
- 6. If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

7. If a student decides not to opt for Minor, after completing certain number of courses, the additional courses studied shall be considered instead of Open Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of open electives required as per the curriculum, the courses with higher grades shall be considered for calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

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CLASSIFICATION OF DEGREE

16.2.1 First class with distinction

Degree (i)	Duration programme (ii)	and the second second	ation nitted (iii)	Additional credits above the requirement of curriculum (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention due to lack of attendance	Withdrawal from writi end semes examination (viii)	ing
B.E./B.Tech. (Regular)	4 years	5 ye	ars		8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not considered an attempt	be as
B.E./B.Tech. (sandwich)	5 years	6 ye	ars		8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not considered an attempt	be as
B.E./B.Tech. Lateral Entry	3 years	4 ye	ars		8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted		be as

B.E./B.Tech. (Honours) Specialisation in the same discipline	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6 years (Lateral entry, Regular, Sandwich respectively)	18 credits from any one vertical of the same programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. (Honours)	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6 years (Lateral entry, Regular, Sandwich respectively)	18 credits from more than one verticals of the same programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. minor in other specialisation	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6 years (Lateral entry, Regular, Sandwich respectively)	18 credits from any one vertical of the other programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt

16.2.2 First class

Degree (i)	Duration of programme	Duration permitted (iii)	Additional credits (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention due to lack	Withdrawal from writing end
	(ii)	permitted (m)	cicuits (iv)		(41)	study (VII)	of attendance	semester examination (viii)
B.E./B.Tech. (Regular)	4 years	5 years	-	6.50		One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	
B.E./B.Tech. (sandwich)	5 years	6 years	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	
B.E./B.Tech. Lateral Entry	3 years	4 years		6.50	-	One year authorised break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	
B.E./B.Tech. (Honours) Specialisation in the same discipline	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6/ years (Lateral entry, Regular, Sandwich respectively)	18 credits from any one vertical of the same programme	7.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt

B.E./B.Tech. (Honours)	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6 years (Lateral entry, Regular, Sandwich respectively)	18 credits from more than one verticals of the same programme	7.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. minor in other specialisation	3/4/5 years (Lateral entry, Regular, Sandwich respectively)	4/5/6 years (Lateral entry, Regular, Sandwich respectively)	18 credits from any one vertical of the other programme	6.50	-	One year authorised break of study included in the Duration permitted (iii)	permitted	-

-

Second Class

16.2.3 SECOND CLASS:

B.E./B.Tech. Regular, sandwich and lateral entry and B.E./B.Tech. minor in other specialisation degree students (not covered in clauses 16.2.1 and 16.2.2) who qualify for the award of the degree (vide Clause 16.1) shall be declared to have passed the examination in **Second Class**.

16.2.4. Student earned additional 18 credits as per Clause 4.10 (i) and (ii) but does not satisfy the conditions mentioned in 16.2.1 or 16.2.2 shall not be awarded B.E./B.Tech.Honours. In such cases the mark sheet will show the additional courses studied and those courses shall not be considered for CGPA computation. In such case if the student becomes eligible for First Class, while computing CGPA without taking into account the additional course studied, the student shall be awarded B.E. / B.Tech. in First Class only.



[An Autonomous Institution Established in 1984 Affiliated to Anna University Chennai Approved by AICTE, New Delhi Accredited by NAAC]

Ref: KCT/ACM/M25/2022-23

4th May 2023

Dear Sir/Madam,

Sub: 25th Academic Council Meeting -reg.

Warm greetings from Kumaraguru College of Technology

We wish to inform that the 25th Academic Council Meeting of Kumaraguru College of Technology, Coimbatore is scheduled to be held, 10.30 am on 08th (Monday) May 2023, at Kumaraguru College of Technology, Coimbatore.

AGENDA

- Action taken report on 18th Academic council meeting to 24th academic council meeting.
- 2) Presenting the Progress for regulation 2023
- 3) Approval for draft regulation copy 2023
- 4) Approval for list of electives/ streams
- 5) Approval for new minor/micro/nano specialization courses
- 6) Approval on UNSDG courses Non CGPA courses
- 7) Approval for New courses (Physics/Chemistry/Maths/English/EEE/MECH/CIVIL/CSE)
- 8) Approval for new programme for the academic year 2023-24
- Approval for Tamil course syllabus for UG (Mandatory credit Non- CGPA course) to be offered in II and III semester -for UG (B.E/ B.Tech) students admitted during the AY 2022-2023 only.
- 10) Any other matter with the permission of Chairman, Academic Council.

Thank You,

Yours Sincerely,

Dr. D. SARAVANAN, M.Tech., Ph.D.,
PRINCIPAL

Kumaraguru College of Technology
Coimbatore - 641 049. No. 2034 Coimbatore - 641 049 Tamilnadu INDIA

Coimbatore - 641 049. Voice: +91 422 266 11 00 Fax: +91 422 266 94 06

Dr.D.Saravanan
Principal and Chairman, Academic Council

info @kct.ac.in

To

Members concerned.





MEETING OF THE 25th ACADEMIC COUNCIL

Date: 08.05.2023 (Monday)

TABLE AGENDA

Sl.No	Time	Agenda Points	By
1	10.30 am	Welcome Address and action taken report on previous ACM meeting (18 th to 24 th ACM)	Dr. D. Saravanan, Chairman – Academic Council
2	10.45 am	 ✓ Presenting the Progress for regulation 2023 ✓ Approval for draft regulation copy 2023 	Dr. Vinohar Stephen / DoA
3	11.20 am	✓ Approval for list of electives/ streams	HoD's of concerned departments
4	11.30 am.	✓ Approval for new minor/micro/nano specialization courses	HoD's of concerned departments
5	11.50 am	✓ Approval on UNSDG courses- Non CGPA courses	HoD's of concerned departments
6	12.00 pm	✓ Approval for New courses (Physics/Chemistry/Maths/English/EEE/MECH/CIVIL/CSE)	HoD's of concerned departments
7	12.30 pm	✓ Approval for new programme in the academic year 2023-24	HOD/ECE
8	12.50 pm	✓ Approval for Tamil course syllabus (Mandatory credit Non- CGPA course) to be offered in II and III semester -for UG students admitted from 2022 academic year onwards	HOD/Department of English
5	1.00 pm	Any other matter with permission of Chairman – Academic Council	
6	1.05 pm	Vote of Thanks	Dr. J.Vijay Prakash DCoE & Convener - ACM



Kumaraguru College of Technology, Coimbatore-641049

Event Organising / Participation cum Advance Request and Settlement Form

Event Type: Organising

Submission Date:15.04.2023

Dept:	Textile Technology	Faculty	/c & Design.	. C	r.S.Sundaresa	n/Dr.J.Vi	jay Prak	ash		Is it	appro	ved in Bu	dget?	Y	
1	Nature of Event	25 th Aca	demic Counc	cil Meetin	Aud	rget ience: ⁄lembers			ilty (F), stry(I)		1000	Event Date(s), uration & Venue:		08.05.2023. (One day) MBA -trainin hall/KCT	
2	Event Name	25 th Aca	demic Counc	c <mark>il Meeti</mark> n		KCT:26 Others			Regn. (Rs):		CT Others	_	-	:	
3	Outcomes	•	Regulations To get appro curriculum a To get Appro and syllabus	oval for U and syllab oval for P s for R23	G-I sem curric	n ulum	Resour Person	rce n(s)	NA						
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	Task / Activ	vity		Details , Require	ments (Nos.)	date f	or letion	Expe (Rs.)	ense)	1000		Allotted	A STOREGIST	ployee Numberable to (detai	
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Balance Amount to be refunded (-) / paid (+).(Rs)	14 7 7 7 7 7 7 7			
AAD Report Submission Date (By AAD coordinator)		•	·*	
Event.Report to Communication (Date of submission)		- T	22.00	



Date: 08.05.2023

25th Academic Council Meeting Attendance sheet MEMBERS OF THE ACADEMIC COL

MEMBERS OF THE ACADEMIC COUNCIL					
Sl.No	Name of the Member	Designation & Department	Signature		
1.	Dr. D. Saravanan	Principal, Chairman - Academic Council	1 08/ps/2019		
2.	Dr. S. Shenbaga Devi	University Nominee Former Professor Department of Electronics and Communication Engineering, Anna University, Chennai.			
3.	Dr. J. Nafeesa Begum	University Nominee Professor & Head Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104	Jan 6 1/05/2023		
4.	Dr.D.Prabhakaran	University Nominee Professor Department of Chemical Engineering Coimbatore Institute of Technology Coimbatore-641014	Alek Joslas		
5.	Prof.C.Muthamizhchelvan	Other Institute Nominee Director, Faculty of Engineering and Technology SRM University			
6.	Mr.Niranjan.P	Industry Nominee Solids & Models Engineering Pvt Ltd	Wasc		
7.	Mr.R.Ramesh	Alumni Member Executive Director, Janatics India Pvt Limited	Chilosoph		
8.	Ms.Sudha Rengarajan	Alumni Member Enterprise Architect, Intel Technology India Pvt Ltd	\$ 2023		
9.	Mr.Hariharan Ganesan	Alumni Member Head of R2 Data Labs, Rolls-Royce India Pvt. Ltd			
10.	Dr. V. Selvan	Head, Chairman – Board of Civil Engineering	· She sidos		
11.	Dr. C. Velmurugan	Head, Chairman - Board of Mechanical Engineering	C. velmingelstoor		

Sl.No.	Name of the Member	Designation & Department	Signature
12.	Dr. M. Saravanan Mohan	Head, Chairman - Board of Mechatronics Engineering	Sa offician
13.	Dr. J. D. Andrew Pon Abraham	Head, Chairman - Board of Automobile Engineering	Shaper (sil 22)
14.	Dr. M. Senthilkumar	Head, Chairman - Board of Aeronautical Engineering	mal my slocks
15.	Dr. V. Dinesh Kumar	Head, Chairman - Board of Electronics & Instrumentation Engineering	08/05/23.
16.	Dr. K. Malarvizhi	Head, Chairperson – Board of Electrical & Electronics Engineering	Cross 23
17.	Dr. M. Bharathi	Head, Chairperson - Board of Electronics & Communication Engineering	4. Bhrathi. 8/5/23.
18.	Dr. P. Devaki	Head, Chairperson – Board of Computer Science and Engineering	d. drenay? 8/5/23.
19.	Dr. V. Ramesh Babu	Head, Chairman - Board of Textile Technology	te de May
20.	Dr. M. Alamelu	Head, Chairperson - Board of Information Technology	Marinor
21.	Prof. U. Thiruvaazhi	Head, Chairman – Board of Information Science and Engineering	0.
22.	Dr. R. Baskar	Professor and Head, Chairman – Board of Biotechnology	Man 10 10 23
23.	Dr. R. Priyadarshini	Head, Chairperson – Board of Fashion Technology	P. P. 108/05/23
24.	Dr K Maheswari	Head, Chairperson – Board of Mathematics	Helen 123
25.	Dr H Arul	Head, Chairman - Board of Physics	H. CAL 8/5/23
26.	Dr K R Aranganayagam	Head, Chairman - Board of Chemistry	Mad
27.	Dr Arokia Lawrence Vijay	Head, Chairman – Board of English	Born
28.	Dr. Mary Cherian	Head, Chairperson – Board of Management Studies	_
29.	Dr.V.Vijilesh	Head, Chairman – Board of Computer Applications	1 in
30.	Dr. M. Ezhilarasi	Associate Dean & Head School of Foundational Sciences	Jehler.
31.	Dr.R.Karthikeyan	Controller of Examinations	To a series of the series of t
1/	Dr. Vinohar Stephen Rapheal	Associate Professor – Biotechnology, Head-DOA	Dh 8/5/23

Sl.No.	Name of the Member	Designation & Department	Signature
33.	Dr. S. Sundaresan	Head Autonomous / Associate Professor Textile Technology	African.
34.	Dr. J. Vijay Prakash	Associate Professor & Deputy CoE – Convener, Academic Council Meeting	FAT .
35.	Dr.B.Senthilkumar	Coordinator-Autonomous/Associate Professor, Mechanical engineering	BW



8th May 2023

Minutes of the 25th Meeting of Academic Council

The 25th Meeting of the Academic Council of Kumaraguru College of Technology was held on 8th May 2023 (Monday) from 10.30 a.m. to 1.00 pm at MBA Training Hall, Dr MVB, KCT Campus.

Mode of Meeting - Blended Mode

- 1. Expert(s) Joined through Online (MS Teams) Dr. S. Shenbaga Devi, AU Nominee
- 2. Other Members Joined through Physical Mode

Following members were present in the meeting:

Chairman - Academic Council - Autonomous Statue

1. Dr. D. Saravanan - Principal & Chairman, Academic Council

Mer	Members Nominated by Anna University Chennai						
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai- 600 025					
3.	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur, Krishnagiri – 635 104					
4.	Dr.D.Prabhakaran	Professor, Department of Chemical Engineering Coimbatore Institute of Technology, Coimbatore-641014					

PROCESSAL AND ADDRESS OF THE PARTY OF THE PA	Experts nominated by the Governing Body from outside the college representing such areas as industry, Commerce, Law, Education, Medicine, Engineering, etc.,					
5.	Ms.Sudha Rengarajan	Enterprise Architect,, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Devarabeesanahalli, Varthur Hobli, Bangalore – 560 103				
6	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd, Coimbatore - 641 018				
7	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited, E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021				

Interna	Internal Members and Board Chairpersons						
Sl.No.	Name of the Member	Designation & Department					
8	Dr. R.Karthikeyan	Controller of Examinations					
9	Dr. S. Sundaresan	Head Autonomous					
10	Dr. J. Vijay Prakash	Convener, AC Meeting					
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations					

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Minutes of 25th Academic Council Meeting, 8th May 2023

Interna	al Members and Board Chairper	sons
Sl.No.	Name of the Member	Designation & Department
12	Dr. B.Senthilkumar	Coordinator-Autonomous
13	Dr. V. Selvan	Chairman – Board of Civil Engineering
14	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering
15	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering
16	Dr. J. D. Andrew Pon Abraham	Chairman -Board of Automobile Engineering
17	Dr. M. Senthilkumar	Chairman - Board of Aeronautical Engineering
18	Dr. V. Dinesh Kumar	Chairman - Board of Electronics & Instrumentation Engineering
19	Dr. K. Malarvizhi	Chairperson - Board of Electrical & Electronics Engineering
20	Dr. M. Bharathi	Chairperson -Board of Electronics & Communication Engineering
21	Dr. P. Devaki	Chairperson - Board of Computer Science and Engineering
22	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology
23	Dr. M. Alamelu	Chairperson - Board of Information Technology
24	Dr. R. Baskar	Chairman - Board of Biotechnology
25	Dr. R. Priyadarshini	Chairperson - Board of Fashion Technology
26	Dr. M. Ezhilarasi	Associate Dean, School of Foundational Sciences
27	Dr. H. Arul	Chairman - Board of Physics
28	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry
29	Dr. K. Maheswari	Chairperson - Board of Mathematics
30	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English
31	Dr. Mary Cherian	Chairperson -Board of Management Studies
32	Dr. V.Vijilesh	Chairman - Board of Computer Applications
33	Prof. U. Thiruvaazhi	Chairman- Information Science and Engineering

01. Welcome Address

Dr. D. Saravanan, Chairman – Academic Council, welcomed the members to the 25th meeting of the Academic Council and briefed the proceedings.

2) Action taken report on 18th Academic council meeting to 24th academic council meeting

Chairman Academic Council invited Dr. S. Sundaresan, Head Autonomous to present the action taken report on 18th Academic council meeting to 24th academic council meeting.

The action taken report is given below.

Acad. Council Meeting & date		Action taken			
18/ 11.01.2021	For introduction of "Research Ethics" course for PG students' of 2020 batch, AU nominee advised to use the expertise of NITTTR	MoU has been signed with NITTTR for Training of Faculty Members. Training planned during May-June 2023.			
19/ 08.05.2021	Care to be exercised in CO/PO mapping for individual courses and outcomes, to be analyzed by faculty. Consent of Teacher concept (COT) can be considered and adopted in future	All Suggestions are well taken and implemented. Course by Consent proposed in New Regulation. Implemented.			

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Acad. Council		25th Academic Council Meeting, 8th May 2023
Meeting & date		Action taken
	Project Phase II should be in continuation of Project Phase I, wherever possible, so that student will be able to have more understanding of project and come with good output	
20/ 04.08.2021	Reusable & Recycling of Plastics topics can be added in Textile Technology courses. Topics related to PPE protection kit, filters and nano filters and masks to be included in protective textiles.	Introduced the topic in the elective course "Recycling in textiles". Topics included in "Medical textiles."
	For M.Tech (Defence Tech) MoU with DRDO can be tried. Visit to CVRDE Ordinance Factory at Tiruchi to be visited. Cryptography Encryption related topics can be offered.	MoU signed. Students visited CVRDE To visit during May 2023 Considered to include in the value-added course.
	For MBA (IEV) Programme For E-SAP courses Continuous Assessment (CA) and End Semester Assessment (EA) to be included in curriculum and it is recommended to review in the MBA BoS.	(CA) and (EA) included in curriculum and the syllabus is reviewed.
	For AI & DS programme The credit for the course Finance for Engineers needs to be revised from 2 to 3 credits by adding additional syllabus contents.	Changed to 3 credits and additional contents added
21/ 08.09.2021	MBA – Project Management Consult the Lakshmi Machine works, Forge Incubator for additional inputs for fine tuning the curriculum and syllabus. Include computer based analytical tools to analyze the project implementation.	Suggestions are well taken and are implemented. MBA -Project Management got affiliation from Anna university and started from 2022-23.
22/ 28.01.2022	For conducting minor specialization course on 3D printing the expertise from the faculty of ECE department can be utilized	Expertise from the faculty of ECE department utilized.
23/ 30.07.2022	Rescaling process discontinued. Instead, One Retest will be conducted for Genuine reasons, subject to DCC approval. For UHV II course (U18VET4101), End semester for 50 marks to be conducted.	Rescaling process discontinued. Instead, One Retest will be conducted Implemented
	In Language Electives, Fundamentals of Communications (3 credits) & Language Elective (3 credits) to be introduced	Implemented
24/28.02.2023	One Credit course offered by Biotechnology department "U18BTI0206-MS-Excel for Biology"; the course name can be changed as Spreadsheet for Biology.	Name changed as Spreadsheet for Biology.
	One Credit course offered by Mechatronics Engineering "U18MCC0001-Robot Operating System", While developing the operating system for Robots try for open-source type of system rather than brand based operating system.	Suggestion well taken and operating system for robots to be developed using open-source type.

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Minutes of 25th Academic Council Meeting, 8th May 2023

Acad. Council Meeting & date		Action taken
	Regarding paper publication by students through project work, student should be advised to publish in good journals and welcome this move - publication by student using their project work.	
	Formulation of rubrics for project evaluation can be done.	Rubrics Designed
	ESG / Environment, sustainability, and Governance frameworks like ESG Fundamentals, ESG global reporting & Disclosure, ESG Integration & Financial Analysis. Greenhouse Gas Accounting, Corporate Governance can be included in curriculum.	UNSDG courses are introduced

Council Members were satisfied with the actions taken on the suggestions given by the members during the 18th to 24th academic council meeting.

03. Presenting the Progress of Regulation 2023

Chairman Academic Council invited Dr. Vinohar Stephen Rapheal, Head - Academic Innovations to present the Progress of Regulation 2023.

The following were presented regarding the progress of framing regulation 2023 (Draft Copy Enclosed)

a) Objectives of Regulations 2023.

- To promote holistic, multidisciplinary education for every learner
- Open and flexible curriculum to meet a range of educational imperatives.
- Conceptual understanding rather than rote learning or learning-for-exams.
- Wide range of course offerings under CBCS along with tracks to specialize in selected domains.

b) Progress towards Regulations 2023: Various Initiatives were introduced in a phased manner in the existing Regulations 2018, in preparation for the new Regulations.

Policy / clause introduced	Academic Council dated
Minor Specializations	22 nd Meeting dated 28.1.2022
Bridge courses	22 nd Meeting dated 28.1.2022
Language Electives	22 nd Meeting dated 28.1.2022
Assessment Weightage, Letter Grade changes, Retests, Relative Grading	23 rd Meeting dated 30.7.2022
Edge Courses	24th Meeting dated 28.2.2023
Honors	24th Meeting dated 28.2.2023
New Regulation Feedback	24th Meeting dated 28.2.2023

c) Overview of Draft Regulations 2023: The following are the features of the proposed new regulation. More feedback sessions are planned in the coming weeks to finalize the draft.

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i) Academic and Curricular Compliances *

1000	Approval and Affiliation		Institutional		
1.	Admission (p. 5)	1.	Academic Audit (p.	1.	Academic and Examination
2.	Award of Credits and Grades (p. 7)		4)		Calendar (p. 4)
	Choice Based Credit System (CBCS) (p. 8)	2.	Academic and Examination Calendar (p.	2.	Academic Consultative Committee (ACC) (p. 4)
	Classification of Degree – UG and PG (p. 8)	3.	4) Academic Facilities and	3.	Academic Facilities and Utilization (p. 5)
-	Course Registration & Credit Requirements (p. 10)	4.	TI C	4.	Admission of Transferred / Detained Candidates (Credit
6.	Course and Class Committee (p. 10)		Outcomes with PO (p.		Equivalence) (p. 5)
7.	Curriculum Structure (p. 11)		15)	5.	Course Registration (p. 10)
0.00 mm //	Eligibility for Award of Degree (p. 14) Medium of Study (p. 16)	5.	Programme Educational Objectives (p. 17)	6.	Department of Academics (DoA) (p. 13)
	Personality Development Programmes (p. 16)	6.	Programme Specific Outcomes (p. 18)	7. 8.	Guidance and Mentoring (p. 14) Induction Programme (Bootcamp /
11.	Programme Duration (p. 17)				Ignite) (p. 15)
	Revision of Curriculum and Regulation (p. 18)			9.	Issuing Duplicate Grade Sheet(s) / Transfer Certificate (p. 15)
Cre	dits		1,00	10.	Office of the Controller of
	na University: 165 to170 Credits				Examination (OCoE) (p. 16)
The state of the	TE: 160 credits			11.	Parents' Meeting and Feedback (p.
	her education(USA):120 Credits				16)
	P-NHEQF: 160 Credits			12.	Special Provisions (p. 18)

^{*} Page numbers are as in Draft Regulations

ii) Academic & Curricular Offerings *

Academic Course Offerings - Regular	Academic Course Offerings - Introduced
Capstone Project	1. Audit course
2. Collaborative Course	2. Bridge Course
3. Core / Elective	3. Capsule Course
4. Embedded / Layer Learning	4. Competitions/ Hackathons
5. Field Study	5. Comprehension
6. Internship	6. Course-on-Demand
7. Management Courses	7. Course-by-Consent
8. MOOC	8. Delivery-at-Industry
Mini-project	9. Edge Courses
10. Self-Study Electives	10. Independent Study
11. Technical Seminar	11. Industry-driven Course
Value Added Courses	12. Interdisciplinary Course
	13. Language Electives
	14. Mandatory/Optional Tracks
	 Open Electives – Technical
	Open Electives – Global
	17. Partnered Courses
	18. Protosem
	19. Skill Courses
	20. Workshops

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* Page numbers are as in Draft Regulations and Generic Template of Curriculum is Enclosed.

iii) Academic & Curricular Flexibilities *

Curricular Flexibility	Curricular Enrichment
Academic Programme Duration (p. 27)	Extra / Co-Curricular Activities (p. 32)
2. Assessment-on-Demand (p. 28)	2. Double Degree (p. 32)
3. Assessment Options (p. 28)	3. Exchange Programme (p. 32)
4. Course Add / Drop / Re-Do (p. 28)	4. Gender Equity (p. 32)
5. Course / Examination Withdrawal (p. 29)	5. Honors Track (Gen/ Stream-Specific) (p. 32)
Credit Equivalence & Credit Transfer(p. 29)	6. Human Values (p. 33)
7. Extended Track (p. 30)	7. Immersion Program (Cultural / Social) (p. 33)
8. Fast-Track Option (p. 30)	8. Innovation Track (p. 33)
9. Flexi-Credit System (p. 30)	9. Intra / Inter-Campus Internships (p. 33)
10. Fractal Credit System (p. 30)	10. Leadership Track (p. 33)
11. Online / Hybrid Learning (p. 31)	11. Lecture Series (p. 34)
12. Online Assessment (p. 31)	12. Minor Specialisation (Management / Personal
13. Summer / Winter Track (p. 31)	Social / Traditional / Technical) (p.34)
	13. Micro-Specialisation (p.34)
	14. Nano-Specialisation (p.34)
	15. Peer Mentoring (p.34)
	16. Sustainable Development Goals (p.34)
	17. Value Added Courses (p.34)

^{*} Page numbers are as in Draft Regulations

iv) Assessment and Evaluation*

- 1. Mini-projects
- 2. Observations
- 3. Oral Presentation
- 4. Publications / Patents
- 5. Reports
- 6. Reviews
- 7. Rubrics
- 8. Semester End Evaluation
- 9. Term Papers
- 10. Tests
- 11. Viva-Voce

v) Student Support Systems*

Stud	lent Support Systems
1. Centre for Career Empowermen	t and 11. Chapters of Professional Bodies
Entrepreneurship Development	12. Learning & Development Academy
2. Centre(s) of Excellence	13. Kumaraguru Institutions (KIA, KCLAS
3. Centre for Human Excellence	SEA)
4. Counselling for Emotional We	ellbeing 14. Microcosm
(YourDost)	15. NM Tamil Research Centre
5. Department of Academics (DoA)	16. Office of Controller of Examinations
6. Forge Incubator	17. OSA – Clubs and Forums
7. Intellectual Property Cell	18. Physical Education (includes Kraft)
	19. Re-iQube-Garage (RiG)

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^{*} As in Draft Regulations

- Centre for Industrial Research & Innovation (KCIRI)
- Centre for Artificial Intelligence & Robotics (KCAIR)
- 10. Centre for Renewable Energy and E-Vehicle

vi) Benchmarking: Inspiration for certain processes related to regulations were derived from these Institutions and adapted to us.

Indian Institutions	Universities Abroad
1. Amrita University	AALBORG University, Denmark
2. BITS Pilani	2. Birmingham City University
3. IARI-Delhi	3. Cal State University
4. IIT BHU	4. Carnegie Mellon University
5. IIT B	HSE University, Russia
6. IIT-Delhi	6. Illinois Institute of Technology
IIT Hydrabad	7. Illinois State University
8. IIT Jodhpur	8. John Hopkins University
IIT KANPUR	9. MIT, Harvard
10. IIT M	10. National University of Singapore
11. JNU	11. Northwestern university
12. NIT Patna	12. Penn State Univ
13. NIT T	13. Stanford School of Engineering
14. NIT Warangal	14. Singapore U of Technology and Design
15. SNU	15. TU Denmark
16. VIT-Vellore	16. University of Arizona
	17. University of Edinburgh
	18. University of Greenwich
	19. University of Hong Kong
	20. University of Leeds
	21. University of Oxford, UK
	22. Univ of Rochester
	23. University of Sydney
	24. University of Tokyo

- vii) Team Visits: Few members of the regulation team visited and interacted with faculty of the following institutions:
 - 1. Indian Institute of Foreign Trade, New Delhi
 - 2. Indian Council of Agriculture Research, Delhi
 - 3. Indian Institute of Technology, New Delhi
 - 4. Jawaharlal Nehru University, New Delhi
 - 5. Indian Institute of Management, Lucknow Noida Campus

viii) Stakeholder Feedback: To finalize the regulations, an ongoing process of eliciting feedback from stakeholders is being conducted:

1. Academic Council members

2. Academic Peers

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^{*} As in Draft Regulations

- 3. Industry
- 4. Alumni
- 5. Faculty & Students
- ix) Features proposed to be included in Regulations 2018: Certain clauses discussed above in the draft regulations 2023, is proposed to be adapted to be introduced in Regulation 2018 as well.
 - 1. New Course offerings
 - 2. Fractal credit system
 - 3. Assessment options
 - 4. Rescheduled Exams
 - 5. Incentivizing Attendance / Participation
 - 6. Micro/nano specializations
 - 7. SDG, Internship tracks

Suggestion given by Mr.P.Niranjan, Industry Nominee

Emphasize application-oriented learning in curriculum framework design.

Suggestion given by Mr.R.Ramesh, Industry Nominee

✓ Practical knowledge and guidance to be given importance while framing the regulation and curriculum framework. Also insisted on the industry- Institute collaboration in teaching learning to be considered.

Suggestion given by Dr.Nafeesa Begam, AU Nominee

- ✓ Online assessment to be practiced only for internal assessment (IA) and not for end semester examination, and it is to be given for special cases only.
- ✓ Emphasize on more number of project/lab in the curriculum design, which will help the student to get good applicationoriented knowledge.
- ✓ Domain wise specific NPTEL certification courses can be practiced.
- ✓ Appreciated the implementation of end semester answer script display process to the students.

Suggestion given by Dr. D.Prabhakaran, AU Nominee

Attendance waiver for students is to be given in special cases only.

Suggestion given by Dr. S.Shenbaga Devi, AU Nominee

Rescheduling of internal exam / end semester exam to be done for student meant for special cases only.

The members appreciated the draft Version of Academic Regulations 2023 (for UG & PG of Engineering and Technology) and the Curriculum of UG & PG Programmes in Engineering and Technology.

After detailed deliberations, the committee approved the above proposal.

1/6/23

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04) Approval for list of electives / streams

Chairman Academic Council invited the chairman and Chairpersons of BOS of English, Chemistry, Mathematics and Physics to present and seek the approval for list of electives / streams. Also invited the chairman and Chairpersons of BOS of Aeronautical Engineering, Biotechnology, Civil Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Fashion Technology, Information Technology, Mechanical Engineering, Master of Computer Applications to present and seek the approval for UG 1st and 2nd Semester and PG-1st Semester curriculum and syllabus for R23.

The details are given below

S.No	Board	Details of the course													
1	English	i) Herr The T 2022-: The tw admitt ii) Int	tage of Tamils, amil courses ar 23 academic ye vo Tamil course ed from 2023-2	urses as per the rec ii) Tamils and Tec e going to be introd ar. The course is be as are going to be to 24 academic year of new language elect	chnology luced for t eing taugh aught in I nwards.	he U t in l	G s I an II se	tude d III mes	nts senter	admi neste	itted der. ie stud	lents			
2	Chemistry	Minor 1. 2. 3. 4. 5. 6.	Advanced M Materials for Sustainable M Materials Ch	on "Materials for I aterials (NM's, Pol Energy and Extrend Materials and Green aracterization and A coatings and Surface	ymers, Ce ne Environ Engineer Analysis	rami nmer ring	-	Glas	ses,	Con	nposit	es)			
			Pro	posed Mathematics	Course	for P	G –	Sem	este	er- I					
		S.No	Course code	Course Title	Mode	L	T	P	J	C	Prei	requisi	te		
		1	XXMAPC01	Probability and Statistics -MCA	Theory	3	1	0	0	4	-				
3	Mathematics	2	XXMAPC02	Statistical Methods for Engineers -CE	Theory	2	0	0	0	2		Probability and Statistics			
		3	XXMAPC03	Applied Mathematics for embedded Systems -EEE	Theory	4	0	0	0	4	-				
		4	XXMAPC04	Mathematics for Data Science -IT	Theory	4	0	0	0	4	-				
		PhD C	ourse work												
		S.No	Course code	Course Title		HILL	E DU	L		T	P	J	C		
		1	P18PHT0001	Research Methodol	ogy			3		0	0	0	3		
4	Physics	2	P18PHT0002	Instrumentation and characterization tec		Ž		3		0	0	0	3		
7	Thysics	3	P18PHT0003	Synthesis of Nanon	naterials			3		0	0	0	3		
		4	P18PHT0004	Advanced Material	s Science			3		0	0	0	3		
		5	P18PHT0005	Smart Materials				3		0	0	0	11 I		
		6	P18PHT0006	Crystal Growth and				3		0	0	0	3		
		7	P18PHT0007	LASER and Optica	l NDT Tec	hniqu	ies	3		0	0	0	3		

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Minutes of 25th Academic Council Meeting, 8th May 2023

		Course	ch., Defence Technology(Seme					1_
	S.No	Category	Course Title	L	T	P	J	C
	1	Professional Core	Systems and Warfare Platforms	3	0	0	0	3
	2	Professional Core	Warfare Simulations & Strategies	3	0	0	0	3
	3	Professional Core	Advanced Engineering Mathematics	3	0	0	0	3
	4	Professional Core	Systems and Warfare Platforms Laboratory	3	0	0	0	3
	5	Professional Core	Warfare Simulations & Strategies Laboratory	3	0	0	0	3
	6	Professional Elective	Elective 1	3	0	0	0	3
	7	Professional Elective	Elective 2	3	0	0	0	3
					To	tal Cr	edits	21
eronautical	Track Courses							
	1	Edge Course	Edge Course I	1	1	0	0	2
gineering	2	Induction Program	Mandatory	1	0	0	0	1
	3	Internship Track	Internship (Optional)					
- 3	4	Personality Dev. Courses	Optional	1	0	0	0	1
	5	SDG Course	Mandatory (Credit Transfer)	1	0	0	0	1
			List of Electives					
			Elective 1					
	1	Rockets & Missile	es Fundamentals	3	0	0	0	3
	2	Advanced Therma	al Engineering	3	0	0	0	3
	3	Numerical Metho	ds for Science & Engineering	3	0	0	0	3
	4	Communication T	Technology	3	0	0	0	. 3
	5	Advanced Mecha	nical Engineering	3	0	0	0	3
	6	Internet of Militar		3	0	0	0	3
			Elective 2			_		
	1	Autonomy and Na	avigation Technology	3	0	0	0	3
	2		ory & Applications	3	0	0	0	3
	3		ics System Engineering	3	0	0	0	3
	4	System Engineeri		3	0	0	0	3
	5	Research Method		3	0	0	0	3

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Minutes of 25th Academic Council Meeting, 8th May 2023

	#		M.7	Tech., Biotechnology(semeste	r I)			FIRE	
49.5	13002	S.No	Course Category	Course Title	L	T	P	J	C
		1	Engineering Science	Bioanalytical Techniques	2	0	0	0	2
		2	Emerging Topics in Tech/ Engg	Bioenergy	2	0	0	0	2
		3	Professional Core	Advanced Bioprocess Engineering	3	1	0	0	4
À	Biotechnology 4	4	Professional Core	Gene Expression and Analysis	3	0	2	0	4
		5	Professional Core	Animal and Plant Cell Culture	2	0	2	0	3
		6	Professional Core	Research Methodology	2	0	0	0	2
		7	Emp Enh. Course	Technical Seminar	1	0	0	0	1
		8	Professional Core	Industrial Biotechnology Lab I	0	0	2	0	1
						Т	otal c	redits	19

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BE-Civil Engineering - Semester II(non-circuit branches)

- 1) Basic Civil and mechanical Engineering
- 2) Building Electrification and Energy Audit
- 3) Waste Management
- 4) Green Buildings

M.E. STRUCTURAL ENGINEERING

Course Code	Course Title	Course Mode	C
23\$\$MA01	Statistical Methods	Theory	2
23EEIC01	Energy Engineering and Management	Theory	2
23SEPC01	Advanced Concrete Technology	Embedded	4
23SEPC02	Design of Advanced Concrete Structures	Theory	3
23SEPC03	Design of Advanced Steel Structures	Theory	3
23\$\$PC01	Research Methodology	Theory	3
23SETS01	Technical Seminar	Laboratory	1
23SEPC04	Structural Design Lab	Laboratory	1

M.E. ENVIRIONMENTAL ENGINEERING

Civil Engineering

Course Code	Course Title	Course Mode	C
23IN\$\$01	Research Methodology	Theory	2
23MA\$\$01	Statistical Methods	Theory	2
23EEIC01	Energy Engineering and Management	Theory	2
23EEPC01	Environmental Chemistry & Microbiology	Embedded	4
23EEPC02	Advance Water & Wastewater Treatment	Theory	3
23EEPC03	Advanced Waste Management	Theory	3
23EEPC04	Applied Environmental Processing Laboratory	Laboratory	1
23EETS01	Technical Seminar	Laboratory	1

M.E. CONSTRUCTION MANAGEMENT

Course Code	Course Title	Course Mode	C
23IN\$\$01	Research Methodology	Theory	2
23MA\$\$01	Statistical Methods	Theory	2
23EEIC01	Energy Engineering and Management	Theory	2
23CMPC01	Construction Economics and Finance	Theory	4
23CMPC02	Project Management and Control	Embedded	4
23CMPC03	Construction Equipment and Management	Theory	3
23CMPC04	Construction Management Studio	Laboratory	1
23CMTS01	Technical Seminar	Laboratory	1

SEMESTER I & II

Semester I

The following course is proposed for Non-Circuit branches (AE, AUE, BT, CE, CSE, IT, AI&DS, ME, MCE, FT, TXT).

Introduction to Electrical, Electronics and Instrumentation Engineering

Semester II

The following courses are proposed for Non-circuit branches in Semester II:

- Electrical appliances and Domestic wiring
- Introduction to Electrical Machines and Drives
- Introduction to Electric Vehicle Technology
- Fundamentals of Renewable Energy Systems
- Introduction to Embedded Systems and IoT
- Basics of Signal Processing
- Fundamentals of Communication Systems
- Introduction to transducer engineering
- Introduction to industrial measurement systems

Electrical and Electronics Engineering

PG-M.E., EMBEDDED SYSTEMS TECHNOLOGIES APPROVAL OF NEW COURSES TO BE OFFERED IN SEMESTER I

	Semester - I	
Category & Type of Course	Course Title	Credit
Engineering Science	Applied Mathematics for Embedded Systems	3
Emerging Topics in Tech / Engg.	Artificial Intelligence	2
Professional Core	Advanced Digital Design and Reconfigurable Computing	3
Professional Core	Embedded Controllers and Applications	4
Professional Core	Embedded System Software	3
Professional Core (Common Course to All PG Programs)	Research Methodology and Statistics	2
Emp. Enh. Course	Technical Seminar	1
Professional Core	Embedded System Laboratory - I	1
	Total Credits	19

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Changes in UG curriculum and Syllabus

S.No	Feedback	Action Takes
1.	In U18ECI5202-Computer Architecture and Microprocessors course, Microprocessor content can start from 8086 or Advanced Processors.	U18ECI5206- Embedded Processor Architecture course is introduced as a replacement and presented in the BoS meeting
2.	The content of U18ECI6202 - Microcontroller course can be updated.	U18ECI6204 – Microcontroller and its Applications course is introduced as a replacement and presented in the BoS meeting

Introduction of New PG Programme : M.E. – VLSI DESIGN (AICTE Nnumber: 637) Programme Educational Objectives

S. No	Programme Educational Objectives
PEO 1	The graduate will be a successful Professional in analog and digital VLSI design, as well as allied fields of VLSI technology.
PEO 2	The graduate will adapt to the changing technical advancements in academia, research, business, and real-world settings with social responsibility.

Electronics and Communicatio n Engineering M.E- VLSI Design- (AICTE- S.No. 637): The curriculum and syllabus were presented in the BoS meeting and has been approved by the BoS members. The same has been presented to the ACM members for approval.

M.E. - VLSI DESIGN - Programme Outcomes

S. No	Programme Outcomes	Attributes	
PO 1	Acquire technical competence, comprehensive knowledge and understanding the methodologies and technologies associated Digital and Analog VLSI circuit Design. Apply knowledge to identify, formulate and analyse complex engineering problems.	Scholarship of Knowledge	
PO 2	Having an ability to apply knowledge of science, mathematics, engineering & technology for solving problems in VLSI domain.	Critical Thinking	
PO 3	Having an ability to design a component, subsystem or a system applying all the relevant standards with realistic constraints.	Research Skill	
PO 4	Acquire the skills for uses of contemporary techniques, resources and modern engineering tools for the design of VLSI systems.	Usages of Modern Techniques	
PO 5	An ability to identify, investigate, understand and analyse complex problems, apply creativity, carry out research /investigation and development work to solve practical problems related to VLSI Technology.	Design, Development & Solutions	
PO 6	Ability to communicate effectively as an individual or in team, in both oral and written contexts in the form of technical papers, project reports, design documents and seminar presentations.	Communication, Individual & Teamwork	

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M.E. - VLSI DESIGN Semester - I

Course		No. of Hrs/week						
Code	Course Name	Lecture	Tutorial	Practical	Credits			
P18VL	Digital CMOS VLSI Design	3	-	2	4			
P18VL	High Level Digital Design	3	-	2	4			
P18VL	Scripting for VLSI	3	-	-	3			
P18VL	Verification	3		2	- 4			
P18VL	Professional Elective I	3	-	-	3			
P18	Research Methodology and IPR	3	-		3			
Total		18	-	6	21			

M.E. - VLSI DESIGN Semester - II

Course	Commo Name	No. of Hrs./week					
Code	Course Name	Lecture	Tutorial	Practical	Credit		
P18VL	Analog Integrated VLSI Design	3	-	2	4		
P18VL	VLSI Signal Processing	3	-	2	4		
P18VL	Low Power VLSI Design	3	-	-	3		
P18VL	System-on-Chip	3	-	2	4		
P18VL	Professional Elective II	3	-	-	3		
P18	Professional Skill Development	•	-	-	1		
	TOTAL	15	-	6	19		

M.E. - VLSI DESIGN Semester - III & IV

Course	Course Name	No. of Hrs./week					
Code	Course Name	Lecture	Tutorial	Practical	Project	Credit	
P18VL	Project Work (I & II)	-	-	-	24	24	
	TOTAL	-	-		24	24	

Introduction of New PG Programme M.E. - VLSI DESIGN Professional Electives

Course	Course Name	No. of Hrs./week					
Code	Course Name	Lecture	Tutorial	Practical	Credit		
P18VLE	Data Structures	3	-	-	3		
P18VLE	Machine learning for VLSI	3	-	-	3		
P18VLE	CAD for VLSI	3	2	-	3		
P18VLE	Physical Design	3		-	3		
P18VLE	VLSI for Wireless Communications	3	-	-	3		
P18VLE	Universal Verification Methodology	3	-	-	3		
P18VLE	Nanoelectronics	3	-	-	3		

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	-	M.Tech	Apparel	Technology	The state of the s		
10		Semester - I					
		Categ	ory & Ty	pe of Course	Course Title		Credi
		Engineering Science		ence	Apparel Costing and Pricing		2
		Emerging Topics in Tech / Engg.		s in Tech /	Advances in Finishing of Apparels		2
	Fashion				Automation in Apparel Manufacturing		4
16	echnology		sional Cor		Forecasting and Product Development		4
			sional Cor	5.	Advance Pattern Making and	Styling	3
		Course	to All)	re (Common	Research Methodology		2
			enh. Cours		Term paper with Technical se		1
			sional Cor	re	Virtual Prototyping for Produc	ct Development	1
_		Total C	NAME OF TAXABLE PARTY.		amil courses in R18 Curriculus		19
	✓ Introduced Minor Specialization on IEV offered by MBA Introduction of New courses						
				Course Title		Course Mode	
			1	Engineering (Graphics	Theory	3
			2	Engineering l	Practices Laboratory	Practical	1
			3	Engineering l	Mechanics	Theory	2
1			4	Engineering '	Thermodynamics	Theory	2
			5	Basics of Me	chanical Engineering	Theory	2
			6	Manufacturin	g Technology	Theory	2
			7	Industrial Eng	gineering	Theory	2
			8 Flexible Manufacturing Sys		ufacturing System	Theory	2
	Mechanical		9	Smart Manuf	acturing	Theory	2
3.4		10 Industrial		19 Demic constant a			
575.1 (8)			10	Industrial Saf	ety and Fire Engineering	Theory	2
575.1 (29)	ngineering		10	Industrial Saf Automobile I		Theory	2
475.1 (27		ME-Ind	11		Engineering		

	THE RESERVE OF THE PARTY AND PARTY AND PARTY AND PARTY.	Credits
Research Methodology and Statistics	Theory	3
Inventory and Materials Management	Theory	3
Industrial Automation	Theory	3
Product Design and Development	Theory	3
System Modeling and Simulation	Theory	3
Work Design and Ergonomics	Theory	3
Work Design Laboratory	Laboratory	1
Audit Course 1	Theory	0
	nventory and Materials Management Industrial Automation Product Design and Development System Modeling and Simulation Work Design and Ergonomics Work Design Laboratory	nventory and Materials Management Industrial Automation Product Design and Development System Modeling and Simulation Work Design and Ergonomics Theory Work Design Laboratory Laboratory

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7.	Master of	Existing Bridge Course Syllabus had 7 Theory Courses and 3 Lab Courses.	50.9
S. Intel	Computer	New Bridge Course Syllabus has been revised with 2 Theory Courses and	
	Applications	2 Lab Courses which covers all basic concepts.	

Suggestion given by Dr. S. Shenbaga Devi:

✓ The course "Statistical Methods" (Offered to ME- Construction management, ME- Structural Engineering and ME- Environmental Engineering) credit to be changed to 3 credits instead of 2 credits. Accordingly, the content of the syllabus needs to be modified.

Suggestions given by Dr. Nafeesa Begam:

- ✓ The "Research Methodology" course offered in PG (ME/M.Tech) should be a common course. "Research Methodology and Statistics" should not be clubbed and offered as one course.
- ✓ The course name "Verification" offered in Ist semester of the proposed new programme -ME- VLSI DESIGN is to be changed as "Verification of VLSI Design and Circuits".

Suggestion given by Ms. Sudha Rengarajan:

Manufacturing concepts to be included in the syllabus of the proposed new programme -ME- VLSI Design. After detailed deliberations, the committee approved the above proposal.

05. Vote of Thanks

Dr. J. Vijay Prakash, Deputy Controller of Examinations proposed a vote of thanks.

ppi	roved by		Signature 4
1	Dr. D. Saravanan	Chairman - Academic Council	55/85/200
		Nominee of Anna University	
2	Dr. S. Shenbaga Devi	Former Professor, Department of Electronics and Communication Engineering, Anna University, Chennai – 600 025	Thenhapa ?
3	Dr. J. Nafeesa Begum	Professor & Head, Department of Computer Science & Engineering, Government College of Engineering, Bargur – 635 104	(Signed Below)
4	Dr.D.Prabhakaran	Professor, Department of Chemical Engineering Coimbatore Institute of Technology, Coimbatore-641014	Audebert.

The meeting came to an end at 1.00 pm.

Chairman, Academic Council /Principal

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Experts nominated by the Governing Body:

Sl.No.	Name of the Member	Organization	Signature
5	Mr.Niranjan.P	Chief Executive Officer, Solids & Models Engineering Pvt Ltd 3rd Floor, Senthil Towers, 1078, Avinashi Rd,Coimbatore - 641 018	8. Dinigs
6	Mr.R.Ramesh	Executive Director, Janatics India Pvt Limited,E-25, SIDCO Industrial Estate, Kurichi, Coimbatore- 641 021	Ghl
7	Ms.Sudha Rengarajan	Enterprise Architect, Intel Technology India Pvt Ltd, #23-56P, Outer Ring Road, Bangalore – 560 103	Day.

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Internal Members and Board Chairman / Chairpersons:

Sl.No.	Name of the Member	Designation & Department	Signature
8	Dr.R.Karthikeyan	Controller of Examinations	-b-z
9	Dr. S. Sundaresan	Associate Professor in TT and Head Autonomous	100
10	Dr. J. Vijay Prakash	Deputy CoE, Convener, AC Meeting	
11	Dr. Vinohar Stephen Rapheal	Associate Professor in BT and Head – Academic Innovations	121
12	Dr.B.Senthilkumar	Coordinator-Autonomous	AF)
13	Dr. V. Selvan	Chairman – Board of Civil Engineering	lle
14	Dr. C. Velmurugan	Chairman - Board of Mechanical Engineering	C.valmary
15	Dr. M. Saravana Mohan	Chairman - Board of Mechatronics Engineering	
16	Dr. J. D. Andrew Pon Abraham	Chairman -Board of Automobile Engineering	the .
17	Dr. M. Senthilkumar	Chairman - Board of Aeronautical Engineering	مناصد
18	Dr. V. Dinesh Kumar	Chairman - Board of Electronics & Instrumentation Engineering	
19	Dr. K. Malarvizhi	Chairperson – Board of Electrical & Electronics Engineering	Crare
20	Dr. M. Bharathi	Chairperson -Board of Electronics & Communication Engineering	H.Bhrethi.
21	Dr. P. Devaki	Chairperson – Board of Computer Science and Engineering	S. Sherali.
22	Dr. V. Ramesh Babu	Chairman - Board of Textile Technology	
23	Dr. M. Alamelu	Chairperson - Board of Information Technology	
24	Dr. R. Baskar	Chairman – Board of Biotechnology	RSas
25	Dr. R. Priyadarshini	Chairperson – Board of Fashion Technology	R.K.J.
26	Dr. M. Ezhilarasi	Associate Dean, School of Foundational Sciences	gge-pre.
27	Dr. H. Arul	Chairman - Board of Physics	ALEXE IN
28	Dr. K. R. Aranganayagam	Chairman - Board of Chemistry	Cers
29	Dr. K. Maheswari	Chairperson - Board of Mathematics	na-in-
30	Dr. B. Arokia Lawrence Vijay	Chairman - Board of English	なららよ
31	Dr.V.Vijilesh	Chairman – Board of Compu Applications	0 - July 1
32	Prof. U. Thiruvaazhi	HoD - Information Science a Engineering	U

Members not present:

Sl.No.	Name of the Member	Organization	Role
1 .	Prof. C. Muthamizhchelvan	Director, Faculty of Engineering and Technology, SRM University, SRM Nagar, Kattankulathur – 603 203	Experts Nominated by Governing Body
2	Mr. Hariharan Ganesan KCT Alumni	Head of R2 Data Labs, Rolls-Royce India Pvt.Ltd., L3 Manyata Tech Park, Nagavara, Bangalore 560045	Experts Nominated by Governing Body
3	Dr. Mary Cherian	Internal Member	Chairperson –Board of Management Studies

Chairman, Academic Council / Principal

To: All the members

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Kumaraguru College of Technology

Regulations 2023

Kumaraguru College of Technology Regulations 2023 B.E./B.Tech./M.E./M.Tech Programmes

Preamble

Kumaraguru College of Technology (KCT) is committed to nurture knowledge, skills, attitude and values of the aspiring young minds to become global citizens. KCT introduced Choice Based Credit System (CBCS) in the year 2014 and Outcome Based Education (OBE) in 2015, which emphasize on student-centric teaching-learning systems. KCT embarked on an ambitious, 'Project Barryan' to relook the existing systems of teaching-learning, benchmark with certain institutions and develop a new academic regulation for academic programmes with high level of academic flexibility, deeper specialisation in the fields chosen by the students through novel engaging methods. Members of Project Barryan took a considered view of the inputs from various stakeholders, knowledge gathered by visiting different institutions, interactions with academic heads, faculty members, students, parents and alumni, and prepared the Regulation 2023, which aims to provide a progressive educational foundation to the learners. Semester system, followed in the academic programmes, accelerates teaching-learning process and enables vertical and horizontal mobility in learning with P-D-C-A approach. Sustainability topics and measures have been initiated / implemented wherever possible to reduce the carbon emission / footprint. Compliances relevant to AICTE, UGC and Anna University have been ensured while framing this Regulations 2023.

Objectives

Regulation 2023 aims to provide a holistic, multi-domain / multi-disciplinary educational experience to every learner of Kumaraguru through a suitable blend of knowledge, skills and attitude, according to its value system, "Character is Life". Through Regulation 2023, Kumaraguru will be able to provide high level of flexibility in the academic and curricular activities (co-creation of contents, teaching-learning, assessment and evaluation, support systems to reach the last-person), innovative methods of engaging the learners for inclusive growth, through wide range of course offerings under CBCS along with various Tracks-Courses to specialize in a selected domain of engineering and technology.

1. Scope

Regulation 2023 and its components are applicable to the students admitted into various U.G. / P.G. programmes in Engineering and Technology, offered by the Institution from the Academic Year (AY) 2023-24 and onwards. Students, (i) admitted under the earlier Regulations, discontinued their study for various reasons, re-admitted in the AY 2023-24 and further, and (ii) students transferred from different institutions to Kumaraguru in the AY 2023-24 and further, will undergo this Regulation 2023.

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Regulations 2023

Kumaraguru College of Technology

2.0. Programmes Offered and Total Minimum Credits

Kumaraguru College of Technology offers UG and PG programmes in Engineering, Technology, Computer Applications and Business Administration, approved by the All India Council for Technical Education and affiliated to Anna University Chennai, as mentioned below:

B.E. Degree Programmes

- Aeronautical Engineering
- ii. Automobile Engineering
- iii. Civil Engineering
- iv. Computer Science and Engineering
- tions 2023 Dra Electronics and Communication Engineering
- vi. Electrical and Electronics Engineering
- vii. Electronics and Instrumentation Engineering
- viii. Mechanical Engineering
 - ix. Mechatronics Engineering

B.Tech. Degree Programmes

- i. Artificial Intelligence and Data Science
- ii. Biotechnology
- iii. Fashion Technology
- iv. Information Technology
- Textile Technology

M.E. Degree Programmes

- Communication Systems
- Computer Science and Engineering
- iii. Construction Management
- iv. Embedded Systems Technologies
- v. Environmental Engineering
- vi. Industrial Engineering
- vii. Structural Engineering

M.Tech. Degree Programmes

- Apparel Technology
- Biotechnology
- iii. Data Science
- iv. Defence Technology
- Masters in Technology Management

M.B.A. Programmes

- vi. Master of Business Administration
- vii. MBA Project Management
- viii. MBA Innovation, Entrepreneurship and Venture Development

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Regulations 2023

M.C.A. - Master of Computer Applications

Total number of credits that a student shall earn during the period of study and qualify for the award of Degree for which he / she has enrolled, is called Total Minimum Credits (TMC). For the successful completion of the B.E. / B.Tech. Programme, a regular student (admitted after 10+2) shall earn minimum of 160 credits, while a lateral-entry student shall earn minimum of 120 credits, as prescribed in the respective curriculum. In the case of M.E. / M.Tech. Programmes, the minimum credits required to earn the Degree shall be 80 credits. However, depending upon the requirements additional credits / courses may also be recommended by respective Boards of Study, in both UG and PG programmes.

In addition to the Total Minimum Credits, a student may register additional course(s), earn credits overand-above the Total Minimum Credits to become eligible for Honors / Specialisation / Internship / Track Courses, as provided in the Section 6.0 of this Regulation.

3.0. Academic and Curricular Compliances

Process of admitting students to a programme ensures a transparent, well - administered mechanism, complying the requirements and norms of regulatory agencies, ensuring equity and access with representation of students from different geographical areas and socio - economic, cultural and educational backgrounds.

- Academic Audit
- 2. Academic and Examination Calendar
- 3. Academic Consultative Committee (ACC)
- 4. Academic Facilities and Utilization
- Admission to Academic Programmes
- 6. Arrear Examination (Registration, CAM, SEE)
- 7. Admission of Transferred / Detained Candidates (Credit Equivalence)
- Attainment of Course and Programme Outcomes
- 9. Attendance Requirements
- 10. Award of Credits and Grades
- 11. Choice Based Credit System (CBCS)
- 12. Classification of Degree UG and PG
- 13. Course Registration and Credit Requirements
- 14. Course and Class Committee
- Curriculum Structure (Components and Composition)
- Department of Academics (DoA)
- 17. Disciplinary Issues

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- 18. Eligibility for Award of Degree
- 19. Grievance Redressal
- 20. Guidance and Mentoring
- 21. Induction Programme (Bootcamp / Ignite / Swagatham)
- 22. Issuing Duplicate Grade Sheet(s) / Transfer Certificate
- 23. Mapping of Course Outcomes with Programme Outcomes
- 24. Medium of Study
- 25. Office of Controller of Examinations
- 26. Parents' Meeting and Feedback
- 27. Personality Development Programmes (Extra & Co-curricular Activities)
- 28. Programme Duration (Regular, Lateral and Transferred)
- 29. Programme Educational Objectives
- 30. Programme Specific Outcomes
- 31. Revision of Curriculum and Regulation
- 32. Special Provisions
- 3.1. Academic Audit serves to provide assurance that the delegated responsibilities for quality and standards of academic provision are being appropriately discharged. Academic Audits are conducted twice in a year with internal and external teams (Annexure 1), adopting P-D-C-A approach and the outcomes (compliance / deviations) are discussed in the IQAC meeting.
- 3.2 Academic and Examination Calendar are prepared annually with all academic activities course registration, assessment and evaluation schedules, important institutional events, holidays and certain administrative events. Academic and Examination Calendars of UG and PG Programmes are released (softcopy through website) at least two weeks before the beginning of academic year by Do A and Office of the Controller of Examinations, respectively. Separate academic and examination calendars are published for UG and PG programmes.
- 3.3. Academic Consultative Committee shall include Head of the Institution, Representative from DoA (as Coordinator), Controller of Examinations, Head of the Department concerned and Representative from OSA Admission (in the case of Break-of-study or Extended Track). Committee will meet at least twice in a semester to monitor and govern various activities (Annexure I). The Coordinator shall maintain the minutes of Meeting / Discussion and produce the same for any audit / references.
 - a) Analyse the feedback collected from students on Course Delivery
 - Collect, analyse and recommend actions, wherever required, on Course Committee / Class Committee suggestions
 - Analyse the results of Continuous Assessment Tests and present the same to IQAC.

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- d) Approval of the applications submitted by students for "Break-of-study".
- e) Approval of the applications submitted by students for "Extended Track of Study".
- 3.4 Academic Facilities are ensured by respective Heads of the Departments, required for delivery of the courses prescribed in the curriculum that may include classroom, laboratory equipment (in working condition), relevant books and journals. All the facilities shall be kept open during and after the regular hours for both students and faculty members for reinforcement / additional learning.
- 3.5. Admission to Academic Programmes The norms for admission, eligibility criteria such as marks, physical fitness and mode of admission will be as prescribed by the Directorate of Technical Education (DoTE) Chennai and All India Council for Technical Education (AICTE), New Delhi, from time to time.
- (i) UG Programme Regular Stream

At present, a candidate seeking admission to the first semester of eight semester UG Degree Programme:

- (a) Should have successfully passed the Higher Secondary Examination (10+2) under the academic stream prescribed by the Government of Tamil Nadu (or equivalent systems accepted by the DoTE) with Mathematics, Physics and Chemistry as three of four subjects of study under Part III or with the combinations of subjects, recommended by DoTE.
- (b) Should have successfully passed the Higher Secondary Examination (10+2) of vocational stream as prescribed by the DoTE, Chennal

(OR)

UG Programme - Lateral Entry Admission

(a) Candidates who possess Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for the Lateral Entry admission to the Third Semester of UG Degree Programmes, choosing any one of the specialization as specified by DoTE, Chennai.

(OR)

(b) Candidates who possess the Bachelor's Degree in Science (B.Sc.) under the 10+2+3 stream with Mathematics as a subject at B.Sc. level are eligible to apply for Lateral Entry admission to third semester of UG Degree Programme, choosing any one of the relevant specializations as specified by DoTE, Chennai.

Candidates admitted under the Lateral Entry scheme may be recommended to register and complete additional courses (Bridge Courses), in the third and fourth semesters as prescribed by the respective Boards of Studies of the Institution based on the learning gaps.

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(ii) PG Programmes

For PG Programmes in M.E. / M.Tech., candidates who have (i) passed all the subjects in a Bachelor's degree or equivalent, recognised by the DoTE, in the relevant field of the (ii) qualifying degree examination as per AICTE and DoTE norms with (iii) valid GATE Score / TANCET Score / Test Score, conducted by the Consortium of Self-Financing Professional, Arts and Science Colleges of Tamil Nadu / Other Competent Authorities and (iv) provisional admission from DoTE or Competent Authorities are eligible for admission. No Lateral Entry admission is possible in the case of PG Programmes in Engineering and Technology.

The following categories of the candidates are not eligible for admission into M.E. / M.Tech. Programmes - (i) Candidates admitted through Lateral Entry to the degree programmes except B.E. / B.Tech, (ii) Candidates with B.E. / B.Tech degrees obtained through Distance Mode/Week End programmes. (iii) Candidates with degree obtained without studying 10 and 12th Standard or 3 years Diploma and 3 or 4 year Degree programmes.

For the candidates who are allotted *Provisional Admission* through Tamil Nadu Engineering Admission (TNEA) or Tamil Nadu Common Entrance Test for PG (TANCET) or Consortium of Self-Financing Professional, Arts and Science Colleges of Tamil Nadu or other Authorized Bodies, the Qualification and Schemes / Streams / Specialisations are confirmed and approved by the Directorate of Technical Education, Tamil Nadu, after the verification and validation of the relevant certificates. Admission of any candidates, if not approved, the candidate shall apply for the withdrawal from the Programme, even if he or she started attending classes / appearing for assessments or semester end examinations.

3.6 Admission of Transferred / Readmitted Candidates (Credit Equivalence) - Candidates (i) transferred from other colleges and (ii) re-admitted candidates (KCT Students) due to break-of-study, detainment, both UG and PG, shall bring the valid admission notification from the Director, DoTE and shall present the same along with credits earned in previously in other institution(s) or Regulations (in the case of KCT Students). Based on that, Head of the Institution shall form a Committee (Annexure I) to consider the credits earned already and consider for credit transfer or credit equivalence. The Committee may recommend additional courses to meet the Programme Outcomes / Programme Specific Outcomes, which the candidate shall complete in the specified duration (Section 3.18 and 5.1).

3.7 Attainment of Course and Programme Outcomes of Core Courses (electives are not included) and Programme (PO and PSO) are calculated once delivery of the course(s), relevant continuous assessments and semester end examinations are completed. Any gap, in the attainment, will be addressed in terms of (i) additional contents or topics or experiments in the syllabus, (ii) modifying the

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mode(s) of course delivery, (iii) assessment and evaluation and (iv) learning support extended to the students.

- 3.8 Attendance Requirements A student who fulfils the following conditions shall be deemed to have satisfied the attendance requirements for appearing in the Continuous Assessments and Semester End Examination of a particular course.
 - i. Every student is expected to attend all the periods and earn 100% attendance. However, a student shall secure not less than 75% attendance, course-wise taking into account the number of hours (L-T-P) required for that course as specified in the curriculum, for appearing in both Continuous Assessment Tests and Semester End Examinations.
 - ii. In case of courses where different "Assessment Options (Section 5.3)", course-handling faculty member shall maintain the attendance status of every student and ensure attendance requirements.
- 25% of absence may include medical / personal / participating in the intra or inter-institutional events / other reasons.
- iv. Students, who represents the Institution or Nation in the International Events / Competitions may submit the relevant certificates / letter and seek exemption from minimum attendance requirements, which may be (case-by-case) considered and approved by the Examination and Evaluation Committee.
- Attendance shall be calculated for a registered course only and not separately for theory and lab components in the case of layer-learning / embedded courses.
- vi. If a student fails in a course and secures the grade, SA or AB or U, he / she shall not be permitted to register subsequent course(s) where the previous (failed) course is a pre-requisite one.
- vii. If a student is unable to appear in the Semester End Examination(s) due to lack of attendance, in the case of Professional / Open Electives (G/T), the student may re-register the same elective or may opt for different one(s). In such cases, he / she shall submit an application in advance to the Controller of Examinations, with approval of the Department Consultative Committee (Annexure I).
- viii. The days of suspension for a student on disciplinary grounds will be considered as days of absence for calculating the percentage of attendance for each individual course.
- 3.9 Award of Credits and Grades, for every successfully completed course, shall be in accordance with the process and procedure explained in the Section 7.0 (Assessment and Evaluation). Each course, offered under different categories, is normally assigned a certain number of credits based on the following scheme:

Table 3.1 Credit Allocation - UG/PG Programme

Hours Spent by the St	tudent Credit	
Theory Course - 1 Contact Hour per Weel	k 1	
Tutorial Period - 1 Contact Hour per Wee	ek 1	
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Laboratory / Independent Study - 2 Contact Hours per Week	
Seminar / Mini-Project / Technical Seminar / Comprehension / Field Study / Capstone Project - 2 Contact Hours per Week	1
Competitions / Hackathons - 16 hours of work	
Internship - One Week (40 to 45 hours) Duration (Working hours as per Lab / Industry)	1

Any other Types of Courses delivered shall be awarded the credits based on the composition of Theory and Practical components of that course.

3.10 Choice Based Credit System provides choice for students to select from the prescribed courses (core, elective or minor or other courses) offered under the programme of study. KCT leverages CBCS to offer wider flexibilities (academic and curriculum), curriculum enrichment courses, introduce newer learning support systems and tailored assessments and evaluations according to the nature of the courses taught. The choice based credit system provides a 'cafeteria' type approach in which the students can take courses of their choice (electives), learn at their own pace (add/drop courses), learn additional courses and acquire more than the Total Minimum Credits, and adopt interdisciplinary approach in learning. All the Academic Programmes offered by the Institution are delivered through CBCS mode.

3.11 Classification of Degree (UG and PG) awarded to the eligible students, shall essentially follow the criteria laid down by the University. Currently followed criteria and classification are given below.

Table 3.2 (a) Classification of Degree - UG Programme

Sl. No.	No. Class Criteria		
1	First Class wit Distinction	A student who satisfies the following conditions shall be declared to have passed the examinations in First Class with Distinction: a) Should have passed the examination in all the courses of eight semesters (six semesters in the case of Lateral Entry) in the student's First Appearance itself within five years (4 years in the case of Lateral Entry). b) Should have secured a CGPA of not less than 8.50 c) Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester. d) Withdrawal from examination (vide Section 5.11) will not be considered as an appearance. e) One-year authorized break of study (if availed of) is included in the five years (four years in the case of lateral entry) for award of First class with Distinction.	

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Sl. No.	Class	Criteria
2	First Class	A student who satisfies the following conditions shall be declared to have passed the examination in First Class: a) Should have passed the examination in all the courses of all eight semesters (6 semesters in the case of Lateral Entry) within 6 years (5 years in the case of Lateral Entry). b) One-year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of 6 years (5 years in the case of lateral entry) for award of First class c) Should have secured a CGPA of not less than 7.00
3	Second Class	All other students (not covered in S.No.1 & 2 under Clause 20) who qualify for the award of the degree (Section 3.17) shall be declared to have passed the examination in Second Class.

Table 3.2 (b) Classification of Degree - PG Programme

SI. No.	lo. Class Criteria	
1	First Class with Distinction	A student who satisfies the following conditions shall be declared to have passed the examinations in First Class with Distinction: a) Should have passed the examination in all the courses of four semesters in the student's First Appearance itself within three years. b) Should have secured a CGPA of not less than 8.50 c) Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester. d) One-year authorized break of study (if availed of) is included in the three years for award of First class with Distinction.
2	First Class	A student who satisfies the following conditions shall be declared to have passed the examination in First Class: a) Should have passed the examination in all the courses of all four semesters within three years b) One-year authorized break of study (if availed of) is included in the three years for award of First class. c) Should have secured a CGPA of not less than 7.00
3[Second Class	All other students (not covered in S.No.1 & 2) who qualify for the award of the degree (Section 3.17) shall be declared to have passed the examination in Second Class.

Students, who meet the above requirements shall become eligible for the Degree issued by the Affiliating University, further subjected to the recommendations of the concerned body of the University. Individual Grade Sheets for every semester and consolidated Grade Sheet with the respective minor specialization (at the end of the programme) and Track Courses shall be issued by the Institute, while Provisional Certificate and Degree shall be issued by the University.

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In addition, the student(s) who also registered for a Degree under Double Degree option, shall comply the requirements of that University and follow the criteria and classification, as followed in that University. Kumaraguru College of Technology or Affiliating University shall not have any norms / requirements with respect to the second Degree (of the Double Degree).

3.12 Course Registration and Credit Requirements

Every student, on admission, shall be assigned to a Mentor who shall advice and mentor about details of the academic programme and choice of courses, considering student's academic background and career objectives. Courses prescribed in the curriculum require students to register through a Course Registration Process through Enterprise Resource Planning (ERP) software, during the specified time-window. Schedule of registration of the courses will be intimated to the students through a common circular and / or through the Academic Calendar. Course Registration is the sole responsibility of the learners including the courses where limited seats are available. Course registration is mandatory for all the courses, including Summer / Winter Track Courses, in order to appear in the Assessments, Evaluation and earning relevant credits.

Number of credits that students are expected to register for, in a semester, will be about 20 credits, so that they complete the programme within the specified duration of the programme (Section 3.28), as prescribed in the curriculum. However, a student can register for a maximum of 30 credits, including courses under fast-track option. Minimum credits a student can register for, in a regular semester shall be 14 (including course dropped up to 6 credits – CBCS). However, this upper limit is not applicable for the courses registered under Track Courses (Section 4.21).

3.13 Course and Class Committees

(i) Course Committee - Any common course (theory / lab) offered to more than one section (or division) / programme of study (branch) shall have a Course Committee comprising (i) all the faculty members teaching the course with (ii) one of them nominated (by DoA) as the Course Coordinator and (iii) one student representative from each section / branch. Course Committee will ensure preparation of the common question paper and uniformity in assessments and evaluation (CAT and SEE), across the sections / branches (Annexure 1). Question paper for the semester end examination shall be common and set by the Course Coordinator / external faculty member appointed by the CoE. One faculty / same faculty member shall not be appointed as the Course Coordinator for two consecutive years. Course Committee should meet at least 3 times in a semester, as given below and the minutes shall be submitted to Academic Consultative Committee (ACC). During these meetings, student members shall interact and express the opinions and suggestions of all the students to improve teaching-learning process. Minutes of the Meeting shall be published in the concerned Department Notice Boards within

3 days of the meeting.

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Table 3.3 Course Committee Meeting

Meeting 1	One week after Subject-Faculty Allocation	Camagian
Meeting 2	Within One week from First Teaching Day of a	ie Seinester
Meeting 3	One week before CAT - 2	

(ii) Class Committee

Class Committee shall comprise of (i) all teachers handling the courses of a particular semester of a branch, (ii) four to six student representatives from the class / section concerned. One of the Senior Faculty Member, preferably not handling any subject to that class, nominated by the Head of the Department shall coordinate the proceedings of the Committee (Annexure 1). Class Committee Meeting (CCM) shall be conducted class-wise to assess the quality of the academic and non-academic activities (other than Hostel related issues). Class Committee meetings will be conducted as given below and the minutes shall be submitted to Academic Consultative Committee (ACC). During these meetings, the student members shall interact and express their opinions and suggestions of all the students to improve teaching-learning process. Minutes of the Meeting shall be published in the concerned Department Notice Boards within 3 days of the meeting

Table 3.4 Class Committee Meeting

	T. C
Meeting 1	Within One week from First Teaching Day of the Semester
Meeting 2	
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3.14 Curriculum Structure (Components and Composition)

Every programme shall have a distinct curriculum with syllabi consisting of courses broadly categorized under: Basic Sciences, Basic Engineering, Professional Core, Professional Electives, Employability Enhancement Courses, Open Electives, Mandatory Courses. Besides, a Department may offer One-credit Courses and Value Added Courses with the approval (or ratification) from the respective Boards of Studies and Academic Council. Credit distribution for various categories of the courses will follow the guidelines given below, subject to minor variations, as may be suggested by the respective Boards of Studies. Every Course shall have a unique Course Code, adhering to the guidelines specified in the Annexure 4.

Table 3.5 Curriculum Structure - UG Programmes

Category	Cr	edit Range (%)
	5 - 10	
Humanities and Social Sciences (HS)		10 -15
Basic Sciences (BS)		15 - 20
Basic Engineering Sciences (ES)	15 - 20	
Professional Core (PC)	30-35 10 55 - 60%	
Professional Electives (PE)		
Employability Enhancement Courses (EEC)	10	
Open Electives (OE)		2-3
Additional	Tracks	

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Category	Credit Range (%)		
Certificate Courses (Optional)	Based on the requirements		
Edge Courses (Mandatory)	Additional Credits		
Extra & Co-curricular Activities (Mandatory)	Additional Credits		
Family Business / Start-up / Entrepreneurship Track (Optional)	Additional Credits / Credit Equivalence (PE and OE)		
Honors Track (General / Stream Specific) (Optional)	Additional Credits as Required		
Human Value Courses (Mandatory)	Additional Credits		
Induction Programme / Audit / Mandatory Courses (as may be specified by University / UGC / AICTE) (Mandatory) No Credit / Additional C			
Immersion Track (Optional)	No Credits / Additional Credits // Credit Equivalence (PE / OE)		
Innovation Track (Mandatory)	Additional Credits		
Internship (Mandatory)	Additional Credits		
Minor / Micro / Nano Specialisation (Optional)	Additional Credits as Required		
One-credit Courses (Optional) As and when required			
Personality Development Courses (Mandatory)	No Credit / Credit Equivalence		
SDG Track (Mandatory)	Additional Credits		
Value Added Courses (Optional)	As and when required		

(ii) PG Programmes

Every PG programme shall have a distinct curriculum with syllabi consisting of courses broadly categorized under: Basic Sciences, Basic Engineering, Professional Core, Professional Electives, Employability Enhancement Courses, Open Electives, Mandatory Courses. Besides, a Department may offer Certificate Courses and One-credit Courses after the approval from the respective Boards of Studies and Academic Council. However, none of the courses, studied and completed successfully in the UG programmes, shall be offered in the PG curriculum. Credit distribution for various categories of the courses will follow the guidelines given below, subject to minor variations, as may be suggested by the respective Boards of Studies.

Table 3.6 Curriculum Structure - PG Programmes

Category	Credit (%)	
Basic Science	5	
Advance Level Courses in Core Engineering	g 5	
Employment Enhancement Courses	4	
Open Electives	6	
Professional Core and Elective	80	
Track Cours	ses	
Edge Courses (Mandatory)	Additional Credits	
Induction Programme (Mandatory) No Credit / Additional		
Immersion Track (Optional) Additional Credits		

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Category	Credit (%)	
	Equivalence (PE / OE)	
Innovation Track (Optional)	Optional (additional) Credits	
Internship (Optional)	Optional (additional) Credits	
Management Courses	Optional (additional) Credits	
Nano Specialisation (Optional)	Additional Credits as Required	
Personality Development Courses including Extra & Co-curricular Activities (Optional)	Optional (additional) Credits	
SDG Track (Mandatory)	Additional Credits	

3.15 Department of Academics (DoA) of the Institution is responsible for overall quality of academic transactions of the Institute and activities including (but not limited to) (i) preparation and dissemination of Academic Calendar, (ii) implementation of Curriculum and Regulation, (iii) monitoring course registration, cumulative credits earned by the students, (iv) offer Open Electives (Global), (v) monitor the course delivery and introducing new pedagogical methods like PBL and PrBL, (vi) reviewing the attainment of course and programme outcomes, (vii) conducting Academic Audit, (viii) formation of IQAC and monitoring activities related and (ix) any other activities assigned by the Head of the Institution.

3.16 Disciplinary Issues of the students are governed and dealt by the appropriate preventive and corrective measures (rules) laid down by the Institute and relevant Committees.

Every student is expected to maintain discipline and decorum both inside and outside the campus. They shall follow the rules and regulations of the Institute and University and shall not include in activity, which may tarnish the reputation of the University or Institution. The Principal will refer any act of indiscipline by students to the Discipline and Welfare Committee (Annexure 1) or other appropriate committees for action.

Students who appear for the continuous assessments / semester-end examinations shall be prohibited from entering the Examination Halls / Laboratories with any book or portion of book, manuscript, or any unauthorised written / printed / electronic content, nor shall communicate with or copy from each other. They are also prohibited to communicate with anyone outside the Examination venue. Possession of electronic gadgets, programmable calculator and mobile phones inside the examination hall is not permitted and might attract penalty as per the norms (available with CoE). Punishment may include penalty fee / debarring / cancelling the particular / all examinations registered for by the student in that semester or examination period (including arrears), and making ineligible for moderations, decided by the Examination Malpractice Prevention Committee (Annexure 1). Detailed disciplinary actions with respect to malpractice in the tests and examinations are maintained by the Office of the Controller of Examinations. Required code-books

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and data sheets / reference materials as specified in the question paper will be supplied inside the Examination Hall / Laboratories by the Office of the Controller of Examinations.

3.17 Eligibility for Award of Degree - A student shall be declared to be eligible for the award of the B.E. / B. Tech. / M.E. / M. Tech. Degree, provided the student has successfully

- · completed all the prescribed courses in the respective curriculum;
- obtained the required number of Total Minimum Credits as specified in the curriculum with respect to the stream of admission, reckoned from the commencement of first semester to which the candidate was admitted;
- passed any additional courses prescribed by the Department concerned if readmitted / transferred from other institutions, under the Regulations 2023 (Section 3.14);
- Any other requirements that may be communicated in advance, as received from the University
 or other Statutory Bodies.

3.18 Grievance Redressal - KCT aims at transparent and participative academic and administrative system that ensure the confidence of relevant stakeholders in the system.

Students / Parents (on behalf of their ward) who have grievance(s) with respect to valuation of Semester-End Examinations can seek redressal, applicable in the case of (i) regular and arrear examinations, (ii) theory and laboratory examinations and (iii) all the registered courses. In such cases, the student shall have the free access to his / her answer papers and apply for re-valuation with relevant fees (Annexure 2). After revaluation, if the grade obtained in the subject is lower than that obtained earlier, the grade awarded earlier (higher grade) shall be considered for CGPA and SGPA calculation. Maximum two revaluation shall be conducted and the decision by the Controller of the Examinations will be the final.

Any other grievance(s) related to academic process, facilities other than teaching-learning (dealt in Class / Course Committee meeting) may be represented to Students Grievance Redressal Cell (Annexure 1), whose composition shall be as prescribed by the University / AICTE.

3.19 Guidance and Mentoring is a support mechanism extended to every student of the Institution to successfully complete the Programme of Study. Every Faculty Mentor will have not more than 20 Mentees for guidance and mentoring, during the scheduled hour (in the time-table) and whenever required. Guidance and Mentoring offered by the Mentor shall involve maintenance of (i) Student Database, (ii) Course Registration, (iii) Student Performance in Assessments and Evaluations, (iv) Cumulative Credits earned, (v) enrolment and performance in other tracks of courses, (vi) participation in the activities of clubs and forums, (vii) participation in inter-collegiate competitions, (viii) attendance

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particulars (course-wise), (ix) guidance for higher education and competitive examinations, (x) recommending eligible mentees for scholarships, awards and recognitions. Every Mentor shall prepare the period reports and send the summary of Mentee's activities and performance to their parents (Annexure 2). However, in case of any in-disciplinary actions and inadequate performance of a student, the respective Mentor shall escalate the such issue to the Head of Department and Parents, immediately.

3.20 Induction Programme (Bootcamp / Ignite / Swagatham) shall be organised to all the students, admitted into first year of UG and PG (or second year in the case of UG Lateral Entry) to offer the course on Universal Human Value, awareness sessions on campus facilities, academic regulation and curriculum, highlight the culture, values and responsibilities of an Engineer in the Society and the Nation as a whole, besides Institutional infrastructure and facilities and student support systems. Head of the School of Foundational Sciences, OSA and Head of Clubs and Forums will prepare the plan at least 10 days before the first day of the Programme.

3.21 Issuing Duplicate Grade Sheet(s) / Transfer Certificate / Transcript - Duplicate Grade Sheet(s) shall be issued on valid reasons that may include (i) loss of Grade Sheet(s), (ii) damage of Grade Sheet, (iii) typographical errors and (iv) additional Grade Sheet(s) required for seeking admission into higher education in India / abroad. In such cases, the student shall submit the request to the Controller of Examinations at least 7 days in advance (Annexure 2).

Duplicate Transfer Certificate is issued only on valid reasons that may include (i) loss of Transfer Certificate, (ii) damage of Transfer Certificate and (iii) typographical errors. In the case of loss / damage of Transfer Certificate, University guidelines need to be followed and the student shall submit the request to the Controller of Examinations at least 3 days in advance (Annexure 2).

Duplicate Consolidated Grade Sheet (Transcript), on request (Annexure 2), will be issued to a candidate within 7 working days. Request for multiple copies also may be submitted to Controller of Examinations to meet the requirements related to higher education.

3.22 Mapping of Course Outcomes with Programme Outcomes and Programme Specific Outcomes shall be carried out, for a given Degree Programme, in order to ensure the contribution of all the courses towards the attainment of POs / PSO and thereby Vision and Mission of the Department. Attainment of POs / PSOs shall be carried out for every semester and gaps will be identified, discussed in the respective Board of Studies with recommended actions (in terms of content modification, course delivery methods, assessments / evaluation and support systems). Mapping of Outcomes and calculation of attainments and addressing the gaps shall solely be the responsibility of the Head of the

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Department and concerned course handling faculty member. The attainment gaps and remedial actions proposed shall be displayed in the Notice Board of the Department, once approved by the DAB BoS.

3.23 Medium of Study - Degree Programme registered by a student and all the associated courses shall be delivered in English language only, unless and otherwise specified in the curriculum or course syllabi. Medium of Study shall be specified in every Grade Sheet issued by the Controller of Examinations. A student / candidate who is in need of a Certificate of Language / Medium of Study (Programme Delivery) shall submit the request (Annexure 2) to the Controller of Examination at least 1 day in advance.

3.24 Office of the Controller of Examinations (OCoE) shall schedule and execute activities related to Assessments and Evaluations with adequate transparency and confidentiality. Office shall be equipped with Controller of Examinations, Deputy / Assistant Controller(s) of Examinations and the Head of the Institution shall be the Chief Controller of Examinations. Activities of the OCoE will be governed by the Examination and Evaluation Committee and Examination Malpractice Prevention Committee.

3.25 Parent's Meeting and Feedback – Parents Meeting shall be conducted at least once in a semester, preferably after the announcement of the results of Semester End Examinations. Overall performance of the wards are discussed with parents, feedback are received (Annexure 2) from the Parents and major issues are discussed in the IQAC Meeting. Parents' meeting is optional in the case of PG Programmes.

3.26 Personality Development Programmes (Extra & Co-curricular Activities) include activities, programmes, Certificate Courses (technical / non-technical courses) organised and delivered by NSS, NCC, Physical Education and any Support Services specified in the Section 8.0. Faculty / Officer incharge of Personality Development Programmes shall prepare the Annual Events Calendar and release the same along with the Academic Calendar.

Every student admitted into the UG programme shall be required to undergo a minimum of 40 hours of Personality Development Programmes viz, NSS / NCC / Sports and Games / Technical and Nontechnical Club activities during the first year of study. Attendance of the personality and character development courses / events shall be maintained by the respective Coordinators and submitted to the Office of the Controller of Examinations, through Mentors, before the commencement of Examinations of Semester I and Semester II. PG Students are encouraged to participate in the sports and games, activities of Clubs and Forums, while it is not mandatory to undergo NCC / NSS Programmes.

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Students who completed B Certificate in NCC or NSO certificate or participated in the camps (not less than two weeks) organized by NSS, Clubs and Forums are eligible to earn three credits, which shall be considered in lieu of 3-Credit Open Elective (Global), subject to the approval by Academic Consultative Committee (ACC).

3.27 Programme Educational Objectives describe what the learners will know or be able to do, after few years of graduation (as a Professional in Service, Research and Society with Ethics), as the result of having attended the educational program, approved by the respective Board of Study and Academic Council. Every Degree Programme (UG and PG) offered by the Department shall have distinct Educational Objectives that are observable and measurable.

3.28 Programme Duration

- (i) Undergraduate Regular, Lateral and Transferred shall be based on the criteria provided by the Affiliating University and the current guidelines are as follows:
 - i. A regular student (admitted after 10+2 stream, including Vocational) or equivalent is normally expected to fulfil the requirements for the award of the UG Degree B.E. / B.Tech. within four academic years (8 semesters) from the date of admission but in any case not more than 7 years (14 semesters).
 - ii. Lateral Entry students shall fulfil such requirements within three academic years (6 semesters) from the date of admission but in any case not more than 6 years (12 semesters) to qualify for the award of UG Degree B.E. / B.Tech.
 - iii. Students transferred from another institution through DoTE shall complete the credit requirements for the previous semester(s) / year(s) and the remaining years of study. However, the total duration shall be limited to (i) or (ii) as specified above depending upon the admission category (Regular / Lateral).
- iv. The above said total period for completion of the programme shall also include the break-ofstudy (vide Section 5.4) or period of prevention on account of any misconduct
- v. Each semester shall consist of minimum 90 working days. However, additional sessions, for theory / laboratory / embedded courses, may be conducted for students who require inputs over and above the number of periods (Remedial Classes) normally specified, as decided by the course handling faculty, within the specified duration of the Semester / Programme. The Heads of the Departments shall ensure that every faculty member teaches the subject / course as prescribed in the relevant, approved curriculum and syllabi.

(ii) Postgraduate - Regular and Transferred - shall be based on the criteria provided by the Affiliating

University and the current guidelines are as follows:

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- A regular student is normally expected to fulfil the requirements for the award of the PG Degree - M.E. / M.Tech. within two academic years (4 semesters) from the date of admission but in any case not more than 3 years (6 semesters).
- ii. Students transferred from another institution / detained due to various reasons / who availed break-of-study - through DoTE shall complete the credit requirements of the previous semester(s) / year and the remaining years of study. However, the total duration shall be limited to as specified above.
- iii. Each semester shall consist of minimum 90 working days. However, additional sessions, for theory / laboratory / embedded courses, may be conducted for students who require inputs over and above the number of periods (Remedial Classes) normally specified, as decided by the course handling faculty, within the specified duration of the Semester / Programme. Heads of the Departments shall ensure that every faculty member teaches the subject / course as prescribed in the relevant, approved curriculum and syllabi.
- 3.29 Programme Specific Outcomes are defined based on the Programme Educational Objectives, what the students would be able to do in terms of knowledge and skill with respect to the Programme of study at the time of graduation in addition to the generic Programme Outcomes (similar to Graduate Attributes).
- 3.30 Revision of Curriculum and Regulation The institution may from time to time revise, amend or change the Regulations, scheme of Examinations and syllabi, if found necessary with the approval of Academic Council. However, changes in the list of experiments offered in a course (without affecting course outcomes) may be carried out with the approval from Board of Studies and Standing Committee. Amendments to the Regulations 2023 may be made with approval of the Academic Council.

Note: Any ambiguity in interpretation of this regulation is to be put up to the Academic Council, whose decision will be final.

- 3.31 Special Provisions are given, through this Regulations 2023, under following cases / circumstances.
 - (a) If a student is eligible to appear in the Semester End Examination(s) but unable to write the examination(s) due to accident or injury in the hand, he / she may opt for 'scribe' to assist in writing the Examinations. In such cases, the selected 'scribe' shall not be a relative of the candidate and optionally, can submit a request to the Controller to provide the 'scribe' (Annexure 2). A separate hall, under supervision, shall be provided to such candidates to complete the examinations successfully. This is applicable for Continuous Assessments also.

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Kumaraguru College of Technology

Regulations 2023

- (b) If a student or team of students is or are unable to appear in the examination(s) due to (i) participation in the International or National Competitions, representing the Institution or the Nation, due to coincidence of both the events on same / nearby dates or (ii) unable to appear in the Semester End Examination due to certain Competitive Examinations (CAT, GATE, UPSC, TNPSC, SSB, GRE, TOEFL, IELTS) being held on the same date(s), the student(s) may request the Controller of Examinations through the respective Head of the Department to conduct the examinations separately, which essentially shall not be considered as arrear or reappearance or re-do. On receiving the same, the Controller shall reschedule the Assessments / Examinations on suitable slots in consultation with the Head of the Department.
- (c) All Courses taught as part of the Programme are evaluated and relevant Grade Point, Letter Grade, Semester Grade Point Average and Cumulative Grade Point Average are given. No marks or average marks or percent scores shall be given for any course. However, if a student needs the percent scores and average percent score (semester and programme), a request may be submitted (Annexure 2) to the Controller of Examinations, at least 10 days in advance to retrieve the relevant data (Semester I to VIII) and calculate the metrics.

4.0 Course Offerings - Classification, Categories and Types

All the Courses offered under Undergraduate / Postgraduate Programme are classified into (i) Basic Sciences, (ii) Basic Engineering, (iii) Professional Core, (iv) Professional Electives, (v) Open Electives, (vi) Employment Enhancement Courses, as specified in the Section 3.14.

Various courses (subjects) offered as a part of the programmes are categorized into (i) Credit Courses, (ii) Audit Courses with Credits, (iii) Non-Credit Courses. These categories of courses shall conform to any one of the following types, and shall be offered as recommended in the respective curriculum.

- Audit Course
- Bridge Course
- Capsule Course
- Capstone Project
- Collaborative Course
- Competitions / Hackathons
- Comprehension
- Core / Elective
- Course-on-Demand
- 10. Course-by-Consent
- 11. Delivery-at-Industry
- 12. Edge / Edge+ Courses
- Embedded / Layer Learning Course

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- 14. Field Study
- 15. Independent Study
- 16. Industry-driven Course
- 17. Interdisciplinary Course
- 18. Internship
- 19. Language Electives
- 20. Management Courses
- 21. Mandatory / Optional Tracks
- 22. Massive Open Online Course (MOOC)
- 23. Mini-project
- 24. Open Electives Technical
- 25. Open Electives Global
- 26. Partnered Courses
- 27. Protosem
- 28. Self-Study Electives
- 29. Skill Courses
- 30. Technical Seminar
- 31. Value Added Courses
- 32. Workshops

Combination of these courses (types) may be considered for designing the (i) Curriculum of a Programme, (ii) Honors Track (General), (iii) Honors Track (Stream Specific), (iv) Minor Specialisation, (v) Micro-specialisation and (vi) Nano-Specialisation. Descriptions and guidelines for offering of these types are given below:

4.1 Audit Courses are optionally registered by a student to understand certain basic / advanced concepts in his / her own discipline or other disciplines offered by the Institute. In the case, if a candidate fails in an Audit Course, it is not mandatory to repeat that course and these courses shall not be considered for the eligibility for awarding the Degree / CGPA calculations. Grades shall be awarded as "Audit Pass" or "Audit Fail", depending upon the outcomes of assessments.

4.2 Bridge Courses are offered to bridge the learning gaps that may exist on account of (i) learning gaps at school education (students admitted from different Boards in the case of UG) or (ii) students admitted under Lateral Entry Scheme (Diploma, BSc qualification) or with different Degree Programmes in the case of PG (MSc, BE/BTech with different domain) or (iii) learning an advanced level courses that require certain pre-requisites. Such courses will have additional credits that shall not be included in the CGPA calculations.

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- **4.2** Capsule Courses are offered in the (i) emerging areas (e.g. Metaverse, 6G, Web 3.0), (ii) introductory course for an established domain (e.g. Blockchain, Cyber Physical Systems) and (iii) non-credit courses with a total duration not exceeding 6 to 8 hours. In the case, if a candidate fails in a Capsule Course, it is not mandatory to repeat that course and these courses shall not be considered for the eligibility for awarding the Degree / CGPA calculations.
- 4.3 Capstone Project shall be offered once a student completes >95% of the core courses (number of courses / credits) related to his / her Degree Programme. Capstone Project is expected to involve the concepts from fundamentals—to—recent developments and may be restricted to one domain or multidomains / multi-disciplines. Capstone Project shall be offered only after completing the all the fundamental courses and may be offered during VI to VIII Semesters with further focus on Environment, Economy, Ethics, Society, Sustainability and Project Management Skills. In the case of a multidisciplinary project, suitable co-supervisor shall be opted by the students from the relevant Department / Centre for successful completion. Capstone Project may be offered in phases, i.e. Phase I and Phase II. Students are encouraged to submit the softcopy of the complete report for evaluation and abstract in the printed form during final presentation.

Report submitted as a part of the Capstone Project shall be checked for similarity / plagiarism through software provided to the Academic Departments and the extent of similarity is expected to be < 15%, excluding References.

- **4.4** Collaborative Courses are jointly designed by a team of students from different programmes / specialisation with the help of a faculty team. These courses are expected to meet specific requirements like seeking admission for higher studies, participating in national / international competitions, incubation of new ideas. Assessment and evaluation will be carried out jointly by a team of faculty members, relevant to course content (Table 7.1).
- 4.5 Competitions / Hackathons may be considered as one of the course types in situations, where multiple solutions are expected to a problem or, multiple problems are expected to be solved, related to one particular domain / industry / research laboratory (eg. AICTE-SIH, Defense, DRDO Labs, jointly with Ministries of Government, etc), following the guidelines given in the Annexure 4. Such course shall be essentially a combination of theory with problem solving (Lab Component) and may be offered on a workshop mode also. Credit allocation, Assessment and Evaluation shall be based on the procedures given in the Section 7.0, respectively.

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- 4.6 Comprehension course is offered (only in UG Programmes), towards the end of pre-final year to facilitate the students to prepare for certain competitive examinations / placements / higher studies.
- 4.7 Core / Elective courses are offered to students of a particular programme to gain basic and specialized knowledge / skills in a selected field / programme of study. Core courses are mandatory to complete the Degree programme and shall not be exempted or provided with credit equivalence.

Elective Courses may be grouped into different domains / streams / specialisation with at least 6 to 7 options to enable the students to pursue Stream-specific Honors. At least 10 students need to express the willingness in the case of elective course to be offered (other than Honors), otherwise such elective course may be offered under Self-Study Elective option.

- **4.8** Course-on-Demand is a curriculum enrichment option given to the students of a programme to gain knowledge / skill on a specific topic. Group of students with appropriate course content / topics may approach the concerned Head of the Department and submit the request for delivery. However, such courses shall not have any repetition (in syllabus) of other courses offered in any programme offered by the Institution.
- 4.9 Course-by-Consent facilitates a student to attend few lectures / complete course to understand certain concepts and gain fundamental knowledge of a course, without Course Registration, with the consent of course-handling faculty member. There shall not be any Assessments and Evaluations for these courses.
- 4.10 Delivery-at-Industry is an option given to faculty members to deliver a part / complete course in an industry, where specific facilities (related to manufacturing, service) are available. Assessments and evaluation will be conducted at the Institution / Industry as per the schedule / calendar released by the Controller of Examinations.
- **4.11 Edge Courses** are essential courses offered from the initial years of the Degree Programme and Edge courses include the following courses and any other courses approved by the Academic Council.
 - 1. Biology for Engineers
 - Design Thinking
 - 3. Ethics
 - 4. Indian Constitution
 - 5. IPR Fundamentals
 - 6. Research Ethics
 - Start-up Fundamentals

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4.12 Embedded Course / Layer Learning may be offered wherever theoretical concepts are to be learned simultaneously with relevant practical applications / sessions. Such courses shall be offered only if sufficient laboratory facilities are available to conduct such courses, and both laboratory and theory components shall be considered together for final evaluation and awarding the credits. In the case, if a student fails in such course, he / she shall repeat both the components.

4.13 Field Study may be offered as a special / curriculum enriching component to understand certain practical issues / work practices / market survey / societal issues. Field Study, if it forms a part of the course then credit(s) shall be assigned accordingly, following appropriate assessment scheme (Table 7.1), otherwise such course(s) may be specified in the Grade Sheet without credits / grades.

4.14 Independent Study is an option given to the needy student(s) to enhance learning experience in a specific domain. In Independent Study, a student is expected to solve real-time problems, individually, related to research / industry / societal needs (Problem Based Course). Independent Study may be taken in pleace of Professional Elective or Open Elective (T) or Additional Credit Course, with a maximum of 3 credits, in the entire period of study. The study shall be proposed and planned by an individual student. A Faculty Coordinator shall be assigned to monitor the progress, plan assessments and final evaluation. In case, if a student fails to complete the *study*, he / she may seek additional time or may drop the course and opt for a different elective course (Annexure 2). Such proposals from the students shall be presented to the Board of Study for approval and recommendations.

4.15 Industry-driven Course shall be offered, jointly with an industry or organisation that would result in learning the emerging trends / employment potential topics / solving real-time problems. Contents of the course shall be jointly designed by the industry expert and a suitable faculty member, with relevant assessments and evaluation.

4.16 Interdisciplinary Course may be offered jointly by a team of faculty members / support systems with the course content that include interdisciplinary topics from different domains, thereby enhancing the Professional Knowledge / Skills of the students. However, such courses shall not have any significant repetition (in the syllabus) of other courses offered in any discipline of the Institution. If a student fails complete such course in the first attempt or lack of attendance requirements, he / she may opt for a different course in the subsequent semester and meet the minimum credit requirements of the Programme or may re-do the same course whenever offered.

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4.17 Internship is offered as a credit course during winter / summer vacation within the Kumaraguru Institutions or undertaken in Industry or Research Laboratories or other Universities in India or abroad. Credit allocation, Assessment and Evaluation shall be based on the procedures given in the Sections 7.0, respectively. Every student is encouraged to gain a maximum of 18 Credits through Internship and be eligible for Track courses / Specialisation (Annexure 3). Internship shall be an optional course (Annexure 3) in the case of PG programmes. Students, who undergo Internship shall follow the guidelines in the Annexure 4.

- 4.18 Language Electives, in the UG curriculum, provide options to learn foreign languages that include German, Japanese, French, Korean, Chinese, Spanish and Indian Languages – Hindi and Tamil (for students from other States and Countries).
- 4.19 Management Courses are offered as a part of Management Electives to understand and gain basic, specialized knowledge / skills in a selected field. Students are permitted to complete these courses through Professional Certification and get credit equivalence. Management Courses include,
 - 1. Financial Management
 - 2. Industrial Economics
 - 3. Project Management
 - 4. Total Quality Management

Departments are free to add Management Courses with the approval of respective Board of Studies and Academic Council.

4.20 Mandatory/Optional Tracks are offered from Semester I onwards to cater to the requirements of students from different categories, aspirations and also to meet certain compliance requirements (Table 4.1). Courses offered under these tracks are given in the Annexure 3. Additional Tracks or Additional Courses in a track may also be introduced with the approval of Academic Council (and Board of Studies in the case of Additional Courses) as and when needed.

Table 4.1 Mandatory and Optional Tracks - UG and PG Programmes

Track	Awarding Credits	Optional/ Mandatory	Offering Semester	
Edge Courses	Additional Credits	Mandatory	From Semester I	
Family Business / Start-up / Entrepreneurship Track	Additional Credits / Credit Equivalence (PE and OE)	Optional	From Semester I	
Honors Track (General / Stream Specific)*	Additional Credits as Required	Optional	From Semester III	
Human Value and Humanities Track*	Additional Credits	Mandatory	Semester I to IV	

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Track	Awarding Credits	Optional/ Mandatory	Offering Semester
Induction Programme / Mandatory Courses (as may be specified by University / UGC / AICTE)	No Credit / Additional Credits	Mandatory	As and When Announced / Offered
Immersion Track	Additional Credits / Credit Equivalence (PE / OE)	Optional	As and When Offered
Innovation Track	Additional Credits	Mandatory	Semester I to IV
Internship	Additional Credits	Mandatory	From Semester I
Management Track*	Management Core	Mandatory	From Semester III
Minor* / Micro* / Nano Specialisation	Additional Credits as Required	Optional	From Semester III
Personality Development Courses (including Extra & Co-curricular Activities)	No Credit / Credit Equivalence	Mandatory	From Semester I

^{* -} Applicable only to UG Programmes.

- **4.21** Massive Open Online Courses (MOOC) are offered as additional credit courses or a part of the curriculum with the credit equivalence, equal to that of Professional Electives and /or Open Electives. In the case, if the binding-guidelines are received from the University regarding credit equivalence or credit limits, that shall be adhered to strictly, regardless to the provisions given in this Regulation.
- **4.22** Mini-project is offered as an individual course or as a part of the course taught under various types, preferably in a semester before a student takes-up the Capstone Project. Mini-projects are expected to enhance the learning outcomes of the students by applying the Engineering Knowledge unambiguously by Problem Analysis, Design / Development of Solutions, Conducting short Investigations or involving the use of Modern Tools.
- 4.23 Open Elective Technical (OET) courses are expected to provide the required knowledge / skill in a different engineering or technology domain than the domain / programme opted by a student. These courses, normally, shall not have any pre-requisites and shall be introductory in nature. However, advance level open elective courses (Technical) within a cluster of programmes (for e.g, EE-EC-EI-MC or CS-IT-AD-MC or TT-FT-BT or ME-MC-AU-AE) shall be offered where a student has already gained the required pre-requisites as a part of the curriculum. Every Academic Department is expected to offer 3 to 4 Open Elective (Technical) Courses with approval of the respective Board of Studies and Academic Council.

4.24 Open Elective - Global (OEG) courses are expected to enhance the life skills / satisfy his hobby-related requirements / not-closely-relevant to a programme, leveraging the unique facilities available

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in the Kumaraguru Institutions, for e.g. Music, Art, Psychology, Crafts, etc. Syllabus of such courses may be prepared by any individual faculty member / Centre, jointly with external agencies or freelancers and shall be approved by the Board of Studies (Languages and Humanities) and Academic Council.

- **4.25 Partnered** Course is typically a course outsourced through a qualified vendor (Institute / Individual Experts / Professional Bodies / Government Agencies) to bridge the (i) gap between industry-institute or (ii) expertise available within the Institution. A Course Coordinator shall be appointed by the concerned Head to monitor the progress, assessment and evaluation.
- **4.26 Protosem** shall be a semester-long activity, offered by a Department / Laboratory / Centre, where an individual student or group of students is / are expected to work on incubating certain ideas to develop a product / process / technology / business with or without financial assistance from the Institute. Courses opted and efforts put-in by the individual / team shall be mapped with the Professional Electives / Open Elective (Technical) Courses.
- **4.27** Self-Study Elective may be offered from the existing list of Professional Electives, when sufficient cohort is not available for offering a course (as elective), as specified in the Section 4.7. Student(s) who opt for self-study elective shall be assigned with a Course Coordinator to monitor the progress, conduct assessments and evaluation. In case, if a self-study course is registered by a student as an additional credit course, he / she shall not be required to repeat / redo, if fails to secure the 'pass' grade.
- **4.28** Skill Courses are related to either personal (transferable) skills or professional skills, delivered in the form of demo-sessions, hands-on training and any other suitable delivery methods. These courses shall be optional, non-credit courses without / with assessments and evaluations.
- **4.30** Technical Seminar is offered to enhance learning activities and the outcomes of students related to Communication, Individual / Teamwork and Life-long learning.
- 4.31 Value Added Courses are offered to provide value addition over certain basic courses, offered as a part of the UG curriculum. These courses shall have a duration of minimum 30 hours and may be delivered by Institutional Faculty or Adjunct Faculty or Expert Members identified in the relevant domain. Faculty Coordinator and HoDs proposing such courses shall get approval from the Board of Study for Syllabus and Assessments and Evaluation.
- **4.32** Workshops are offered to a group of students on a specific topic with a view of achieving defined outcomes at the end of the workshop, e.g. writing technical paper, preparing patent application, etc.

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If a student or group of student wish(es) to opt for (i) Course-on-Demand, (ii) Independent Study, (iii) Internship, (iv) MCCC, (v) Protosem and (vi) Self-Study Elective, same shall be communicated to the Mentor / Head of the Department / Department of Academics (for Open Elective (G)) for necessary approvals from BoS / AC (for (i), (ii)) to facilitate the Course Registration process.

5.0 Academic and Curriculum Flexibility

Academic and Curriculum Flexibility facilitates learning of a student with respect to the time-frame of the courses, horizontal mobility, inter-disciplinary options as given below.

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- 1. Academic Programme Duration
- 2. Assessment-on-Demand
- Assessment Options
- 4. Break-of-Study
- 5. Course Add / Drop
- 6. Course Re-Do
- 7. Course Withdrawal
- 8. Credit Equivalence
- Credit Transfer
- 10. Deferred Placement
- 11. Examination Withdrawal
- 12. Extended Track
- 13. Fast-Track Option
- 14. Flexi-Credit System
- 15. Fractal Credit System
- 16. Lecture on Demand
- 17. Online / Hybrid Learning
- 18. Online Assessment
- 19. Summer / Winter Track

5.1 Academic Programme Duration

(i) Undergraduate Programmes

A regular student (admitted after 10+2 stream) is normally expected to fulfil the requirements for the award of the UG Degree - B.E. / B.Tech. within four academic years (8 semesters) from the date of admission but in any case, not more than 7 years (14 semesters). Students admitted through Lateral Entry Scheme / equivalent shall fulfil such requirements within three academic years (6 semesters) from the date of admission but in any case, not more than 6 years (12 semesters) to qualify for the award of UG Degree - B.E. / B.Tech. The total period for completion of the programme shall also include the break-of-study (vide Section 5.4) or period of prevention on account of any misconduct.

(ii) Postgraduate Programmes

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A regular student is normally expected to fulfil the requirements for the award of the PG Degree - M.E. / M.Tech. within two academic years (4 semesters) from the date of admission but in any case not more than 3 years (6 semesters). Students transferred from another institution / detained due to various reasons / who availed break-of-study - through DoTE shall complete the credit requirements of the previous semester(s) / year and the remaining years of study. However, the total duration shall be limited to 3 years (6 semesters) only. The total period for completion of the programme shall also include the break-of-study (vide Section 5.4) or period of prevention on account of any misconduct

- 5.2 Assessment-on-Demand is an option that a student can exercise, in case if he / she is unable to appear for the assessment as per the schedule. Such student(s) can approach the Controller of Examinations and request the assessment (CAT), submitting the Form given in the Annexure 2.
- 5.3 Assessment Options give high flexibility to students, course-handling faculty members to decide on (i) assessment type and frequency, and (ii) question paper pattern for Continuous Assessments and Assignment (other than the options specified in the Section 7.10), discussed in the First Course Committee / Class Committee Meeting with the approval / ratification from the concerned Board of Studies. Such decisions shall be communicated to the Controller of Examinations (Annexure 2) to prepare the schedule accordingly.
- **5.4** Break-of-Study If a student intends to take a break / temporarily discontinue the programme in the middle of a semester / academic year, during the period of study, for valid reasons (such as Internships, accident or hospitalization, prolonged ill health) and wishes to re-join the programme in the next academic year, he / she shall apply in advance to the ACC through the DCC, stating the reasons. Break of study is permitted only once during the entire period of the degree programme, for a maximum period of one year.

The student, who is permitted to re-join the programme after break, shall be governed by the rules and regulations in force, at the time of re-joining. However, the criteria for awarding the Degree (duration of study) shall be governed as per Table 3.2 (a or b).

If a student is detained for want (shortage) of attendance in a particular semester, the period spent in that semester shall not be considered as permitted Break of Study.

5.5 Course Add / Drop - A student may add courses additionally (over-and-above originally registered for a semester) within the first 5 instructional days from the commencement of a regular semester (not applicable to summer / winter track), subject to the availability of resources and maximum number of credits permissible in a semester as specified above (Section 2). Also, a student may drop the Registered Courses (out of 20 credits), limited to maximum 6 credits, any time before completing first Continuous

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Assessment Test (CAT 1) in a semester and such courses shall not be considered as arrear, however, the student shall re-do the same whenever offered and complete the same before registering any advance level courses, related to the 'dropped course(s)', i.e. satisfy the pre-requisite requirements.

- 5.6 Course Re-Do is an option given to a student to enhance the score obtained in both Continuous Assessments and Semester-End Examination by re-registering and re-doing the course, whenever offered (Annexure 2). In case if he / she obtains lower grade in the second attempt, score obtained in the earlier attempt will be considered for calculation of CGPA and SGPA. Such flexibility can be exercised only once for a given course (subject).
- 5.7 Course Withdrawal A student can withdraw one or more or all the courses registered in a given semester, if he / she is unable to keep-up the pace of content delivery or learning inability. A student can withdraw a course, informing Head of the Department and Controller of Examinations by submitting Course Withdrawal Form (Annexure 2) at least 5 working days before the commencement of Semester-End Examinations (SEE). In the subsequent semester, he / she shall re-register, earn the attendance and CAM and appear for Semester-End Examinations. Course withdrawal shall not be considered as arrear.
- 5.8 Credit Equivalence is an option that can be exercised by a student under following circumstances:

 (i) credits earned through Extra and Co-curricular Activities (only against Open Electives -Technical and Global), (ii) credits earned through online courses (only against Open Electives (Technical and Global) and Professional Electives), (iii) credits accumulated through One-Credit courses, (iv) credits earned through Semester Abroad Programmes and any other modes. Such courses and credits earned shall be presented in the Board of Study along with the Equivalent Credit(s) recommended by the Department Examination Committee (Annexure 1).
- 5.9 Credit Transfer Credits earned by a student through Credit Equivalence (as said above) and credits earned by attending, completing the courses successfully, offered by other UGC approved Universities / Institutions (only against Open Electives (Technical and Global) and Programme Electives) shall be considered as "Transferred Credits (specified in the Grade Sheet)" and considered for the calculation of SGPA and CGPA.
- 5.10. Deferred Placement facility may be availed by the students, who would like to make an attempt in incubation of technology / business in the Forge / RiG / Other Centres and aspire to establish a start-up. For such students, CEED will extend the placement (training and attending interviews) facilities for one more year, i.e. Year of Graduation + One Year.

5.11 Examination Withdrawal - A student may, for personal reasons / participation in extra & cocurricular activities, be granted permission to withdraw (after registering for the examinations) from

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appearing for any course(s) in Semester-End Examination(s), in a particular semester. The student may withdraw by following the due process of the CoE's Office before commencement of examination (Annexure 2). Withdrawal from SEE will be valid only if the student is, otherwise, eligible to write the examination and the application for withdrawal is submitted to the CoE, prior to the examination of the course(s) concerned. If a student is unable to submit the withdrawal form, due to certain emergency situations, same shall be communicated to the Head of the Department through Mentor, who may communicate the same to the Controller of Examinations on behalf of the student (Annexure 2). Once the student returns to the Institute, he / she shall submit the Examination Withdrawal form. CAM earned in such courses shall be carried forward in the subsequent appearance (Section 7.9 (iii)).

- **5.12** Extended Track From the first semester onwards, a student is allowed to register for the minimum permissible number of credits (Section 3.12) in each semester and complete the programme within the maximum permissible duration (Section 3.29). A student who wishes to opt for the extended track shall submit a request to DCC and approval shall be granted on case-to-case basis, by ACC, after discussion with the parents of the student concerned (Annexure 2).
- 5.13 Fast-Track Option enables a student to complete the total minimum credit requirements of a programme, including capstone project, to enable (i) his / her own entrepreneurial venture (start-up), (ii) internship in industry / research laboratories / Universities abroad. However, such option shall not be exercised to pursue higher education elsewhere, where the entry-level qualification is a Bachelor's / Master's degree in which a student has joined. The Degree shall be awarded only after the completion of programme duration, specified in Section 3.27.
- 5.14 Flexi-Credit System offers a student to earn additional credits than that specified (minimum credits) to a Programme in which he / she has enrolled. Such additional credits earned shall be mentioned in the Grade Sheet, as 'Additional Credits Earned'. Credits earned through Flexi-Credit System shall be considered for calculation of SGPA or CGPA only if the student submits the request to the Controller of Examinations (Annexure 2)
- 5.15 Fractal Credit System is adopted in certain courses, in the initial years of programme, that need longer time for learning-reflections (4-credit courses), e.g. Basics of Engineering, Mathematics, by meaningfully splitting a course into two different fractal courses with 2 credits each. Besides, fractal credit system may be opted by student / faculty (i) in courses where the students success (% pass) is too low, less than 50%, (ii) when a student registers for Re-Do / Re-Appear (from second arrear attempt onwards). In such cases, assessments and evaluation shall be carried out separately for both the fractal courses (2 credits each). On successful completion, a student may retain the credits earned through Fractal Credit System or may apply for credit equivalence and get the original credit (4 credits) with relevant course code and title.

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5.16 Lecture on Demand may be availed by a student / group of students, if additional learning is required on a topic specified in the syllabus or on emerging topics or topics related to competitive examinations or placement interviews. Such lectures may be delivered by the Academic Departments or Student Support Systems, however, outcomes of the lectures shall not be considered for credit calculations.

5.17 Hybrid Learning facilitates learning a registered-course through physical and online modes when such course(s) is (are) offered by the approved online platform(s). In such cases, the student may be permitted to register and complete the course and claim the scores equivalent to Continuous Assessment Marks. However, the student shall submit the scores on or before appearing for the Semester-End Examination, failing which CAM shall be entered as "zero" and evaluated for credit calculation or he / she may opt for Course Withdrawal and Re-Do the course.

5.18 Online Assessment, in the case of Continuous Assessment, may be opted by a student under following circumstances - (i) suffering due to illness that necessitates self-isolation, (ii) illness that necessitates hospitalization, (iii) attending national / international competitions with prior approval, and (iv) any other reasons approved by DEC. In such cases, the student shall submit the request (Annexure 2) to the Controller of Examinations and seek assessment. Online Assessment is not allowed in the case of Semester-End Examinations unless it is approved by Academic Council of the Institution and Affiliating University.

5.19 Summer/Winter Track Courses may be availed by a student if a student could not appear in the Semester-End Examinations in a course(s) due to (i) courses dropped as specified in the Section 5.5 or (ii) lack of attendance, or (iii) Course Re-Do (Section 5.6) or (iv) avail fast-track system of completion or (v) audit a course or (vi) earn additional credits (Section 5.14). Announcements for Summer / Winter Track courses shall be made by the Department of Academics (DoA) during beginning of the Academic Session / Semester. Course Registration is essential for appearing in the Semester-End Examination.

6.0 Academic and Curriculum Enrichment

Curriculum Enrichment has a focus on holistic development of students, ensured through prescribing dynamic and updated curricular inputs, courses and activities which may not be directly linked to Programme of Study but contribute to sensitizing students to crosscutting issues relevant to the concerns both, nationally and internationally.

- Co-Curricular Activities
- Double Degree
- Exchange Programme (Semester Abroad / Project-Abroad)
- Extra-Curricular Activities

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- 5. Gender Equity
- 6. Honors Track (General / Stream-Specific)*
- 7. Human Values*
- 8. Immersion Program (Cultural / Social)
- 9. Innovation Track
- 10. Intra / Inter-Campus Internships
- 11. Leadership Track
- 12. Learning Beyond Syllabus
- 13. Lecture Series
- 14. Minor Specialisation* (Management / Personal / Social / Traditional / Technical)
- 15. Micro-Specialisation*
- 16. Nano-Specialisation
- 17. Peer Mentoring
- 18. Professional Ethics*
- 19. Sustainable Development Goals
- 20. Value Added Courses

(Note: *- these options are available to UG Programmes only)

- 6.1 Co-Curricular Activities are offered to all the students in order to enhance the transferable skills and Programme Outcomes through various learning options. These activities are aimed at enhancing communication, individual/teamwork, project management, addressing societal issues, understanding ethical practices and life-long learning abilities, besides core skills. Officer in-charge of Clubs and Forums shall prepare the annual calendar and release along with the Academic Calendar.
- **6.2 Double Degree** option is available to all the students, while pursuing the programme offered by the Institution. Second Degree may be pursued through online or physical or hybrid or distance mode or combinations of different modes. However, no credit equivalence or credit transfer shall be permitted between the programme with reference to total minimum credit required for the award of the Degree. Also, credits earned as a part of the second Degree Programme shall not be mentioned / included in the Grade Sheet issued by the Institution.
- 6.3 Exchange Programmes (Semester Abroad/Project-Abroad) are jointly organized with the selected Indian / global partners to offer courses related to student's domain (core / professional electives / specialisation) that are pre-approved or ratified by the Board of Studies.
- 6.4 Extra-Curricular Activities are offered to interested and selected students as volunteers in NSS, cadets of NCC or active participants in sports and games. Awarding credits (exemption / equivalence) on account of these activities, shall be in-line with the guidelines of UGC / University Notifications.
- 6.5 Gender Equity and Gender Sensitisation courses are offered as additional credit / audit courses to empower every student with responsibility and ensure equality among the genders. These courses may be offered by Academic Departments / Statutory Committees / Support Systems.

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- 6.6 Honors Track (General/Stream-Specific) may be opted by the interested student(s) by earning 18 additional credits in his / her own programme of study. These 18 credits may be earned from a particular domain / area (Stream-specific Honors) or spread across different domains (General Track) of the programme. Honors Track may be availed from Fifth Semester onwards.
- 6.7 Human Value Courses are essential courses that every student of UG Programmes would undergo and complete successfully as a part of the curriculum. These courses shall include Universal Human Values (Personal, Family, Societal, Global and Professional Values), Indian Constitution and Professional Ethics.
- **6.8 Immersion Programs (Cultural / Social)** are organized by the Academic Departments or Support Systems to understand different cultures, value-systems, lifestyles and real-time problems with global perspectives. Immersion programmes may be organized at State Level / National Level / International Level with the selected partners / collaborators with or without academic credits.
- 6.9 Innovation Track is offered to the student, to bring awareness on start-up / entrepreneurial ventures through a series of courses / activities, starting from first semester to fourth semester. Based on the inputs gained, students can select their electives, specialisation, capstone project and defer placement options.
- **6.10** Intra/Inter-Campus Internships are offered to the students as a part of the Programme, relevant to new knowledge, skills, during vacation or after the regular learning hours. In case of Internships offered by the Kumaraguru Group Institutions, the duration, assessment and evaluations shall comply the requirements specified in the Section 7.0, for credit calculation purpose. Wherever possible, faculty coordinator / mentor will visit the industry to carry out the mid-reviews and offer feedback / suggestions to improve the experiential learning.
- 6.11 Leadership Track is an option available to the limited meritorious students to develop their Leadership, Project Management, Team Building and Life-long Learning skills through Leadership Position (Leadership Council) and Department Associate positions. Leadership Council Members and Department Associates are expected to take initiatives to supplement the learning process through suitable policies and processes. Leadership Track offers marginal exemption (10 to 15%) from the Attendance Requirements, as approved by the Department Consultative Committee.
- 6.12 Learning Beyond Syllabus are the topics recommended in all / selected courses of the curriculum to understand the recent developments in the form of research papers, technical reports, case studies and Government Policies.

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6.13 Lecture Series are conducted by the Academic Departments / Support Systems on topics related to the Programme of Study or on the topics relevant to the current developments. Lecture Series are organized to bridge the learning-gap of the students.

6.14 Minor Specialisation (Management/Personal/Social/Traditional/Technical) is offered to a student, whereby one can earn additional 18 credits, not related to her / his programme of study but in the Science / Management / Technical / Traditional / Socio-Economical / personal-interest areas. Courses related to Minor Specialisation may be offered by all the Academic Departments, Kumaraguru Group Institutions, Other Universities (with relevant credit equivalence / transfer), meeting the requirements of Affiliating University and Autonomous Regulations of the Institution.

6.15 Micro-Specialisation is offered to a student, whereby one can earn additional 12 credits in the emerging / employment / research / personal-interest areas. Courses related to Micro Specialisation may be offered by all the Academic Departments, Kumaraguru Group Institutions, Other Universities (with relevant credit equivalence / transfer), meeting the requirements of Autonomous Regulations of the Institution. Such accomplishment will be specified in the Grade Sheet and Consolidated Grade Sheet awarded, during completion of the Programme.

6.16 Nano-Specialisation is offered to a student, whereby one can earn additional 9 credits in the emerging / employment / research / personal-interest areas. Courses related to Nano Specialisation may be offered by all the Academic Departments, Kumaraguru Group Institutions, Other Universities (with relevant credit equivalence / transfer), meeting the requirements of the Autonomous Regulations of the Institution. Such accomplishment will be specified in the Grade Sheet and Consolidated Grade Sheet awarded, during completion of the Programme.

6.17 Peer Mentoring may happen as a part of scheduled time-table or after instructional hours in a day, by the Peers (from senior classes), leading to value addition, enriching the understanding of certain concepts and implementing practically (developing models, prototype, proof-of-concepts) for learningsatisfaction, participating in competitions / competitive examinations. These efforts are expected to improve team-work, communication, understanding societal needs, project management skills and lifelong learning abilities.

6.18 Professional Ethics course leads to essential understanding of ethical principles and commit to professional ethics, responsibilities and norms of the engineering practices.

6.19 Sustainable Development Goals are accepted-means to achieve the concept of Sustainable Planet, considering 17 different goals and programmes. Every student, registered for UG and PG programmes, shall mandatorily register and complete the courses related to UN SDG, offered by the UN

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(https://www.unsdglearn.org/courses/) as specified in the curriculum. Such courses will have a faculty coordinator, assigned by DoA, to facilitate learning.

6.20 Value Added Courses are offered to provide value addition over certain basic courses offered as a part of the curriculum. These courses shall have a duration of minimum 30 hours and may be delivered by Institutional Faculty or Adjunct Faculty or Expert Members identified in the relevant domain. Faculty Coordinator and HoDs proposing such courses shall get approval from the Board of Studies for Syllabus and Assessment methods.

7.0 Assessment and Evaluation

Assessments are conducted for all the courses (except, Course-by-Consent) at regular intervals with an intent to give learning-feedback to the students and facilitate improvements, if required, in the form of (i) Remedial Classes, (ii) Additional Assessments and (iii) providing self-learning materials based on the nature of the course. Contents for Continuous Assessments (CAT) shall be discussed in the Class / Course Committee meetings along with the Question Paper Pattern, mark distributions for every Course Outcomes.

Evaluations are conducted at the end of the semester (SEE) or as and when the course is completed (only in the case of one-credit courses, capsule courses, competitions / hackathons, collaborative courses, field study, partnered courses and protosem) with a pre-announced schedule, to evaluate the Learning Outcomes and relevant Programme Outcomes.

Question paper in the case of Continuous Assessments shall be prepared by the course handling faculty and if more than one faculty member handles the same subject (programmes with more than one section, first year courses and common courses offered with same course code), topics for assessments, question paper pattern and question paper setting faculty shall be discussed in the Course Committee Meeting and same shall be conveyed to respective students and the Office of Controller of Examinations.

Both Continuous Assessments and Semester-End Evaluations (theory and lab) are conducted by the Office of the Controller of Examinations with appropriate schedules published before beginning the academic session. In order to decide the final marks, credit earned and letter grade, total CAM and semester-end score are considered in the proportion (weightage) of 50:50. This may be modified as and when the directions are received from the Affiliating University. Table 7.1 shows the assessment and evaluation methods for various types of courses.

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In case, if a candidate fails to secure the minimum marks required for awarding 'Pass' grade, he / she shall repeat the same course if the course falls under – Total Minimum Credits Required for award of the Degree like, (i) Capstone Project (Phase I / Phase II), (ii) Competitions / Hackathons (if meant for Credit & CGPA), (iii) Comprehension, (iv) Core / Professional Electives, (v) Embedded Courses, (vi) Mini-Projects, (vii) Technical Seminar. For all other types of courses, requirements for "reappear" shall be governed as given in the Table 7.1, below.

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Table 7.1 - Assessments and Evaluations of Various Courses

Course Type	Continuous Assessments and Weightage (Marks)			Semester-End Examination (SEE) &	Eligibility for 'Pass" Grade	Remarks
	Test 1	Test 2	Assignment	Weightage (Marks)	'Pass' Grade	
Capsule Course	Test 1 – 50 Marks	-	-	•	50%	No need to redo in case, it a student fails
Capstone Project (Phase I & Phase II)	Review 1 - 10 Marks	Review 2 – 20 Marks	Review 3 – 20 Marks	Viva Voce - 30 Marks Report** - 10 Marks Paper Published (Journal) / Patent Filed - 10 Marks	50% of the Total Score and Minimum Score 45% in SEE	Rubrics to be approved by Academic Council
Collaborative Course - Theory	Test 1 – 20 Marks	Test 2 – 20 Marks	Test 3 / Term Paper – 10 Marks	Mini-project**/ SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	If a student fails, no need to repeat if registered for additional credits
Collaborative Course - Lab	Mid-Term Assessment 1 - 20 Marks	Mid-Term Assessment 1 - 30 Marks	100	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	If a student fails, no need to repeat if registered for additional credits
Competitions / Hackathons	Review 1 - 10 Marks	Review 2 – 40 Marks	Review 3 – 50 Marks	· · · · ·	50%	Needs to be repeated if the course is meant for Credit under CGPA or a different course may be opted for.
Comprehensio	Test 1 - 10 Marks	Test 2 – 20 Marks	Test 3 - 20 Marks		50%	- 1
Core / Elective (Theory) - Professional	Test 1 – 20 Marks	Test 2 – 20 Marks	Assignment / Term Paper – 10 Marks	SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	
Course-by- Consent	- 177	-	-	- 1	-	No credits
Course-on- Demand - Theory	Test 1 – 20 Marks	Test 2 – 20 Marks	Term Paper – 10 Marks	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum	If a student fails, no need to repeat if registered for

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Course Type	Continuous	Assessments a (Marks)	nd Weightage	Semester-End Examination (SEE) &	Eligibility for	Remarks
	Test1	Test 2	Assignment	Weightage (Marks)	"Pass" Grade	
					Score 45% in SEE	additional credits
Course-on- Demand – Lab	Mid-Term Assessment 1 - 20 Marks	Mid-Term Assessment 1 - 30 Marks		Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	If a student fails, no need to repeat, if registered for additional credits
Embedded / Layer Learning Course	Test 1 – 20 Marks	Test 2 – 20 Marks	Lab Test - 10 Marks	Theory SEE - 50 Marks (75%) Lab Exam - 50 Marks - (25%)	50% of the Total Score and Minimum Score 45% in SEE	In case of fail, both Lab and Theory need t be repeated
Field Study	Review 1 – 10 Marks	Review 2 – 20 Marks	Review 3 – 20 Marks	-03	50%	Individual Assessments
Immersion Programmes	Observation 1 - 20 Marks	Observation 2 - 30 Marks	- 7	201	50%	No need to redo in case, if a student fails
Independent Study	Review 1 – 10 Marks	Review 2 – 20 Marks	Review 3 - 20 Marks	Viva Voce - 30 Marks Report** - 10 Marks Paper Published (Journal) / Patent Filed - 10 Marks	50% of the Total Score and Minimum Score 45% in SEE	Rubrics to be approved by Academic Council
Industry- driven Course	Test 1 - 20 Marks	Test 2 – 20 Marks	Test 3 / Term Paper – 10 Marks	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	Final Evaluation to be conducted jointly.
Interdiscipli- nary Course	Test 1 - 20 Marks	Test 2 – 20 Marks	Test 3 / Term Paper – 10 Marks	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	Final Evaluation to be carried out jointly.
Internship				Presentation – 50% Report – 50%		Both Presentation & Report are essential for awarding Grade
Massive Open Online Course (MOOC)		-		Presentation – 100%		No need to repeat, if a candidate fails in the MOOC

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Course Type	Continuous	Assessments a	nd Weightage	Semester-End Examination (SEE) &	Eligibility for	Remarks
	Test 1	Test 2	Assignment	Weightage (Marks)	'Pass" Grade	
Mini-project	Review 1 – 10 Marks	Review 2 – 20 Marks	Review 3 – 20 Marks	-	50%	-
Open Elective – Technical	Test 1 – 20 Marks	Test 2 – 20 Marks	Term Paper – 10 Marks	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	If a student fails, he/she may subsequently choose different course.
Open Elective – Global	Review 1 – 10 Marks	Review 2 – 20 Marks	Review 3 – 20 Marks	23	50%	If a student fails, he/she may subsequently choose different course.
Partnered Course	Test 1 – 20 Marks	Test 2 – 20 Marks	Test 3 / Term Paper - 10 Marks	Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	Final Evaluation to be conducted jointly.
Protosem Courses	Review / Test 1 – 20 Marks	Review / Test 2 – 20 Marks	Review / Test 3 / Term Paper – 10 Marks	Report** – 50 Marks Mini-project** / SEE – 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	In case, if a student fails, he/she may opt for regular mode in subsequent Semester.
Self-Study Elective	Test 1 - 20 Marks	Test 2 – 20 Marks	Term Paper – 10 Marks	SEE - 50 Marks	50% of the Total Score and Minimum Score 45% in SEE	If a student fails, no need to repeat if registered for additional credits
Skill Courses	Test 1 – 50 Marks	-	-	-	50%	No need to redo in case, if a student fails
Technical Seminar	Presentation 1 - 20 Marks	Presentation 2 - 30 Marks	Report - 30 Marks and Presentation 3 - 20 Marks	-	50%	-
Universal Human Value	Test 1 – 10 Marks	Test 2 – 40 Marks	Test 3 – 50 Marks	-	50%	-

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Course Type	Continuous Assessments and Weightage (Marks)			Semester-End Examination (SEE) &	Eligibility for 'Pass'' Grade	Remarks
	Test 1	Test 2	Assignment	Weightage (Marks)	rass Graue	
Value Added Course	Test 1 - 10 Marks	Test 2 – 40 Marks	Test 3 – 50 Marks		50%	No need to redo in case, if a student fails

^{** -} Preferably softcopy of the full reports are expected from the students. Only abstracts may be submitted in the printed form.

Note:

 In case of assignments, softcopy shall be submitted in Simulation / programming / coding related subjects or subjects, where substantial written contents are not required.

 Number of Tests and Assignments may also be decided in the Class / Course Committee meeting, in addition to the above, with the approval of respective Board of Studies. However, common question paper shall be followed in the case

of SEE with common "eligibility for pass grade".

3. Wherever SEE has 50% weightage to secure 'Pass' Grade (except Collaborative Courses - Theory and Lab, Course-on-Demand - Theory and Lab, Industry Driven, Partnered Course and Protosem), Examination/Evaluation shall be conducted for 3 hours for 100 marks and marks secured by a student shall be converted into 50% for arriving at total marks along with CA marks. In the case of CA, assessment topics shall not exceed 50% of total syllabus and assessment duration shall not be more than 90 minutes.

4. In the case, if a student fails in the Self-Study Elective (under Total Minimum Credit), Partnered Courses, Open Elective (Global / Technical), Interdisciplinary Courses, Independent Study, Industry-Driven Courses, Independent Study, Competitions/Hackathons, Collaborative Courses (under credit), he / she may opt for a different course under

Professional / Open Electives and earn the required credits.

 In the case of Value Added Courses, Skill Courses, Self-study elective (non-credit, Non-CGPA), Partnered Courses, MOOC, Internship, Independent Study, Immersion Programme, Capsule Courses, the final grades shall be specified in the Grade Sheet only if the student secures "Pass" grade.

 In the case, if a student fails in Value Added Course, Skill Courses, MOOC, Immersion Programme and Capsule Courses, it is not mandatory to repeat / re-do the course. Status of 'fail' shall not be specified in the Grade Sheets.

7.1 Assignment as a part of Continuous Assessment is given to every student, which may be individual assignment or group assignment, mapped with one or more Outcomes of the Course registered. In general, one Assignment is given for every course as prescribed in the Table 7.1 (more assignments may be given after the discussion in Course / Class Committee Meeting), and Assignment topics are expected in the Cognitive Levels – Apply, Analyse, Evaluate and Create, and may be "beyond the syllabus but related to the syllabus and Course Outcomes". Feedback on Assignment, from the Members of Department Advisory Board (DAB) shall be obtained for continuous improvement.

7.2 Attendance, as per Section 3.8 is essential to appear in the both Continuous Assessments (CAT 1 and CAT 2) and Semester End Examination. However, in order to encourage the students' participation in the classroom discussions and activities, a student who secures the total attendance \geq 80% shall be rewarded with marks that can be added to the Continuous Assessment Marks, following the guidelines: securing 80% attendance – 1 mark, 85% attendance – 2 marks, 90% attendance – 3 marks, 95% attendance – 4 marks and 100% attendance – 5 marks. Nevertheless, the total continuous assessment marks including the marks awarded to the attendance shall not exceed 50 marks, under any circumstances.

7.3 Absolute Grading - In the case of Absolute Grading, Grading of a course will be carried out based on the total marks earned by a student and total mark is converted into grades as given below. However, for the

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purpose of reporting the performance (Grade Sheet) of a student in a course, Letter Grade, Grade Points will be awarded as per the range (of marks) given in the Table 7.2.

Table 7.2 Absolute Grading: Range of Marks - Letter Grade - Grade Point

S. No.	Range of Total Marks (%)	Letter Grade	Grade Points
1.	91 to 100	O (Outstanding)	10
2.	81 to 90	A+ (Excellent)	9
3.	71 to 80	A (Very Good)	8
4.	61 to 70	B+ (Good)	7
5.	56 to 60	B (Average)	6
6.	50 to 55	C (Satisfactory)	5
7.	<50	U (Re-appearance)	0 1
8.	Shortage of Attendance	RA-SA (Re-appearance due to shortage of attendance)	0
9.	Absent	RA-AB (Re-appearance due to absence)	0
10.	Withdrawal from Examination	w	0
11.	Audit Pass / Au	ıdit Fail (For Audit Courses)	- 1
12.	Satisfactory / Not Sati	isfactory (for Mandatory Non-Credit Courses)	-

7.4 Relative Grading System is followed based on the distribution of the marks secured by the students, considering mean and standard deviation of the marks. Grade Points and Letter Grades shall be awarded to the students, as given in the Table 7.3. Mark distribution of the regular batch (First Attempt) shall be followed to award the Credits and Grades in the case of Arrear Examinations conducted in the same Academic Year.

Table 7,3 Relative Grading: Letter Grade - Grade Point

S. No.	Letter Grade	Grade Points
1.	O (Outstanding)	10
2.	A+ (Excellent)	9
3.	A (Very Good)	8
4.	B+ (Good)	7
5.	B (Average)	6
6.	C (Satisfactory)	5
7.	U (Re-appearance)	0
8.	SA (Re-appearance due to shortage of attendance)	0
9.	AB (Re-appearance due to absence)	0
10.	W (Withdrawn from Examination)	0
11.	Audit Pass / Audit Fail (For Audit Courses)	-

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12. Satisfactory / Not Satisfactory (for Mandatory Non-Credit Courses)

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B" and "C". The Grade 'U', 'SA', 'AB' indicate that Reappearance is mandatory for that course concerned.

7.5 Grade Sheet and Consolidated Grade Sheet

After results are declared, Grade Sheets will be issued to each student, by the Controller of Examinations, with the following details. Separate Grade Sheets shall be issued in the case of Track Courses, at the end of every academic year.

- · Name of the Institution and Affiliating University
- Student Details with Photograph
- · Aadhaar Number of the Student
- · List of courses registered during the semester and the grades secured
- Semester Grade Point Average (SGPA) of the semester
- · Cumulative Grade Point Average (CGPA) of all courses enrolled and completed
- Total Credits earned till the current semester and remaining credits to be earned against Minimum Total Credits required for Awarding Degree

On completion of a semester, each student is assigned a Semester Grade Point Average and Cumulative Grade Point Average, computed as below for all courses registered for, by the student during that semester.

Semester / Cumulative Grade Point Average = $\frac{\sum (Ci \times GPi)}{\sum Ci}$

Where C_i is the Credit for a course in that semester and GP_i is the Grade Point earned by the student for that course. The SGPA / CGPA is rounded off to two decimals.

7.6 Grading System - Institute follows Relative Grading System for courses where the number of students appearing for the Assessments and Evaluations is more than 20. For courses where the number of students is less than or equal to 20, Absolute Grading System is followed.

7.7 Transcript and Consolidated Grade Sheet shall be issued to all the students, who successfully clear the Total Minimum Credits and become eligible for award of the Degree under the Programme in which he / she was admitted originally. Consolidated Grade Sheet shall include all the courses that are successfully completed, including all the Tracks / Specialisation.

7.8 Malpractice

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Code of Conduct, inside the Examination Venue is printed in the Answer Booklets issued to the students, which, every student is expected to read carefully and follow. Any malpractice(s) carried out during the examination shall be viewed and penal actions shall be taken as discussed previously in Section 3.16.

7.9 Arrear Course Registration and Retention of Continuous Assessment Marks

Once a 'U' grade is obtained in the End Semester Examination in a course, a student will have two options:

register for the Summer / Winter track, attend the classes, satisfy the minimum attendance requirements, re-earn the CAM and then appear for the SEE

(OR)

retain the CAM obtained during the regular semester and appear for the SEE

- Students who have standing arrears in more than one course shall have flexibility to register all
 / selected courses for appearing in the Arrear Examinations (SEE).
- iii. Continuous Assessment Marks earned by a student shall be valid for Regular and One More Appearance. After (1+1) attempt, the students shall appear for Assessments (as applicable) and earn Continuous Assessment Marks in that particular course.
- iv. If a student obtains an 'U' grade in a Mandatory Non-Credit Course, he / she will have to reregister and complete the same when it is offered again. In such cases, the continuous assessment marks shall be re-earned in the subsequent registration (previous marks shall become void).
- v. Grades are awarded only to the registered courses. In case, if a course has both theory and laboratory components, the grade is applicable for the course-as-the-whole and grades of individual components shall not be calculated.
- vi. If a student fails to submit Project Report / does not appear for the SEE / fails in the Semester End Examination (SEE) of Capstone Project Work, he/she is deemed to have failed and shall have to re-register for the same, when offered next.
- vii. In case of Internship, if a student obtains an 'U' grade, then the student in consultation with the Mentor / Head of the Department shall decide on re-registration or cancellation of such courses.
- iv. If a student, in a UG Programme, has completed 8 semesters (or 6 semesters in the case of lateral entry students) and has U' grade in any course(s), he / she can register or appear for arrear examination directly. In the case of PG, if a student has completed 4 semesters and has U' grade in any course(s), he / she can register or appear for arrear examination directly. If needed, such students can register summer / winter track courses (for UG only).

viii. If a student decides to drop-out from Honors / Minor / Micro / Nano Specialisation before

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completing the required credits, the credits earned in the earlier subjects shall be considered as Additional Credits and shall not be considered for the calculation of SGPA / CGPA.

ix. Student, who wishes to avail the credit equivalence on account of successful completion of (i) three one-credit course and seeking equivalence and exemption from the Professional / Open Elective, (ii) any other Courses offered by the Institution as a 'Credit' Course, the student shall submit the request to the Controller of Examinations and seek course exemption in the subsequent semester (Annexure 2).

7.10 Tests and Question Paper Pattern - Continuous Assessments

Every taught / guided course shall have tests and assignment as the components of continuous assessments as specified in Table 7.4. Continuous Assessment Test 1 shall be conducted when 50% of the syllabus content is delivered, as per the Lesson Plan. However syllabus may be decided in the Course Committee / Class Committee meeting and be approved by the Head of the Department in case of deviation.

Question Paper of Continuous Assessment Test shall have (i) relevant Course Outcomes, (ii) marks allotted for every Course Outcome, (iii) Cognitive Process (Level) based on Revised Bloom's Taxonomy, (iv) marks allotted for every cognitive level of Revised Bloom's Taxonomy, (v) other details including marks allotted to each question, duration of assessment, options / flexibilities available in each section of the question paper and (vi) duration of assessment shall be maximum 1 hour 30 minutes (90 minutes only).

In the case of Assessment on Demand, online / offline test may be conducted in presence (or proctoring) of course-handling faculty member. In such cases, question paper pattern shall be decided by the course handling faculty member and respective Head of the Department.

Suggested question paper pattern for the Continuous Assessment Test (CAT) is given below. However, the course handling faculty in consultation with the students (during First Course / Class Committee Meeting) may adopt different Question Paper Pattern, approved or ratified by respective Board of Studies (as specified in the Section – Academic and Curriculum Flexibility). Such approved Question Paper(s) shall have all the details listed above (i to v).

Table 7.4 Ouestion Paper Pattern - CATI and CAT-II

QP Pattern	1 Mark	2 Marks	5 Marks	10 Marks	Total Marks
A	-	5 (No Choice)	-	4 questions (Either / or)	
В	10 (No	5 (No Choice)	2	3 questions (Either / or)	50 Marks

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C	Any ot	ner Pattern approved / ratified by BoS	

Innovative methods in the assessments like surprise quiz, open book test and take-home-assessments may be introduced by the Head of the Department after (i) offering proper training to the faculty members, (ii) getting approval from the respective Board of Studies and (iii) discussing the same in the Course / Class Committee meeting.

7.11 Retest(s) shall be conducted for students, who were absent for CAT 1 or CAT 2 or any assessments planned as per "Assessment Options" (as specified in Section 5.3). Retests will be conducted, after CAT 2 and before SEE, as per schedule released by the Controller of Examinations, where student shall be given option to take retest against CAT 1 and / or CAT 2 or as specified in the "Assessment Options" with respective topics (Course Outcomes) as applicable. However, retests will also have the Question Paper Pattern as mentioned in the above Sections 7.8 and 7.10.

In the case of SEE, absence of a student shall be treated as discussed in the earlier Section.

7.12 Question Paper Pattern - Semester End Examination

Question Papers of SEE shall include questions related to all the Outcomes of the Course with marks proportionate to the contact hours allocated to each Course Outcome (out of total hours). Question Paper of SEE shall have (i) relevant Course Outcomes, (ii) marks allotted for every Course Outcome, (iii) Cognitive Process (Level) based on Revised Bloom's Taxonomy, (iv) marks allotted for every cognitive level (Revised Bloom's Taxonomy) (v) data / data sheet required for solving questions and (vi) other details including marks allotted to each question and sub-division, duration of examination, options / flexibilities available in each section of the question paper. Duration of Semester End Examination shall not be more than 3 hours (180 min) in the case of theory papers.

Table 7.5 Ouestion Paper Pattern - Semester End Examinations

QP Pattern	1 mark	2 marks	4 marks	10 marks	12 marks	16 marks	Total Marks
1).	10 (No Choice)	5 (No Choice)		5 questions (Either / or)	-	100
В	10 (No Choice)		10 (No Choice)	5 questions (Either / or)	-	-	100
С		10 (No Choice)	-	-		5 questions (Either / or)	100

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8.0 Student Support Systems

Student Support Systems of Kumaraguru College of Technology strive to enhance the learning experience of students and improve the learning outcomes. These support systems effectively engage the students in the form of extra / co-curricular and additional activities thereby enhance the transferable skills of the students and offer credit / audit-based courses, approved by the Board of Studies and Academic Council. Support Systems that are entitled to offer such courses include:

- 1. Centre for Career Empowerment and Entrepreneurship Development (CEED)
- 2. Centre(s) of Excellence Established with defined objectives
- 3. Centre for Human Excellence (including Vivekananda and Mahatma Study Centre)
- 4. Counselling Academic and Career
- 5. Counselling for Emotional Wellbeing (YourDost)
- 6. Department of Academics (DoA)
- 7. Forge Incubator
- 8. Intellectual Property Cell
- 9. Centre for Industrial Research and Innovation (KCIRI)
- Centre for Artificial Intelligence and Robotics (KCAIR)
- 11. Centre for Renewable Energy and E-Vehicle
- 12. Chapters of Professional Bodies
- 13. Learning and Development Academy (KLDA)
- Kumaraguru Group Institutions (Institute of Agriculture, Liberal Arts and Science & Sakthi Excellence Academy)
- 15. Microcosm
- 16. NM Tamil Research Centre
- 17. Office of Controller of Examinations
- 18. Office of Students Affairs Clubs and Forums
- 19. Physical Education (Sports, Games and Kraft)
- 20. Placement (including Deferred Placement)
- 21. Re-iQube-Garage (RiG)

Courses offered by these Support Systems will adhere to (i) Category of Courses with relevant L-T-P pattern and credit loads, as specified in the Section 3.9, (ii) Assessment and Evaluation recommended for respective category, vide Section 7.0 scheduled and organized by the Office of Controller of Examinations, with other eligibility criteria including (iii) attendance and (iv) pre-requisites. Based on the approval given by the Board of Studies / Academic Council, such courses may be considered for the calculation of CGPA or considered as additional credits.

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Annexure 1

S. No.	Committee Name	Composition	General Agenda for Discussion
1.	Academic Audit Team - External	Faculty from University + Faculty Member from Other Autonomous Institution + Expert Member with QMS Experience (certified internal auditor)	As per IQAC guidelines
2.	Academic Audit Team - Internal	Professor / Associate Professor + 2 Assistant Professors	As per IQAC guidelines
3.	Academic Consultative Committee	Principal + Head – Do A + CoE + HoDs	Approve/Reject - (i) Break-of-study, (ii) Extended Track, (iii) Credit Equivalence to NCC / NSS / Camp Based Courses Analyse - (i) MoM of Class/ Course Committee Meeting, (ii) Feedback on Course Delivery, (ii) CAM and SEE results
4.	Committee to Study and Provide Credit Equivalence to Re- admitted / Transferred Students under different Regulations	Head of the Department (relevant to candidate) + Senior Faculty Member of the Dept (not less than ASP) + Heads of Service Departments - relevant to courses completed by the candidate + CoE or DCoE + Subject Matter Experts + Candidate (if necessary)	Consider courses completed and provide (i) Credit Equivalence, (ii) Course Exemption, (iii) Additional Courses to be pursued
5.	Class Committee	All teachers handling courses of a particular semester + 4 to 6 student representatives from the class + One Faculty Member as Chairperson nominated by DoA	(i) Action Taken on Previous Meet, (ii) Progress of individual Courses, (iii) Decide the content for CA, (iv) Assessment Option, if proposed, (v) QP Pattern for CAT 1 / CAT 2, (vi) Assignment Type, (vii) CO attainment of CAT & Assignments
6.	Course Committee	All the faculty members teaching the course (one faculty nominated by Do A as Course Coordinator) + One student representative from each section / branch	(i) Action Taken on Previous Meet, (ii) Progress of individual Section, (iii) Decide content for CA, (iv) Assessment Option, if proposed, (v) QP Pattern for CAT 1 / CAT 2, (vi) Assignment Type, (vii) QP Setter for CA, (viii) CO attainment
7.	Department Consultative Committee	Head of Department + 2 / 3 Faculty Members from different Cadres (One Coordinator)	(i) Approve the change in Open / Professional Elective (ii) Monitor performance of students in CA / SEE and Attendance (iii) Convene Parents' Meeting
8.	Department Examination Committee	Head of the Department + 2 / 3 Faculty Members from different Cadres (One Coordinator)	(i)Approve attendance relaxation for LC Members / Special Cases, Ensure (ii) CAT / Assignment as per Academic Calendar and (iii) Submission of CAM to CoE (iv) Propose Credit Equivalence requirements to BoS
9.	Discipline and Welfare Committee	As per University Guidelines	As per the needs
10.	Examination and Evaluation Committee	CoE + DCoE + One Faculty Member (Not less than ASP Cadre) + 2 DEC Members (different Departments) + Member from Malpractice Prevention Committee One Student Representative - UG & PG each (if required)	As defined in Examination and Evaluation Policy
11.	Student Grievance Redressal Committee	As per AICTE Guidelines	As per the needs

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Annexure II

& No	Forms / Applications for Facilitating Teaching-Learning and Assessment-Evaluation S. No. Description / Purpose			
3. 140.	Form	Description/Purpose		
1.	Duplicate / Additional Grade Sheet	If grade sheets are damaged / lost / additional grade sheets are required for higher studies		
2.	Duplicate Transfer Certificate	If Transfer Certificate is damaged / lost		
3.	Duplicate Transcript / Additional Transcripts	Additional transcripts required for higher studies		
4.	Application for Medium of Study	Certificate required for higher studies		
5.	Conversion of GPA into % Marks	Certificate required for higher studies / Employment purpose		
6.	Application for Revaluation	Revaluation of SEE Answer Papers (only for theory courses)		
7.	Assessment on Demand	If unable attend the CAT 1 / CAT 2 as per the schedule and would like to take it within the specified period (dates)		
8.	Assessment Option Form	Proposal for different assessment method than that specified in the Regulation 2023		
9.	Course Withdrawal Form	Unable to complete / study the course and need more preparations		
10.	Examination Withdrawal Form	Unable to appear for the SEE due to various reasons		
11.	Request for Online Assessment Form	If unable to attend the CAT 1 / CAT 2 as per the schedule and would like to take it within the specified period (dates)		
12.	Request for Scribe	If unable to write the continuous assessments / SEE due to injuries / health conditions		
13.	Credit Equivalence Form - One Credit Courses	To get credit equivalence in place of 3 one-credit courses completed and exemption from one PE / OE		
14.	Change of Elective – Professional / Open Electives	In case if a student is unable to complete the Professional Elective / Open Elective and wants to change		
15.	Credit Equivalence / Transfer Form	Transfer of credits earned somewhere else (as specified in the Regulations)		
16.	Feedback form - Parents' Meeting	Parents' Meeting		
17.	Flexi-Credit System	Request to add the Additional Credits Earned in the calculation of SGP A and CGP A		
18.	Internship Request Form	To gain hands-on experience		
19.	Minutes of Meeting - Class Committee / Course Committee / DCC / DEC / ACC	To draw decisions based on students' requirements		

Annexure III

Academic	/ Curricular	Activities	and Timelines
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S. No.	Activity	Timeline
1.	Releasing of Academic Calendar	At least 2 weeks before the beginning of Academia Year
2.	Releasing of Examination Calendar	To be released jointly with Academic Calendar
3.	Course Committee Meeting	Three meetings as specified in Regulations
4	Class Committee Meeting	Two meetings as specified in Regulations
5.	Releasing and Display of Course / Class Committee Meeting Minutes	Three days after conducting the meeting
6.	Plan for Bootcamp	At least 10 days before inauguration
7.	Issuing Duplicate Grade Sheet	Seven days from the date of application
8.	Issuing Duplicate Transfer Certificate	Three days from the date of application
9.	Duplicate / Additional Transcripts	Seven days from the date of application
10.	Display of the gaps in PO/PSO attainment and remedial actions suggested	One week after DAB Meeting
11.	Certificate of Medium of Study	One day from the date of application
12.	Parents' Meeting	At least once in a Semester
13.	Submission of Students' participation in Extra and Co-curricular activities by Mentors to CoE	Two weeks before commencement of Semester II Examinations

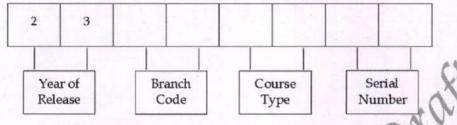
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14.	Certificate of % Marks Scored and Conversion of GPA into % Marks	Ten days from the date of application	
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Guidelines

G1. Course Code Allocation



Branch Code	Course Type / Category	
Under Graduation	Audit Course (AC)	
Aeronautical Engineering (AE)	2 Capsule Course (CC)	
Artificial Intelligence and Data Science (AD)	3. Capstone Project (CP)	
3. Automobile Engineering (AU)	4. Collaborative Course (CL)	
Biotechnology (UB)	5. Competitions / Hackathons (CK)	
5. Civil Engineering (CE)	6. Comprehension (CM)	
6. Computer Science and Engineering (CS)	7. Core (PC)/ Elective (PE)	
7. Electrical and Electronics Engineering (EE)	& Course-on-Demand (CD)	
3. Electronics and Communication (EC)	9. Course-by-Consent (CS)	
Electronics and Instrumentation (EI)	10. Delivery-at-Industry (DI)	
10. Fashion Technology (FT)	11. Edge Courses (EC)	
11. Information Technology (IT)	12. Embedded/Layer Learning Course (EC)	
2. Mechatronics Engineering (MC)	13. Fractal Course (FC)	
3. Mechanical Engineering (ME)	14. Field Study (FS)	
4. Textile Technology (TT)	15. Independent Study (IS)	
0,	16. Industry-driven Course (ID)	
Post-Graduation	17. Interdisciplinary Course (IC)	
Apparel Technology (AT)	18. Internship (IN)	
16. Biotechnology (PB)	19. Language Electives (LE)	
17. Communication Systems (CO)	20. Massive Open Online Course (MC)	
Computer Science and Engineering (CE)	21. Mini-project (MP)	
19. Construction Management (CM)	22. One Credit Course (OC)	
20. Data Science (DS)	23. Open Electives – Technical (OT)	
21. Defense Technology (DT)	24. Open Electives - Global (OG)	
22. Embedded System (ES)	25. Partnered Courses (PT)	
23. Environmental Engineering (EN)	26. Protosem (PS)	
24. Industrial Engineering (IE)	27. Self-Study Electives (SS)	
25. Structural Engineering (SE)	28. Skill Courses (SK)	
26. Technology Management (TM)	29. Technical Seminar (TS)	
	30. Value Added Courses (VA)	
Common Courses	31. Workshops (WS)	
27. Physics (PH)		
28. Chemistry (CH)		
29. Mathematics (MA)		

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30. Languages (LN)	Note. If a Core / Elective falls under PT, PS, ID,		
31. Support Services Offered (SS)	FS, EC, DI then these prefixes shall be used instead of PC / PE.		

G2. Courses Related to Different Tracks

Edge Courses	ate Programmes Immersion Track		
Biology for Engineers	Social Immersion Project		
and the second of the second o	National (Cultural / Technical) Immersion		
0	3. International (Cultural / Technical)		
3. Ethics	Immersion		
4. Indian Constitution			
5. IPR Fundamentals	(1)		
6. Research Ethics	- W N . 3		
7. Start-up Fundamentals			
Extra & Co-curricular Activities	Innovation Track		
1. NSS	1. Engineering Sprints		
2. NCC	2. Innovation Sprints		
3. Sports	3. Design Sprints		
Clubs - Management / Personal / Social / Technical	4. Ideation Sprints.		
Family Business / Start-up / Entrepreneurship Track	Internship		
17-20 Te 11 ET 22 Te 21 ET 27 TE	 Intra-Campus Academic Internship 		
	Intra-Campus Administrative Internship		
	3. Industry Internship		
	4. Research Internship		
• (5. International Internship		
Honors Track (General / Stream Specific)	Management Courses		
XV	Financial Management		
Courses recommended by the Departments only	2. Industrial Economics		
	Project Management		
11/	4. Total Quality Management		
Human Values and Humanities Courses	Minor/Micro/Nano Specialisation		
Universal Human Values I			
2. Universal Human Values II	Courses recommended by the Departments only.		
3. Anthropology			
4. Psychology			
5. Indian Knowledge System			
6. Tarrizhar Marabhu			
Induction Programme	Personality Development Courses		
Contents Recommended by Student Support Systems,	,		
Heads of the Departments and Head - SFS			
SDG Trac	k Courses		
Cities and the Challenges of SD	Climate Change Science and Negotiation		
2. Climate Action - Solution for Changing Planet	2. Environmental Security and Sustaining Peace		
3. Climate Change-The Science and Global Impact	3. Feeding A Hungry Planet		
4. Ecosystem Based Adaptation	4. How to achieve SDGs?		
	5. Living Heritage and Sustainable Developments		
5. Global Public Health	Living Heritage and Sustainable Developments		
5. Global Public Health	Measuring Sustainable Development Measuring Sustainable Development		
5. Global Public Health	E 9		
5. Global Public Health 6. Human Rights, Human Wrongs	Measuring Sustainable Development Nature Based Solution for Disaster and Climate		
Global Public Health Human Rights, Human Wrongs Natural Resources for Sustainable Development	Measuring Sustainable Development Nature Based Solution for Disaster and Climate		

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(ii) Postgrae	tuate Pro	grammes
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Advance Level Courses in Science	Advance Level Courses in Engineering/
	Technology
1. Mathematics 2. Physics 3. Chemistry 4. Biology 5. Statistics	1. Emerging Trends in Technology (AI, Blockchain, Cyber Security & Data Science) 2. Smart Manufacturing 3. Energy Engineering 4. Robotics and Automation
Edge Courses	Immersion Track
Biology for Engineers Design Thinking IPR Fundamentals Start-up Fundamentals	Social Immersion Project National / International (Cultural / Technical) Immersion
Innovation Track Engineering and Innovation Sprints	Internship 1. Industry Internship 2. Research Internship 3. International Internship
Induction Programme Contents Recommended by Student Support Systems, Heads of the Departments and PG Coordinators	Management Courses 1. Financial Management 2. Project Management 3. Total Quality Management
Nano Specialis ation Courses recommended by the Departments only.	Personality Development Programmes 1. NSS / NCC (If vacancy available) 2. Sports 3. Clubs and Forums
SDG	Track
Cities and the Challenges of SD	Climate Change Science and Negotiation
2. Climate Action - Solution for Changing Planet	2. Environmental Security and Sustaining Peace
3. Climate Change-The Science and Global Impact	3. Feeding A Hungry Planet
4. Ecosystem Based Adaptation	4. How to achieve SDGs?
5. Global Public Health	Living Heritage and Sustainable Developments
6. Human Rights, Human Wrongs	Measuring Sustainable Development
7. Natural Resources for Sustainable Development	7. Nature Based Solution for Disaster and Climate
8. One Planet, One Ocean	Planetary Boundaries and Human Opportunities
Tech for Good: The Role of ICT in Achieving the SDGs	9. Sustainable Cities
10. The Age of Sustainable Development	10. Work and Employment for Sustainable Future
11. Water. Addressing the Global Crisis	

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G3. Guidelines for Organising Hackathons

	(for subr	nitt	ing to BoS for Approval)
1.	Name of the Proposing Department(s) / Centre(s)	:	
2.	Name of the Coordinator(s)	:	
3.	Target Audience / Beneficiary	:	Industry / NGO / Ministry / Societal Needs: (Specify)
4.	Purpose of Hackathon	:	
5.	Objectives	:	CX.
6.	Type of Hackathon	:	Software / Hardware / Others (Specify):
7.	Nature of Hackathon	:	Intra-Institutional / State-Level / National-Level
8.	Mode	:	Online / Physical Mode / Hybrid Mode
9.	Total Duration	:	
10.	Relevant Board of Studies (for approval)	:	
11.	Name of the BoS Coordinator	:	h
12.	Date of Submission	:	
	Preli	min	ary Work Carried out
13.	Collaborators and Partners for Organising (Institution/Industry)	:	20
14.	Sponsor(s)	:	
15.	Venue	:	. 6
16.	Number of Problem Statements (Enclose the Statements)	:	
17.	List of Problem Statements	X	70.
18.	Mapping with Programme Outcomes	:	
19.	Expert Team for Approving / Validating Problem Statements	:	
20.	Date of Initial Communication (At least 15 days before the event)	:	
21.	least o Members)	:	
4		Re	lated to the Outcomes
22.	vvinners	:	
23.	rarucipants	:	
	Ownership of IPs Generated	:	
25	Incubation Support		

Note: Hackathon may also be named as Code-athon, Datathon, HackFest, HackDay

Name and Signature of the Proposer

Chairperson - Board of Studies

Date of Approval / Ratification:/

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G4. Guidelines for Internship

(Based on AICTE Internship Policy)

Need for Internship

Interaction of Technical Institutions with the industries has been restricted to the level of faculty communications, industrial visits by the students, interaction of experts in the form of lectures and limited contribution in designing the curriculum, generally. Nevertheless, higher scope exists to improve the interactions with the industries in many other ways, including Internships to students and faculty members. Statutory Bodies like AICTE, Anna University emphasise internship as a part of the Degree Program, with additional credits. Main aim of the Kumaraguru Student Internship Policy (K-SIP) is to enhancement of the experiential learning, analytical abilities and thereby learning outcomes of the students, by providing suitable opportunities during the entire learning period.

Objectives

Internships are educational and career development opportunities, providing short-term practical experience in a field or discipline provided under supervision / mentoring. The internship is expected to be meaningful and mutually beneficial to the interns and KCT with the following objectives.

- Provide exposure to the practical / industrial environments which may be difficult in the classrooms
- Provide possible opportunities to learn, understand and sharpen the real time technical / managerial skills / engineer's responsibilities and ethics
- Exposure to current technological developments
- Learn to apply the technical knowledge in real industrial situations
- · Gain experience in writing Technical reports/projects
- · Expose the students to future employers and improve the interpersonal skills

Internship and Academic Credits

The following framework gives academic credit for internship undergone by students as part of the programme.

- Internship may be undertaken in Centres / Departments / Support Systems of Kumaraguru Institutions / other institutions (not below the rank of Kumaraguru), NGOs / Central / State Government Laboratories / Industries / Start-ups, under the mentoring of individual experts (freelancers) within the country or abroad. However, a student will make judicious attempts to seek experience from various sources instead of relying on single source.
- Academic Credits, Evaluation of Internship and Grades will be followed as given in the Regulations 2023.
- Experiential Learning / Internship undertaken by a student, as a part of his Phase I Project /
 Capstone Project for which credits are given separately, shall not be eligible for Internship
 Track. And total duration internship shall be completed before the beginning of VIII Semester

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Semester-End Examinations and any training / internship undertaken after that shall not be considered calculation of Credits.

Internships may be full-time or part-time in the summer vacation and part-time during the
academic sessions. Internship may be physical mode / blended mode / online mode as per
the terms and conditions of the internship providers. Departments shall have the flexibility to
schedule internship, according to the availability of opportunities. Suggestions for Internship
and credits are as follows:

Semester	Internship Possibilities
II and III	Training with HEIs; Contributions at innovation / entrepreneurship centres; Learning at Departmental Lab/ Institutional workshops; Working for consultancy/ research projects within KI and Participation in the activities of Institute's Innovation Council - IPR workshop/Leadership Talks / Idea/ Design/ Innovation/ Business Competition
IV to VII	Industrial / Govt. / NGO / MSME / Rural Internship / Innovation / Entrepreneurship to make themselves ready for the industry or work on innovation or entrepreneurial activities resulting in start-up
II to VII	Activities related to Government Schemes that may include Ek Bharath Shresta Bharath, Unnat Bharath Abhiyan, Digital India, Skill India, Swachh Bharat, Village Adoption, Co-create / develop local products / technology, activities related to revival of ancient knowledge systems, improve education quality in village, the village Income, Water Management system, health parameters of villagers, Low Cost Sanitation facilities, Local Tourism through Innovative Approaches and any other activities with the approval of the Head of the Department

A minimum of 18 credits of Internship shall be counted toward B. Tech. degree programme with Additional Track in *Internship and Experiential Learning*. A student who earns credits less than 18 credits, such credits shall be awarded as "Additional Credits" in the Grade Sheet.

Internship Process

Head of the Department, internship Coordinator of the Department, Placement Office shall assist students to develop/clarify their academic and career interests, and their short and long-term goals. Heads of the Departments / Centre Heads / Support systems / Laboratory In-charge / Faculty Members executing consultancy assignments or Funded Projects or other Research Works may float the topics for internships through Department of Academics (DoA) or CEED, at least 4 weeks before the vacation period. After collecting the interests of students, same shall be sent to concerned Faculty Members for implementation.

In case of Internship with external agencies, (a) the request to identify suitable agencies may be submitted to HoD / Placement Officer / Mentor or (b) student may find the internship provider on his / her own through various means (online / offline). On getting the approval, the same shall be communicated to the

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In to assist students for industrial training at the end of fourth and sixth semester, DoA / CEED will design and implement internal classes, Personality Development Courses, Improve Communication Skills, prepare students for Resume Preparation and Email Writing, Group Discussion, Interview Skills, Aptitude Training & Practice Tests, Technical report writing and presentation skills.

Internship Period and Announcements

DoA / Training and Placement shall have the calendar to announce the internships during the vacation and / or as and when the offers are received. Depending upon the Academic Activities (as published in the Academic Calendar), the students may undertake such internships. Both Academic Departments and DoA / Training and Placement shall maintain the details of students who undergo internships, their assessments and evaluation, and send it to CoE for awarding Credits and Grade Sheets.

(a) Institutional Internships from Group Institutions, disseminated and processed by Do A. Information related to Institution, Centre / Department / Support System, duration, stipend provided (if any), working hours, responsibilities and related benefits will be communicated to the students in advance. On receiving the applications, suitable scrutiny will be done and shortlisted candidates will be announced within one week. Students who are selected for the Internship shall report to the concerned Head and understand the requirements. However, if a student fails to accept / undergo the Internship after selection without valid reason, he / she shall not be considered for Internships, in future.

Person responsible to supervise the interns shall ensure (i) Orientation of Interns with Objectives of the Internship, (ii) Resource requirement of Interns, (iii) Guidance/ Regular Feedback, (iv) Monitoring of intern's progress and (v) Issuing Internship Certificate.

(b) Training and Placement of CEED will collect the internship requirements from the industries and circulate the same through DoA with relevant details. Information will be communicated to the students through the respective Department Heads and Coordinators with last date for submitting the application. On receiving the applications, suitable scrutiny will be done, with reference to terms and conditions given by the industries, and shortlisted candidates will be announced within one week. Students who are selected for Internship shall report to concerned Training and Placement (incharge) and subsequently to SPoC of the Industry. However, if a student fails to accept / undergo Internship after selection, he / she shall not be considered for Internships, in future.

Exemption from Internship

Internship is Mandatory for all the UG students of Engineering and Technology, however exemption may be given under following circumstances, (i) if a student is a differently abled student and will not be able to work in the intended work-place or (ii) a student who voluntarily gives in writing that he / she does not require placement assistance from the Institute would be exempted from participation in

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the placement activities or (iii) a student who voluntarily gives in writing that he / she will join the family business or opting for higher education or competitive examination. In such cases, the student will submit the request to DoA for the exemption from the Internship Track.

Internship Report

During the period of internship, every student is expected to maintain the daily attendance and daily-log / reflection journal to record his / her observations / impressions / suggestions that may be presented during internal or SEE presentation. Internship Supervisor(s) allotted to the Interns shall visit the internship venue (industry or other locations, if it is within the State of Tamil Nadu) at least once in a month, discuss with the SPoC and the progress of the Interns (students). During the discussion, the Supervisor(s) will identify the possibilities for joint Publications / IPs / Generic Reports that may be presented in Conferences and encourage the students to accomplish such outcomes. Internship Report, expected to be submitted after internship period, shall include the following

- 1. Internship Title
- 2. Internship Provider
- 3. Internship Mentor
- 4. Job description/internship duties.
- 5. Internship Schedule and Learning outcomes.
- 6. Reflection Journal / Daily-log of Activities
- 7. Relevant Layout / Drawing / Coding
- 8. Scope for further work (during next semester / by next batch of students)
- 9. Intellectual Outcomes Publication / Conference Proceedings / Patents / Funding Proposal
- 10. Internship Certificate

Assessment and Evaluation of Internship Activities

On completion of the Internship, in order to avail the academic credits, a student needs to present himself / herself for assessment and evaluation, as given below.

Committee	Evaluation	Score	Grade
Mentor, Two Subject Experts (appointed by CoE)	Report: Originality (10 Marks) Certificate from Internship Provider (10 Marks) Adequacy and purposeful write-up (15 Marks) Organization, format, language (15 Marks) Viva Voce / Presentation Relevance of learning experience (25 Marks) Practical applications, relationships with basic theory / concepts taught in the course (25 Marks)	0 to 100	Based on Absolute Grading

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Kumaraguru College of Technology Curriculum - Undergraduate Programmes

Semester I

Course Category	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Engineering Science		Algorithmic Thinking	2-0-2	3	50	50	
Basic Engineering		Basic Engineering I	2-0-2	3	50	50	
Basic Science		Environmental Science	2-0-2	3	50	50	
Basic Science		Mathematics	3-0-1	4	50	50	,
Basic Science		Physics	2-0-2	3	50	50	V
Humanity and Social Sciences		Language Elective I	2-0-2	3	50	30	~
Basic Sciences		Fundamentals of Technical Writing	0-0-2	1	50	50	
70.79 (2.12)		Fundamentals of Computing*	1-0-2	2	50	50	
	Total	Credits		1	20		A = 1
		Track Courses	0	10			
Edge Course		Edge Course I	1-1-0	2	50		
Family Business		Optional Track	10				
Human Values		Universal Human Value I	1-0-0	1	50	-	100
Induction Program		Boot Camp	-	-	-	2	T dro
Innovation		Engineering Sprints	1-0-0	1	50	-	
Internship		Internship (Optional)					
Personality Dev. Courses		NSS / NCC / Sports		40 H	ours		
SDG		SDG Course I (Credit Transfer)	1-0-0	1	-	-	

^{* -} only for students from Biology Stream in 10+2

Semester II

Category & Type of Course	Code Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Basic Engineering	,	Basic Engineering II & III	1-0-2	4	50	50	
Engineering Science		C Programming	2-0-2	3	50	50	
Basic Science		Chemistry	2-0-2	- 3	50	50	
Basic Science		Mathematics II & III	2-0-0	4	50	50	
Basic Science		Physics II	2-0-2	3	50	50	
Humanity and Social Sciences		Language Elective II	2-0-2	3	50	50	
7	To	tal Credits			2	20	
		Track Courses					
Edge Course		Edge Course II	1-1-0	2	50	-	
Family Business		Optional Track				1000	
Human Values		Universal Human Value II	2-1-0	3	50	-	
Innovation		Innovation Sprints	1-0-0	1	50	-	
Internship		Internship (Optional)					
Personality Dev. Courses		NSS / NCC / Sports / Clubs	-	-	-	-	

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	the state of the s			4		
SDG	SDG Course II (Credit Transfer)	1-0-0	1	-	-	Titols

Semester III

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Engineering Science		Programming Course	2-0-2	3	50	50	
Basic Engineering		Emerging Technologies	2-0-2	3	50	50	
Basic Science		Mathematics IV & V	2-0-0	2	50	50	
Professional Core I				3	50	50	-
Professional Core II				3	50	50	
Professional Core		Laboratory Course	0-0-2	1	50	50 4	4
Professional Core			0-0-2	1	50	50	V
Management Core		Total Quality Management	2-0-0	2	50	750	7
Humanity and Social Science		HSS Elective (Lateral Entry Only)	2-0-0	2	50	50	
	To	tal Credits		-	1) 2	20	
		Track Courses		0	1		
Edge Course		Edge Course Elective	1-1-0	2	50	50	
Family Business	15.0	Optional Track	0	1			
Honors Track		General/Stream Specific (Optional)	1	3	50	50	
Human Values		Universal Human Value II	2-1-0	3	50	-	
Innovation Track		Design Sprints	1-0-0	1	50		11
Internship Track		Internship (Optional)				- 40	
Minor/Micro/Nano Specialisation		Stream Specific (Optional)		3	50	50	
Personality Dev. Courses		NSS / NCC / Sports / Clubs	-	-			
SDG Track		SDG Course III (Credit Transfer)	1-0-0	1	2	-	

Semester IV

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Engineering Science	AA	~	2-0-2	3	50	50	
Basic Science / Engineering Science			2-0-2	3	50	50	
Professional Core IV			2-0-2	3	50	50	
Professional Core V			3-0-0	3	50	50	
Professional Core VI				3			
Professional Core		Laboratory Course	0-0-2	1			
Professional Core		Laboratory Course	0-0-2	1			
Professional Core		Technical Seminar	0-0-2	1			
Management Core		Elective I	2-0-0	2	50	50	-
	Total	Credits		3	20		
		Track Courses					
Edge Course		Edge Course IV	1-1-0	2	50	-	
Family Business		Optional Track					
Honors Track		General/Stream Specific (Optional)		3	50	50	
Innovation Track	3 5/16	Ideation Sprints	1-0-0	1	50	-	
Internship Track		Internship (Mandatory)					

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Minor/Micro/ Nano Specialisation	Elective II		3	50	50	
Immersion Track	Stream Specific (Optional)	-	-	-	-	

Semester V

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Professional Core VI			3-0-0	3	50	50	
Professional Core VII			3-0-0	3			
Professional Core VIII			3-0-0	3	50	50	
Professional Elective I			3-0-0	3	50	50	V
Open Elective I		U- 12 10 10 10 10 10 10 10 10 10 10 10 10 10		2		2	1
Professional Core		Laboratory Course	0-0-2	1	- A	a	
Professional Core		Laboratory Course	0-0-2	1/	13	/	
Professional Core		Mini-Project	0-0-4	2	50	50	9.0
Management Core		Elective II	2-0-0	2	50	50	
	Total C	redits	-	1	20		
		Track Courses	0	1			
Edge Course		Edge Course V	1-1-0	2	50	-	
Family Business	177	Optional Track	1				
Honors Track		General/Stream Specific (Optional)		3	50	50	
Internship Track		Internship (Mandatory)					
Minor/Micro/ Nano Specialisation		Stream Specific (Optional)		3	50	50	V.
Immersion Track		Optional	+	-	-	-	

Semester VI

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Professional Core IX	AAA	7	3-0-0	4	50	50	
Professional Core X			3-0-0	3			
Professional Elective II				3	50	50	
Professional Elective				3	50	50	
Open Elective II			18/18	2	15		
Professional Core		Laboratory Course	0-0-2	1	50	50	
Professional Core		Laboratory Course	0-0-2	1	50	50	
Capstone Project		Phase I	0-0-6	3	50	50	
	Total Ci	redits			20		
		Track Courses					
Audit Course		Comprehension	1-1-0	2	50	-	
Family Business		Optional Track					
Honors Track		General/Stream Specific (Optional)		3	50	50	
Internship Track		Internship (Optional)			2		

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Minor/Micro/ Nano Specialisation	Stream Specific (Optional)		3	50	50	
Immersion Track	Optional	-	-	-	-	

Semester VII

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Professional Core XI			3-0-0	3	50	50	EG.
Professional Elective IV			3-0-0	3	50	50	,
Professional Elective V	196		3-0-0	3	50	50	-
Professional Elective VI			3-0-0	3	50	60	
Capstone Project		Phase II		12.	50	50	
	Total (Credits			24		
		Track Courses	-	()	-		
Edge Course		Edge Course IV	1-1-0	2	50	-	
Family Business		Optional Track	0				
Honors Track	*	General/Stream Specific (Optional)	12	3	50	50	
Internship Track		Internship (Optional)	100				191
Minor/Micro/Nano Specialisation		Stream Specific (Optional)		3	50	50	
Immersion Track		Optional A	-	-	-	-	

Semester VIII

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Professional Core XII	A	1	3-0-0	3	50	50	
Professional Elective VII	~~		3-0-0	3	50	50	
Professional Elective VIII			3-0-0	3	50	50	
Professional Elective IX			3-0-0	3	50	50	
Professional Elective X			3-0-0	3	50	50	
Professional Core	-	Technical Seminar II	0-0-2	1	50	50	
-	Total (Credits			16		
		Track Courses				7	
Family Business		Optional Track					
Honors Track		General/Stream Specific (Optional)		3	50	50	
Internship Track		Internship (Optional)					
Minor/Micro/Nano Specialisation		Stream Specific (Optional)		3	50	50	

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Curriculum - Postgraduate Programmes Semester I

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Engineering Science		Advance Level Course (Maths / Physics / Chemistry / Biology)	2-0-0	2	50	50	
Emerging Topics in Tech / Engg		Advance Level Course (Refer the List)	2-0-0	2	50	50	
Professional Core		Professional Core I	4-0-0	4	50	50	1500
Professional Core		Professional Core II	3-0-2	4	50	50	
Professional Core		Professional Core III	3-0-0	3	50	50	-
Professional Core (Common Course to All)		Research Methodology	2-0-0	2	50	50	
Emp. Enh. Course		Term Paper with Technical Seminar	1-0-0	OL.	50	50	
Professional Core		Professional Core Laboratory	1-0-0	N	50	50	
	Total C	redits	1	1	19		
		Track Courses	1		N CONTRACTOR		
Edge Course		Edge Course I	1-1-0	2	50	-	100
Induction Program		Mandatory (Additional Credit)	1-0-0	1	50		
Internship Track		Internship (Optional)					
Pers. Dev Courses		Optional (Additional Credits)	1-0-0	1	50	-	
SDG Courses		Mandatory ((Credit Transfer))	1-0-0	1	-	-	

Semester II

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Engineering Science	100	Advance Level Course (Maths / Physics / Chemistry / Biology)	2-0-0	2	50	50	
Emerging Topics in Tech / Engg		Advance Level Course (Refer the List)	2-0-0	2	50	50	Paris I
Professional Core		Professional Core IV	3-0-0	3	50	50	
Professional Core		Professional Core V	3-0-0	3	50	50	
Professional Core		Professional Core VI	3-0-0	3	50	50	
Professional Elective		Professional Elective I	3-0-0	3	50	50	
Open Elective		Open Elective (Technical)	3-0-0	3	50	50	
Emp. Enh. Course		Mini-Project	1-0-0	1	50	50	
Professional Core		Professional Core Laboratory	1-0-0	1	50	50	
	Total C	redits			21		
		Track Courses		5 7 7	150		
Edge Course		Edge Course II	1-1-0	2	50	-	
Internship Track		Internship (Optional)					
Immersion Track		Optional					
Nano Specialisation		Optional	3-0-0	3	50	50	
Pers. Dev Courses		Optional (Additional Credits)	1-0-0	1	50		II THINKS

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						-
SDG Courses	Mandatory ((Credit Transfer))	1-0-0	1	-	-	

Semester III

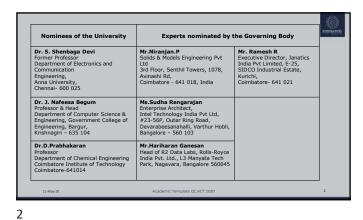
Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Management Course / Professional Core		Professional Core VII	3-0-0	3	50	50	
Professional Elective		Professional Elective II	3-0-0	3	50	50	
Professional Elective		Professional Elective III	3-0-0	3	50	50	
Professional Elective		Professional Elective IV	3-0-0	3	50	50	
Professional Elective		Professional Elective V	3-0-0	3	50	50	,
Open Elective		Open Elective (Global)	3-0-0	3	50	(50	
Emp. Enh. Course	=747=1	Project Phase I	0-0-4	2	50	50	
	Total C	redits		1	20		
		Track Courses		0	V		
Innovation Track		Mandatory (Additional Credits)	0-0-4	/2	50	50	
Leadership Track		Optional		1			
Nano Specialisation		Optional	3-0-0	3	50	50	E 7 7 8

Semester IV

Category & Type of Course	Course Code	Course Title	L-T-P	Credit	CAM	SEE	POs
Professional Elective		Professional Elective VII	3-0-0	3	50	50	
Professional Elective		Professional Elective VIII	3-0-0	3	50	50	
Employment Enhancement Course		Project Phase II		14	50	50	
	Total C	redits			20		
		Track Courses	TERR				
Nano Specialisation	A	Optional	3-0-0	3	50	50	

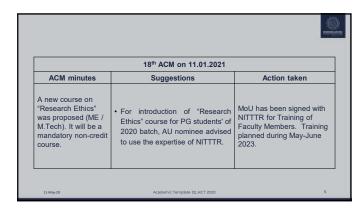
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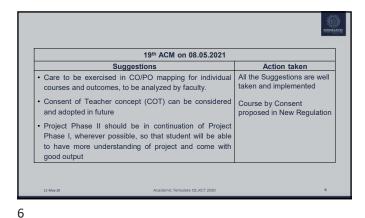




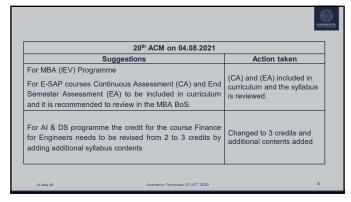


Action Taken Report on 18th to 24th Academic Council Meeting.

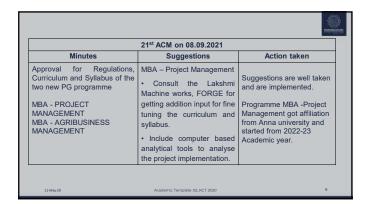


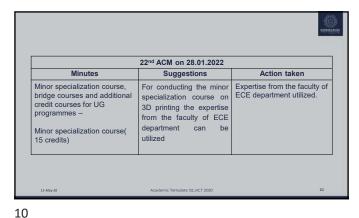


20th ACM on 04.08.2021	
Suggestions	Action taken
	Introduced the topic in the elective course "Recycling in textiles".
	Topics included in "Medical textiles"
	MoU signed.
MoU with DRDO can be tried. Visit to CVRDE	Students visited CVRDE
Ordinance Factory at Tiruchi to be visited.	To visit during May 2023
Cryptography Encryption related topics can be offered	Considered to include in the value-added course.

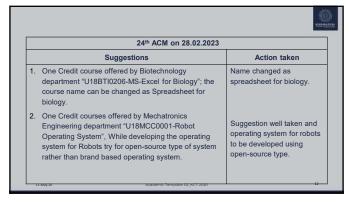


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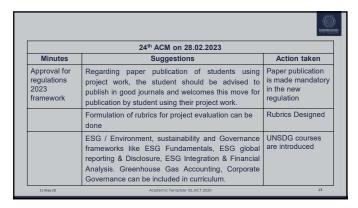




23rd ACM on 30.07.2022								
Minutes	Action taken							
Rescaling process discontinued. Instead, One Retest will be conducted for Genuine reasons, subject to DCC approval.								
 For UHV II course (U18VET4101), End semester for 50 marks to be conducted. 	Implemented							
In Language Electives, Fundamentals of Communications (3 credits) & Language Elective (3 credits) to be introduced	·							



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#Man Making and Nation Building" Imparting Quality Technical Education Fostering multidisciplinary as well as wholistic education Graduates driven by strong ethical and social considerations Promoting entrepreneurship and leadership values



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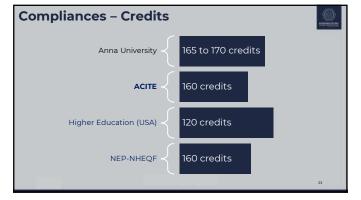




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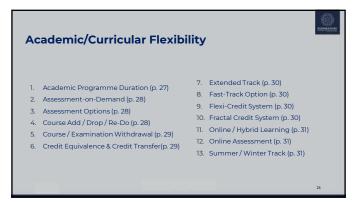




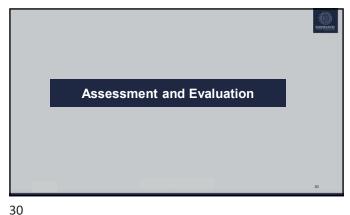


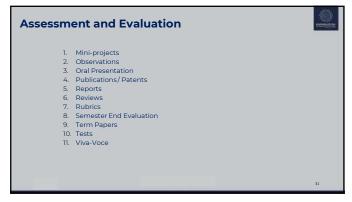


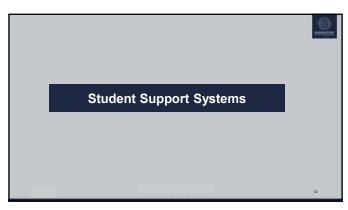






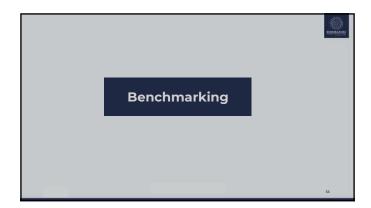




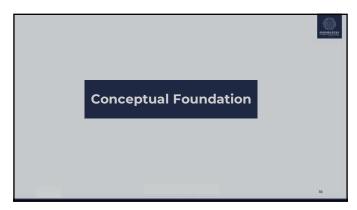


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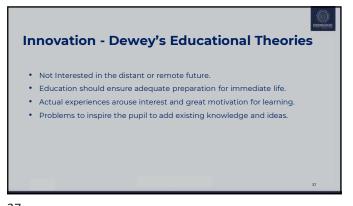




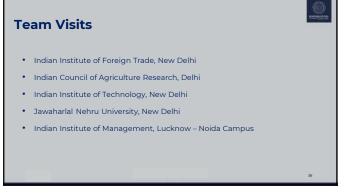




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Stakeholder Feedback Academic Council members Academic Peers Industry Alumni Faculty & Students



43 44







Members of BOS · University Nominee: (Dr. E S Uma Maheswari, GCE, Tirunelveli) · Academic Expert: (Dr. Sathyaraj Venkatesan, NIT, Trichy) · Academic Expert: Dr. Vijaya, EFLU, Hyderabad · Industry Expert: (Prof. Edwin Anthony Amalanathan, Santosh Rungta Group, Bhilai) · Alumni: (Mr. Abishek Paul Jackson, Benglen Public School, CBE) BoS Date: 02.05.2023

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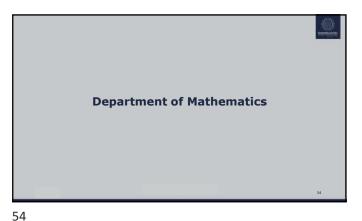




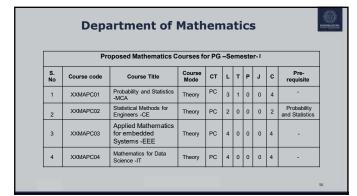


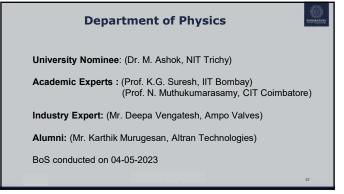


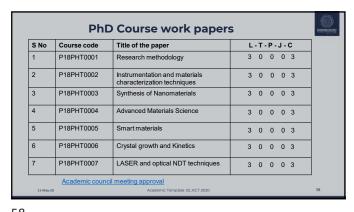
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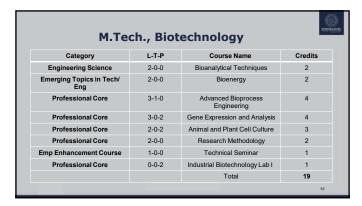


Course Category	Course Title	L-T-P	Credit
Professional Core	Systems and Warfare Platforms	4-0-0	4
Professional Core	Warfare Simulations & Strategies	4-0-0	4
Professional Core	Advanced Engineering Mathematics	4-0-0	4
Professional Core	Systems and Warfare Platforms Laboratory	0-0-2	1
Professional Core	Warfare Simulations & Strategies Laboratory	0-0-2	1
Professional Elective	Elective 1	3-0-0	3
Professional Elective	Elective 2	3-0-0	3
Emp. Enh. Course	Term Paper with Technical Seminar	1-0-0	1
Total Credits			21
	Track Courses		
Edge Course	Edge Course I	1-1-0	2
Induction Program	Mandatory	1-0-0	1
Internship Track	Internship (Optional)		
Personality Dev. Courses	Optional	1-0-0	1
SDG Course	Mandatory (Credit Transfer)	1-0-0	1

S. No.	Course Title	L-T-P	Credit
Elective 1			
1	Rockets & Missiles Fundamentals	3-0-0	3
2	Advanced Thermal Engineering	3-0-0	3
3	Numerical Methods for Science & Engineering	3-0-0	3
4	Communication Technology	3-0-0	3
5	Advanced Mechanical Engineering	3-0-0	3
6	Internet of Military Things	3-0-0	3
	Elective 2		
1	Autonomy and Navigation Technology	3-0-0	3
2	Optimization Theory & Applications	3-0-0	3
3	Military Electronics System Engineering	3-0-0	3
4	System Engineering & Analysis	3-0-0	3
5	Research Methodology	3-0-0	3

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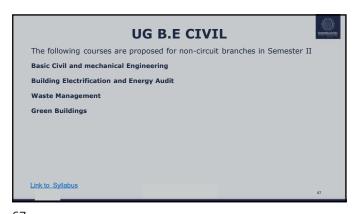




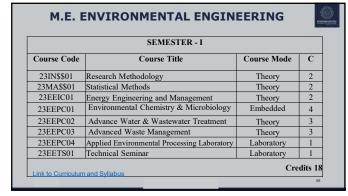


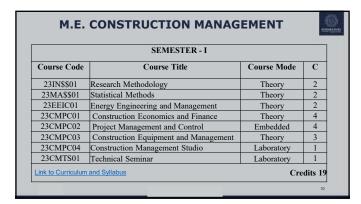
UG & PG 1) Approval for Service subjects in UG I and II Semester curriculum and syllabus for R23 2) Approval for PG-I semester curriculum and syllabus for R23 B.E. Civil Engineering M.E. Structural Engineering M.E. Environmental Engineering M.E. Construction Management Minutes of BoS Meeting

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SEMESTER - I			
Course Code	Course Title	Course Mode	С
23\$\$MA01	Statistical Methods	Theory	2
23EEIC01	Energy Engineering and Management	Theory	2
23SEPC01	Advanced Concrete Technology	Embedded	4
23SEPC02	Design of Advanced Concrete Structures	Theory	3
23SEPC03	Design of Advanced Steel Structures	Theory	3
23\$\$PC01	Research Methodology	Theory	3
23SETS01	Technical Seminar	Laboratory	1
23SEPC04	Structural Design Lab	Laboratory	1





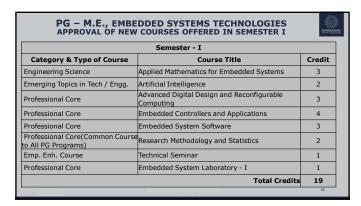
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UG APPROVAL OF NEW COURSES OFFERED IN SEMESTER I & II Semester I The following course is proposed for Non-Circuit branches (AE, AUE, BT,CE, CSE, IT, AI&DS, ME, MCE,FT,TXT). > Introduction to Electrical, Electronics and Instrumentation **Engineering**

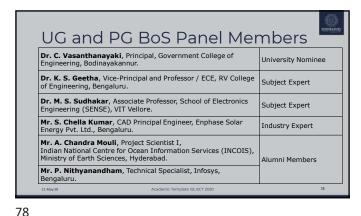
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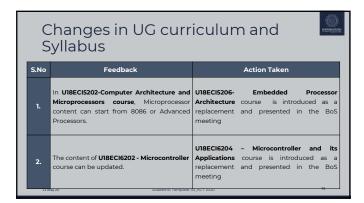




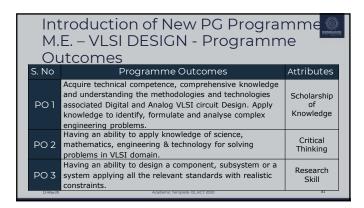
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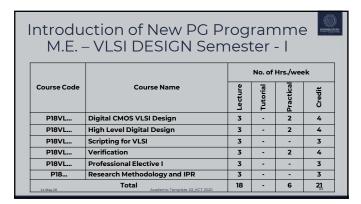


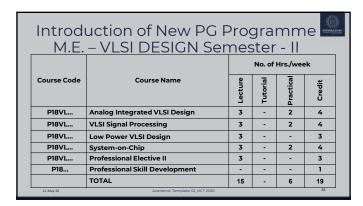




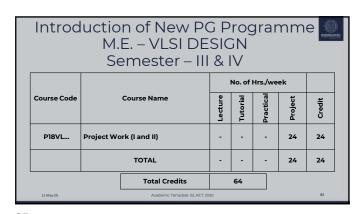


M	ntroduction of New PG Progra I.E. – VLSI DESIGN - Programm outcomes	
S. No	Programme Outcomes	Attributes
PO 4	Acquire the skills for uses of contemporary techniques, resources and modern engineering tools for the design of VLSI systems.	Usages of Modern Techniques
PO 5	An ability to identify, investigate, understand and analyse complex problems, apply creativity, carry out research /investigation and development work to solve practical problems related to VLSI Technology.	Design, Development & Solutions
PO 6	Ability to communicate effectively as an individual or in team, in both oral and written contexts in the form of technical papers, project reports, design documents and "Seminar presentations." Academic Template 02, MCT 2000	Communication, Individual & Teamwork



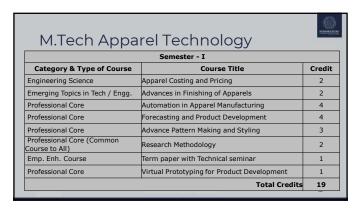


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Introduction of New PG Programme M.E. – VLSI DESIGN Professional					
<u> </u>	Electives				
		No. of Hrs./week			ek
Course Code	Course Name	Lecture	Tutorial	Practical	Credit
P18VLE	Data Structures	3	-	-	3
P18VLE	Machine learning for VLSI	3	-	-	3
P18VLE	CAD for VLSI	3	-	-	3
P18VLE	Physical Design	3	-	-	3
P18VLE	VLSI for Wireless Communications	3	-	-	3
P18VLE	Universal Verification Methodology	3	-	-	3
P18VLE	Nanoelectronics Academic Template 02. KCT 2020	3	-	-	3





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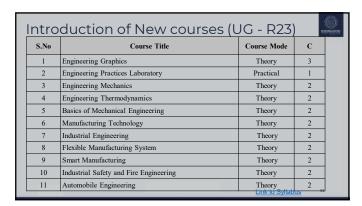


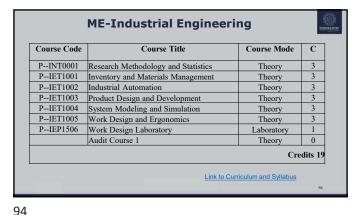




BoS Panel Dr.V.Selladurai (Anna University Nominee), Professor, Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore. **Dr. S. Jayaraj**, (Subject Expert) **Professor**, Department of Mechanical Engineering, **National Institute of Technology**, Calicut. Dr. S. Senthilvelan (Academic Expert), Professor and Head, Department of Mechanical Engineering, Indian Institute of Technology Guwahati, **Dr.T.Ramprabhu**, (Industry Expert), **Joint Director, DRDO**, Bangalore. Mr.R.Sanjay (Alumni Member), Product Design Engineer, Bus Chassis and Frames, Vehicle Design Department, Daimler Trucks Innovation Centre India, Bangalore.

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Changes in R20 PG MCA Bridge Course Syllabus



- Existing Bridge Course Syllabus had 7 Theory Courses and 3 Lab
 Courses
- New Bridge Course Syllabus has been revised with 2 Theory Courses and 2 Lab Courses which covers all basic concepts.
- R20_BRIDGE COURSES Revised.docx

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