



KUMARAGURU
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REF:KCT/ACM/M28/2025-26

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24th June 2025

Dear Sir/Madam,

Sub: 28th Academic council Meeting – Regarding

Warm Greetings from Kumarargu College of Technology

We wish to inform that the 28th Academic Council Meeting of Kumararguru College of Technology, Coimbatore is scheduled on 26th June 2025 (Thursday) at 11:00 a.m.

The meeting will be held at the QUORUM Hall, B Block, Kumaraguru College of Technology, Coimbatore.

Agenda of the Academic Council Meeting

1. Action Taken Report - 27th Academic Council meeting.
2. Approval of amendments to the R24 Regulations
 - Features of Academic regulations R24
 - Amendments in R24 and R18 regulations
3. Consideration and approval for the introduction of new academic programmes
4. Approval of the curriculum and syllabus for the third and fourth semesters of undergraduate and postgraduate programmes under R24
5. Approval for the introduction of new minor specializations and elective courses under the R18 Regulations
6. Approval of the minutes of the Board of Studies (BoS) meetings

Thank you

Warm regards,


Dr. M. Ezhilarasi
Principal/Chairman, Academic Council

Dr. M. EZHILARASI
PRINCIPAL
Kumaraguru College of Technology
Coimbatore - 641 049.

To members concerned

P.B.No.2034 Coimbatore - 641 049 Tamilnadu INDIA
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28th ACADEMIC COUNCIL MEETING

Date: 26-06-2025

Venue: QUORUM Hall, B Block.

Table Agenda

Sl. No.	Time	Agenda points	Presented by
1.	11:00 - 11:07 AM	Welcome address	Dr.M.Ezhilarasi, Chairman Academic Council
2.	11:07 - 11:09 AM	Action taken 27 th Academic Council meeting. - Autonomous Extension details - Approval for BoS reconstitution	Dr. Bhaarithi Dhurai, Professor Head – Autonomous
3.	11:09 - 11:13 AM	Approval of amendments to the R24 Regulations - Features of Academic regulations R24 - Amendments in R24 & R18 A regulations	Dr. N. Ramesh Babu, Dean Electrical Sciences & Curriculum Design and Development
4.	11:13AM - 12:47 PM	Consideration and approval/recommendation for the introduction of new academic programmes for the academic year 2025-2026	Head of the Departments of the concerned 1. Faculty of Civil Engineering 2. Faculty of Mechanical Engineering 3. Faculty of Electrical Engineering 4. Faculty of Electronics and Communication Engineering 5. Faculty of Computer Science and Engineering and Information Technology 6. Faculty of Technology 7. School of Foundational Sciences 8. School of Management Sciences
5.		Approval of the curriculum and syllabus for the third and fourth semesters of undergraduate and postgraduate programmes under R24	
6.		Approval for the introduction of new minor specializations and elective courses under the R18 Regulations	
7.		Approval of the minutes of the Board of Studies (BoS) meetings	
8.	12:47-49 PM	Any other item with the permission of the Chairman, Academic Council Academic Calendar	Dr.A.Vasuki Head – Department of Academics

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	DISCUSSION		
9.	12.49- 12.54 PM	ONLINE Dr. W. Selvamurthy (Education)	President, Amity Science, Technology & Innovation Foundation at Amity University, Delhi
10	12.54-1:24 PM	With Anna University Nominees and Industry Experts	
11	1:24 -1.26 PM	CLOSING REMARKS & VOTE OF THANKS	Dr.B.Senthil Kumar Coordinator, Autonomous

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28 th ACADEMIC COUNCIL COMPOSITION
(Constituted in-line with the clause 12.4 of UGC Regulations 2023)

Date: 26-6-2025

Sl. No.	Name of the Member	Designation & Department
1.	Dr. M.Ezhilarasi	Principal, Chairman- Academic Council
Faculty of Civil Engineering		
2.	Dr. V.Gayathri	Head, Civil Engineering Chairperson, Faculty of Civil Engineering
Faculty of Mechanical Engineering		
3.	Dr.P.S. Samuel Ratna Kumar	Head, Mechanical Engineering Chairman- Faculty of Mechanical Engineering, Board of Mechanical Engineering
4.	Dr. M. Saravanan Mohan	Head, Mechatronics Engineering. Program Chair, Board of Mechatronics Engineering
5.	Dr. J. D. Andrew Pon Abraham	Head, Automobile Engineering, Program Chair, Board of Automobile Engineering
6.	Dr. M. Senthilkumar	Head, Aeronautical Engineering Program Chair, Board of Aeronautical Engineering
Faculty of Electrical Engineering		
7.	Dr. N. Ramesh Babu	Professor & Dean - Electrical Sciences and Curriculum Design & Development. Chairperson, Faculty of Electrical Engineering
8.	Dr. P Thirumoorthy	Head, Electrical and Electronics Engineering Program Chair, Board of Electrical & Electronics Engineering
9.	Dr. V. Dinesh Kumar	Head-Electronics and Instrumentation engineering, Program Chair, Board of Electronics & Instrumentation Engineering
Faculty of Electronics and Communication Engineering		
10.	Dr. M. Bharathi	Head, Electronics and Communication Engineering Chairperson, Board of Electronics and Communication Engineering
Faculty of Computer Science and Engineering and Information Technology		
11.	Dr. Divya Vadlamudi	Director(i/c)- Kumaraguru School of Innovations (KSI) Chairperson, Faculty of Computer Science and Engineering and Information Technology
12.	Dr. C. Bharathi Priya	Assistant Professor II, Computer Science and Engineering, Program Chair, Board of Computer Science and Engineering
13.	Dr. S. Nithya Roopa	Assistant Professor III, Information Technology, Program Chair, Board of Information Technology
14.	Dr.P.Shenbagam	Head (i/c), Artificial Intelligence and Data Science Program Chair, Board of Artificial Intelligence and Data Science

[Handwritten Signature]

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Sl. No.	Name of the Member	Designation & Department
15.	Dr.V. Vijilesh	Head, Master of Computer Applications Program Chair, Board of Computer Applications
Faculty of Technology		
16.	Dr.Vinohar Stephen Rapheal	Head, Biotechnology, Chairman, Faculty of Technology Head - Academic Innovations
17.	Dr. M.Saravanan	Head, Textile Technology Program Chair, Board of Textile Technology
18.	Dr. R. Priyadarshini	Head, Fashion Technology, Program Chair, Board of Fashion Technology
Faculty of School of Foundational Sciences		
19.	Dr. J. Dhivya	Head, Mathematics Chairperson, Faculty of Science and Humanities
20.	Dr. H .Arul	Head, Physics Program Chair, Board of Physics
21.	Dr K. Kalapriya	Head, Chemistry Program Chair, Board of Chemistry
22.	Dr. S. Sreejana	Head, Department of Languages and Communication Program Chair, Board of English
Faculty of Management Sciences		
23.	Dr. S. Sangeetha	HoD In-Charge, Professor Chairperson, Faculty of Management Sciences
24.	Dr.A.Latha,	Associate Professor Program Chair, Board of MBA
25.	Mr.Aman Kumar Dubey,	Assistant Professor Program Chair, Board of MBA(IEV)
26.	Dr.Buggavarapu VSS Subbarao	Assistant Professor Program Chair, Board of MBA (PM & LSM)
27.	Dr.K.Raman	Head, Associate Professor, Agribusiness Management Program Chair, Board of Agribusiness Management
Teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the College		
28.	Dr.S.Raghupathy	Director- Strategic Planning and Review
29.	Dr.K.R.Aranganayagam	Deputy Controller of Examinations
30.	Dr. K. Sundararaj	Associate Dean, PG Program
31.	Dr.S.Sivakumar	Associate Dean – School of Foundation Science
32.	Dr.K.K.Anil Kumar	Associate Dean CCE & EP

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Sl. No.	Name of the Member	Designation & Department
33.	Prof. A.Pavendhan	Associate Dean, Textile Cluster
34.	Dr.A.Vasuki	Associate Dean- Department of Academics.
35.	Dr.K.S.Badrinathan	Associate Dean- Academic Administration
36.	Dr. S. Selvanayagi	Head - IQAC
37.	Dr.R.Manivel	Associate Dean- RIDE
38.	Dr.P.S.Mayurappriyan	Associate Dean- Accreditation
39.	Dr.N.Sangeetha	Dean, Academic Audit
40.	Dr.Bhaarathi Dhurai	Head – Autonomous
41.	Dr.B.Senthil Kumar	Coordinator-Autonomous
Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,		
42.	Dr. S.Gopinath. (Industry)	Practice Head-ADAS, Automotive CoE, UST Global, Bengaluru, India 9845168026 selgopi@gmail.com
43.	Mr.Manish Bafna (Industry)	Senior Vice President of Technology at RFPIO (now Responsive), Coimbatore 90433 4050 manish.bafna.82@gmail.com
44.	Mr. Shankar SUBBURATHINAM (Industry)	Engineering Manager Advanced Materials Technology-India Integrated Components and Solutions Division Caterpillar India Pvt Ltd. Thiruvallur 602 004 9962352227 subburathinam_shankar@cat.com
45.	Dr. W. Selvamurthy (Education)	President, Amity Science, Technology and Innovation Foundation (ASTIF) Director General, Amity Directorate of Science and Innovation (ADSI) Chancellor, Amity University, Chhattisgarh. 9871372441/9818 801028 wselvamurthy@amity.edu
46.	B.K.Narayanaraja . (93-ECE-32) 1997- ECE (Industry)	Vice President – Semiconductor India Sales, Tech Mahindra, Bangalore 9845129900 personal mail id: teamnrja@yahoo.com Official mail id: narayanaraja.bk@techmahindra.com
47.	R.Kanchana Devi. (93-EEE-17)	Director, Cognizant, 9442344065, rkanchu@yahoo.com

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Sl. No.	Name of the Member	Designation & Department
	1997 / EEE (Industry)	Coimbatore
Nominees of the Anna University		
48.	Dr. M. Krishnaveni	Professor, Department of Civil Engineering CEG Campus Anna University, Chennai – 600 025 Phone: 044 22357506 Mobile Number: 9840202974 mkveni@annauniv.edu
49.	Dr. G. B. Bhaskar	Professor, Department of Production Technology MIT Campus Anna University, Chennai – 600 044. Phone: 044 22516154 Mobile Number : 9444140339 drbbhaskar@mitindia.edu
50.	Dr. A. Aranya Revathi	Professor, Department of EEE., Alagappa Chettiar Government College of Engineering and Technology, Karaikudi – 6300030 Sivagangai, Tamilnadu. Mob.No:hone:9443502182 arunyarevathi_eee@yahoo.co.in
Faculty nominated by the Principal (Member Secretary)		
51.	Dr. J. Vijay Prakash	Convener, Academic Council Meeting


Dr. M. Ezhilarasi
Principal, Chairman– Academic Council

Dr. M. EZHILARASI
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26th June 2025

Minutes of the 28th Meeting of Academic Council

The 28th Meeting of the Academic Council of Kumaraguru College of Technology was held on 26th June 2025 (Thursday) from 11.00 a.m. to 1.15 pm.

Mode of Meeting – Physical & Virtual Mode

Venue - Quorum, KCT Campus

Following members were present at the meeting:

Chairman – Academic Council – Autonomous Statue

Sl. No.	Name of the Member	Designation & Department
1.	Dr. M.Ezhilarasi	Principal, Chairman– Academic Council

Members Nominated by Anna University Chennai

2	Dr. M. Krishnaveni	Professor, Department of Civil Engineering CEG Campus Anna University, Chennai – 600 025 Phone: 044 22357506 Mobile Number: 9840202974 mkveni@annauniv.edu
3.	Dr. G. B. Bhaskar	Professor, Department of Production Technology MIT Campus Anna University, Chennai – 600 044. Phone: 044 22516154 Mobile Number: 9444140339 drghbbhaskat@mitindia.edu
4	Dr. A. Arunya Revathi	Professor, Department of EEE Alagappa Chettiar Government College of Engineering and Technology, Karaikudi – 6300030 Sivagangai, Mobile Number: 9443502182 arunyarevathi_eee@yahoo.co.in

Experts nominated by the Governing Body from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering, etc.,

5.	Dr. S.Gopinath (Industry)	Practice Head-ADAS, Automotive CoE, UST Global, Bengaluru, India 9845168026 selgopi@gmail.com
6.	Mr. Shankar Subburathinam (Industry)	Engineering Manager Advanced Materials Technology-India Integrated Components and Solutions Division Caterpillar India Pvt Ltd. Thiruvallur 602 004 9962352227, subburathinam_shankar@cat.com

7.	Dr. W. Selvamurthy (Education) Joined via the online platform.	President, Amity Science, Technology and Innovation Foundation (ASTIF) Director General, Amity Directorate of Science and Innovation Chancellor, Amity University, Chhattisgarh. 9871372441/9818801028, wselvamurthy@amity.edu
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Internal Members and Board Chairpersons

Sl. No.	Name of the Member	Designation & Department
8	Dr.K.R.Aranganayagam	Deputy Controller of Examinations
9	Dr.Bhaarithi Dhurai	Head – Autonomous
10	Dr. J. Vijay Prakash	AO (OAC) & Convener, AC Meeting
11	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations, Head-Biotechnology Chairperson, Faculty of Technology
12	Dr. B.Senthilkumar	Coordinator – Autonomous
13	Dr. V.Gayathri	Head, Civil Engineering Chairperson, Faculty of Civil Engineering
14	Dr.P.S. Samuel Ratna Kumar	Head, Mechanical Engineering Chairperson, Faculty of Mechanical Engineering
15	Dr. M. Saravanan Mohan	Head, Mechatronics Engineering. Program Chair, Board of Mechatronics Engineering
16	Dr. J. D. Andrew Pon Abraham	Head, Automobile Engineering, Program Chair, Board of Automobile Engineering
17	Dr. M. Senthilkumar	Head, Aeronautical Engineering Program Chair, Board of Aeronautical Engineering
18	Dr. N. Ramesh Babu	Professor & Dean - Electrical Sciences and Curriculum Design & Development, Chairperson, Faculty of Electrical Engineering
19	Dr. P. Thirumoorthy	Head, Electrical and Electronics Engineering Program Chair, Board of Electrical & Electronics Engineering
20	Dr. V. Dinesh Kumar	Head, Electronics and Instrumentation Engineering Program Chair, Board of Electronics & Instrumentation Engineering
21	Dr. M. Bharathi	Head, Electronics and Communication Engineering Chairperson, Board of Electronics and Communication Engineering
22	Dr. Divya Vadlamudi	Director (i/c) – Kumaraguru School of Innovation (KSI), Chairperson, Faculty of Computer Science and Engineering and Information Technology
23	Dr. C. Bharathi Priya	Assistant Professor II, Computer Science and Engineering, Program Chair, Board of Computer Science and Engineering
24	Dr. S. Nithya Roopa	Assistant Professor III, Information Technology, Program Chair, Board of Information Technology
25	Dr.P.Shenbagam	Head (i/c), Artificial Intelligence and Data Science Program Chair, Board of Artificial Intelligence and Data Science
26	Dr.V. Vijilesh	Head, Master of Computer Applications Program Chair, Board of Computer Applications
27	Dr. M.Saravanan	Head, Textile Technology Program Chair, Board of Textile Technology
28	Dr. R. Priyadarshini	Head, Fashion Technology, Program Chair, Board of Fashion Technology
29	Dr. J. Dhivya	Head, Mathematics

Internal Members and Board Chairpersons		
Sl. No.	Name of the Member	Designation & Department
		Chairperson, Faculty of Science and Humanities
30	Dr. H. Arul	Head, Physics Program Chair, Board of Physics
31	Dr K. Kalapriya	Head, Chemistry Program Chair, Board of Chemistry
32	Dr. S. Sreejana	Head, Department of Languages and Communication Program Chair, Board of English
33	Dr. S. Sangeetha	Head In charge, Professor Chairperson, Faculty of Management Sciences
34	Dr.A.Latha,	Associate Professor Program Chair, Board of MBA
35	Mr. Aman Kumar Dubey	Assistant Professor Program Chair, Board of MBA(IEV)
36	Dr.Buggavarapu VSS Subbarao	Assistant Professor Program Chair, Board of MBA (PM & LSM)
37	Dr.K.Raman	Head, Associate Professor, Agribusiness Management Program Chair, Board of Agribusiness Management
38	Dr.S.Raghupathy	Director - Strategic Planning and Review
39	Dr. K. Sundararaj	Associate Dean, PG Program
40	Dr.S.Sivakumar	Associate Dean – School of Foundational Sciences
41	Dr.K.K.Anil Kumar	Associate Dean CCE & EP
42	Prof. A.Pavendhan	Associate Dean, Textile Cluster
43	Dr.A.Vasuki	Associate Dean - Department of Academics
44	Dr.K.S.Badrinathan	Associate Dean - Academic Administration
45	Dr. S. Selvanayaki	Head - IQAC
46	Dr.R.Manivel	Associate Dean- RIDE
47	Dr.P.S.Mayurappriyan	Associate Dean- Accreditation
48	Dr.N.Sangeetha	Head – Academic Audit

Agenda of the Academic Council Meeting

1. Action Taken Report - 27th Academic Council meeting.
2. Approval of amendments to the R24 Regulations
 - Features of Academic regulations R24
 - Amendments in R24 and R18 regulations
3. Consideration and approval for the introduction of new academic programmes
4. Approval of the curriculum and syllabus for the third and fourth semesters of undergraduate and postgraduate programmes under R24
5. Approval for the introduction of new minor specializations and elective courses under the R18 Regulations
6. Approval of the minutes of the Board of Studies (BoS) meetings

01. Welcome Address

Dr. M. Ezhilarasi, Chairman of the Academic Council, formally commenced the 28th Academic Council Meeting with the introduction of the reconstituted members. She welcomed new members, appreciating their role in shaping the institution's academic vision. An overview of the institution was shared, emphasizing its vision, mission, and the RiDE philosophy—Research, Innovation, Design Thinking, and Entrepreneurship—as the foundation for academic growth. The Council was briefed on the institution's strong industry and global

partnerships, which contribute to enhanced learning, research, and placement opportunities. The vibrant student club ecosystem was also highlighted for its role in promoting holistic development. The Chairman then presented the meeting agenda, inviting focused discussions on academic reforms, curriculum updates, policies, and new initiatives.

02. Action taken report on 27th Academic Council Meeting

The Chairman, Academic Council invited the Head Autonomous to facilitate the meeting. The Head, Autonomous presented the action taken report on 27th Academic Council Meeting.

Acad. Council Meeting & date	Suggestions	Action taken
27 th / 24 th August 2024	Academic regulations R24 Presented • Key features of the curriculum • Pedagogical approaches • Assessment and evaluation	Council approved and implemented for the students admitted from AY 2024 – 25 onwards (both UG & PG)
27 th / 24 th August 2024	Academic regulations R24 • Discussion on attendance requirements	Academic Council members suggested changes in the minimum attendance requirements were implemented
27 th / 24 th August 2024	Academic regulations R18 (UG) amendments • Minimum duration modification proposed under Degree classification	Authorized and implemented following Council approval
27 th / 24 th August 2024	Academic regulations R18, R20 (MCA) amendments • Minimum duration modification proposed under Degree classification	Authorized and implemented following Council approval
27 th / 24 th August 2024	Academic regulations R18, R20 (MCA) amendments • Relative grading system instead of absolute grading	Authorized and implemented following Council approval
27 th / 24 th August 2024	MBA Academic regulations R2021 • Degree classifications	Authorized and implemented following Council approval

Council Members were satisfied with the actions taken on the suggestions given by the members during the 27th Academic Council Meeting.

03. Approval for new programmes in the academic year 2025-26

Head, Autonomous invited the Chairperson of Civil, Mechanical, Electrical & Electronics Engineering to present the curriculum, syllabus and seek the approval for the new PG programmes.

The list of new PG Programmes is listed below:

Sl.No	Department	Program Name
1.	Civil Engineering	M.E. in Construction Planning and Management, (AICTE APH Page no.125) proposed by the Department of Civil Engineering, which was acknowledged as highly relevant to current infrastructure and project management demands. The curriculum and syllabus were presented in the BoS meeting held on 05.05.2025, which has been approved by the BoS

		members. The same has been presented to the Academic Council members for approval.
2.	Mechanical Engineering	M.E. in Industrial Automation and Robotics (AICTE APH Page no.127) was introduced to align with Industry 5.0 , focusing on advanced automation and human-machine collaboration. The curriculum and syllabus were presented in the BoS meeting held on 07.05.2025, which has been approved by the BoS members. The same has been presented to the Academic Council members for approval.
3.	Electrical & Electronics Engineering	M.E. in Embedded Systems & Computing, (AICTE APH Page no.126). The Department of Electrical and Electronics Engineering proposed M.E. in Embedded Systems and Computing, targeting growing opportunities in embedded technologies and smart systems. The curriculum and syllabus were presented in the BoS meeting held on 07.05.2025, which has been approved by the BoS members. The same has been presented to the Academic Council members for approval.

After detailed deliberations, the council approved the above proposal.

04. Approval for New Specialization Courses

Head, Autonomous invited the Program Chair of Aeronautical Engineering to present and seek the approval for new specialization courses under R24

The details are given below:

Sl.No	Department	New Specialization Courses
1	Aeronautical Engineering	B.E. (Aeronautical) Honors in Space Technology was introduced (through expanded elective and project offerings).

After detailed deliberations, the council approved the above proposal.

05. Approval for amendments in Academic Regulations (R18A and R24)

Head, Autonomous invited Dr. N. Ramesh Babu - Dean - Curriculum Design & Development and Electrical Sciences to present the proposed amendments in R18A and R24 regulations.

Topic	Existing	Proposed
Marks and Grading (R18A)	14.5. For a student who is absent for end-semester theory / practical / project viva-voce, the term "AB" will be indicated against the corresponding course. He/she shall reappear for the end semester examination of that course as arrear in the subsequent semester or when offered next. (Vide clause 7.5.1)	14.5. For a student who is absent for end-semester theory / practical / project viva-voce, the term "RA" will be indicated against the corresponding course. He/she shall reappear for the end semester examination of that course as arrear in the subsequent semester or when offered next. (Vide clause 7.5.1)

	Nil	Scheduled under Clause: 12. Remedial Measures for Unattended Summative Assessment 12.1 Course Recovery Assessment (CRA) Test Based on Class Performance In the event that the class pass percentage falls below 50% in any theory, laboratory, or embedded course, a make-up test shall be scheduled and conducted after the completion of Continuous Assessment Test II (CAT – II, R18A) with the approval of DCC.
Marks and Grading (R24)	Nil	Scheduled under 7.4 Remedial Measures for Unattended Summative Assessment 7.4.1 Course Recovery Assessment (CRA) Test Based on Class Performance In the event that the class pass percentage falls below 50% in any theory, laboratory, or embedded course, a make-up test shall be scheduled and conducted after the completion of Summative Assessment II (SA – II, R24) with the approval of DCC.
Special examination (R18A & R24)	Nil	Students who have completed the eight semesters (UG)/four semesters (PG) of study and have failed (Grade – RA) in courses not exceeding four (4) courses for Undergraduate (UG) programs / three (3) courses for Postgraduate (PG) programs shall be permitted to appear for a Special Examination within 45 days from the date of publication of the final semester results. This provision is applicable only to current batch students who have completed their program within the prescribed duration. Students who choose to appear for the Special Examination under this provision shall not be permitted to register for the subsequent semester's arrear examinations for the same courses.

Under the topic Special examination (R18A & R24), the committee suggested to proceed with the proposal for four (4) UG courses and Two (2) PG courses instead of three (3) PG courses. After detailed deliberations, the council approved the above proposal.

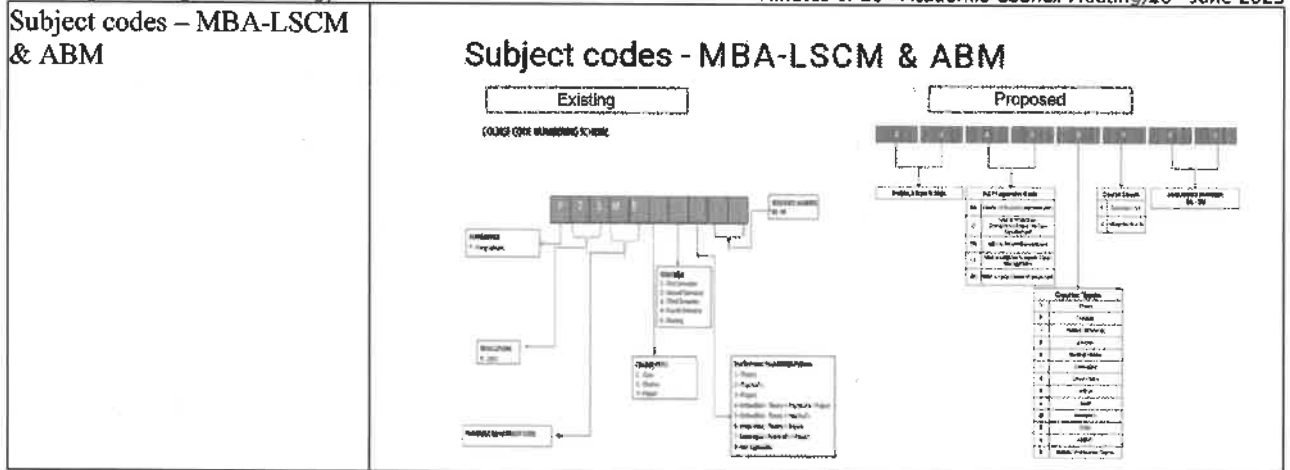
The following amendments were proposed by KCT BS for the approval of the Academic Council Members

Existing	Proposed
4.1.6 If a student has been unable to attend a test on account of illness/ any other reason, he/she will not be permitted to re- take the test	4.1.6 If a student is unable to attend Continuous Assessment Test (CAT I or CAT II) due to unforeseen circumstances such as illness, the death of an immediate family member, or participation in sports at the state or national level, they will be given an opportunity to appear for a re-exam, which will be conducted at the end of the semester. This opportunity will be granted based

Minutes of 26th Academic Council Meeting, 26th June 2023

but must improve his performance in CAM through the other assessments.	on the recommendation of the department committee. The provision to appear for a re-exam under such circumstances can be availed only once during the entire duration of the program.																														
Addition of new clause (2.5 credits transfers)	Clause: 2.5.4 Credit Transfer for NPTEL / SWAYAM Courses Students may opt for proctored SWAYAM/NPTEL MOOC courses from the list approved and published by the department. A student who registers for and successfully completes a SWYAM/NPTEL MOOC and meets the passing criteria will be eligible for credit transfer. Only courses offered by SWAYAM/NPTEL that are equivalent and fulfil the objectives of those in the KCTBS curriculum are permitted for credit transfer. Successful completion awards credits as follows <table><tr><th>S.No</th><th>Duration</th><th>Credits</th></tr><tr><td>1</td><td>4 weeks</td><td>1</td></tr><tr><td>2</td><td>8 weeks</td><td>2</td></tr><tr><td>3</td><td>12 weeks</td><td>3</td></tr><tr><td>4</td><td>16 weeks</td><td>4</td></tr></table> Clause: 2.5.5 Credit Transfer for Non- SWAYAM Online MOOC Courses Students may opt for online MOOC courses from platforms such as Courseera, edX or Udemy, subject to approval by the department from time to time. In the case of non-SWAYAM MOOC platforms, the Continuous Assessment Marks (CAM) will be mapped to the course completion grades obtained, and the end-semester examination will be conducted by the department. Similar to other theory courses 40% weightage will be given to the internal score and 60% to the end-semester examination The duration and credit equivalence are as follows <table><tr><th>S.No</th><th>Duration</th><th>Credits</th></tr><tr><td>1</td><td>4 weeks</td><td>1</td></tr><tr><td>2</td><td>8 weeks</td><td>2</td></tr><tr><td>3</td><td>12 weeks</td><td>3</td></tr><tr><td>4</td><td>16 weeks</td><td>4</td></tr></table>	S.No	Duration	Credits	1	4 weeks	1	2	8 weeks	2	3	12 weeks	3	4	16 weeks	4	S.No	Duration	Credits	1	4 weeks	1	2	8 weeks	2	3	12 weeks	3	4	16 weeks	4
S.No	Duration	Credits																													
1	4 weeks	1																													
2	8 weeks	2																													
3	12 weeks	3																													
4	16 weeks	4																													
S.No	Duration	Credits																													
1	4 weeks	1																													
2	8 weeks	2																													
3	12 weeks	3																													
4	16 weeks	4																													
Classification of performance	5.9.1.6 The performance of a student shall be reported using letter grades, each carrying certain points as detailed below <table><tr><th>Existing Letter Grade</th><th>Proposed Letter Grade</th><th>Grade Points</th></tr><tr><td>O (Outstanding)</td><td>O (Outstanding)</td><td>10</td></tr><tr><td>A+ (Excellent)</td><td>A+ (Excellent)</td><td>9</td></tr><tr><td>A (Very Good)</td><td>A (Very Good)</td><td>8</td></tr><tr><td>B+ (Good)</td><td>B+ (Good)</td><td>7</td></tr><tr><td>B (Average)</td><td>B (Average)</td><td>6</td></tr><tr><td>C (satisfactory)</td><td>C (satisfactory)</td><td>5</td></tr><tr><td>U (Re-appearance)</td><td>U (Re-appearance)</td><td>0</td></tr><tr><td>SA (Shortage of Attendance)</td><td>SA (Shortage of Attendance)</td><td>0</td></tr><tr><td>W (Withdrawal)</td><td>WD (Withdrawal)</td><td>0</td></tr></table>	Existing Letter Grade	Proposed Letter Grade	Grade Points	O (Outstanding)	O (Outstanding)	10	A+ (Excellent)	A+ (Excellent)	9	A (Very Good)	A (Very Good)	8	B+ (Good)	B+ (Good)	7	B (Average)	B (Average)	6	C (satisfactory)	C (satisfactory)	5	U (Re-appearance)	U (Re-appearance)	0	SA (Shortage of Attendance)	SA (Shortage of Attendance)	0	W (Withdrawal)	WD (Withdrawal)	0
Existing Letter Grade	Proposed Letter Grade	Grade Points																													
O (Outstanding)	O (Outstanding)	10																													
A+ (Excellent)	A+ (Excellent)	9																													
A (Very Good)	A (Very Good)	8																													
B+ (Good)	B+ (Good)	7																													
B (Average)	B (Average)	6																													
C (satisfactory)	C (satisfactory)	5																													
U (Re-appearance)	U (Re-appearance)	0																													
SA (Shortage of Attendance)	SA (Shortage of Attendance)	0																													
W (Withdrawal)	WD (Withdrawal)	0																													

Subject codes – MBA-LSCM & ABM



After detailed deliberations, the council approved the above proposal.

06. Approval for BoS minutes and curriculum and syllabus for the third and fourth semesters of undergraduate and postgraduate programmes under R24

Head, Autonomous invited the Chairperson of Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Computer Science and Engineering and Information Technology Faculty of Electrical Engineering, Faculty of Electronics and Communication Engineering, Faculty of Technology, Faculty of Science and Humanities and Faculty of Management Sciences to present the BOS minutes and curriculum and syllabus for the third and fourth semesters of undergraduate and postgraduate programmes under R24 and seek the approval from Academic Council members.

After detailed deliberations, the council approved the above proposal.

Sl.No	Board	Details of the Courses
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B.E., (Civil Engineering) – R24 Curriculum Semester III

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
2	24HNM201	Universal Human Values & Understanding Harmony	Theory	HS	1	0	0	0	1
3	24CEP204	Building Information Modeling Lab	Practical	ES	0	0	4	0	2
4	24MAT231	Partial Differential Equations and Transform Techniques	Theory	BS	3	1	0	0	4
5	24HNP201	Innovation Practicum – 3	Practical	ES	0	0	2	0	1
6	24CET201	Fluid Mechanics and Applied Hydraulics	Theory	PC	3	0	0	0	3
7	24CEI202	Solid Mechanics	Embedded	PC	2	1	2	0	4
8	24CEI203	Surveying	Embedded	PC	3	0	2	0	4
9	24INO_ _ _	FCIT General Stack – 3	Practical	OE	0	0	2	0	1
10	24CEJ205	Internship	Internship	PRJ	0	0	0	0	1
Total Credits									22
Total Contact Hours/week									27

B.E., (Civil Engineering) – R24 Curriculum Semester IV

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
2	24INM202	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
3	24MAI241	Numerical Methods and Probability	Embedded	BS	3	0	2	0	4
4	24INM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2
5	24HNP202	Innovation Practicum – 4	Practical	ES	0	0	2	0	1
6	24CEP206	Fluid Mechanics Lab	Practical	PC	0	0	2	0	1
7	24CEI207	Remote Sensing and Geographic Information Systems	Embedded	PC	2	0	2	0	3
8	24CET208	Strength of Materials	Theory	PC	3	0	0	0	3
9	24CEI209	Concrete Technology	Embedded	PC	3	0	2	0	4
10	24INO_ _ _	FCIT Technical Stack – I	Practical	OE	0	0	2	0	1
11	24INO_ _ _	FCIT Emerging Stack – I	Practical	OE	0	0	2	0	1
Total Credits									22
Total Contact Hours/week									28

M.E Structural Engineering Curriculum – III Semester

S.No.	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24STE0YY	Professional Elective IV	Theory	PE	2	0	0	2	3
2	24STE0YY	Professional Elective V	Theory	PE	3	0	0	0	3
3	24STE0YY	Professional Elective VI	Theory	PE	3	0	0	0	3
4	24STJ601	Industrial Training*	Project	PRJ	0	0	0	0	2
5	24STJ602	Project Phase – I*	Project	PRJ	0	0	0	20	10
*Mandatory for a minimum period of one month during II semester vacation									
**Student can opt Project Phase – I as Internship in Industrial or Research Labs or Inhouse									
Total Credits									21
Total Contact Hours/week									30

M.E Structural Engineering Curriculum – IV Semester

S.No.	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24STJ603	Project Phase - II*	Project	PRJ	0	0	0	40	20
*Student can opt Project Phase - II as Internship in Industrial or Research Labs or Inhouse									Total Credits
									20
									Total Contact Hours/week
									40

M.E Environmental Engineering Curriculum – III & IV Semester

Semester III									
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24ENC0YY	Professional Elective – II	Embedded	PE	2	0	0	2	3
2	24ENE0YY	Professional Elective – IV	Theory	PE	3	0	0	0	3
3	24ENE0YY	Professional Elective – V	Theory	PE	3	0	0	0	3
4	24ENJ001	Industrial Training	Project	PRJ	0	0	0	0	2
5	24ENJ002	Project Phase-I	Project	PRJ	0	0	0	20	10
									Total Credits
									21
									Total Contact Hours/week
									28
*Mandatory for a minimum period of ONE month during II semester vacation									
*Student can opt Project Phase - I as Internship in Industry or Research Labs									
Semester IV									
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24ENJ603	Project Phase - II	Project	PRJ	0	0	0	40	20
									Total Credits
									20
									Total Contact Hours/week
									40
*Student can opt Project Phase – II as Internship in Industrial or Research Labs									

M.E Environmental Engineering Curriculum – III & IV Semester

PROFESSIONAL ELECTIVES									
TRACK I – INDUSTRY DRIVEN ELECTIVES									
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24ENC001	Cleaner production and circular economy	Embedded	PE	2	0	0	2	3
2	24ENC002	Environmental Economics and legislation	Embedded	PE	2	0	0	2	3
3	24ENC003	Environmental Analysis: Techniques & Instrumentation	Embedded	PE	2	0	0	2	3
4	24ENC004	Environmental Audit & Life cycle assessment	Embedded	PE	2	0	0	2	3
5	24ENC005	Environmental Social Governance	Embedded	PE	2	0	0	2	3
6	24ENC006	Occupational Health & Safety	Embedded	PE	2	0	0	2	3
7	24ENC007	Rural water supply and onsite sanitation	Embedded	PE	2	0	0	2	3

M.E Environmental Engineering Curriculum – III & IV Semester

TRACK II – ADVANCED ELECTIVES										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24ENE008	Advanced oxidation processes	Theory	PE	3	0	0	0	3	
2	24ENE009	Design of Environmental Engineering structures	Theory	PE	3	0	0	0	3	
3	24ENE010	Environmental System Analysis	Theory	PE	3	0	0	0	3	
4	24ENE011	Industrial Wastewater treatment	Theory	PE	3	0	0	0	3	
5	24ENE012	Landfill techniques and site remediation	Theory	PE	3	0	0	0	3	
6	24ENE013	Marine pollution & control	Theory	PE	3	0	0	0	3	
7	24ENE014	Membrane separation process for water and wastewater treatment	Theory	PE	3	0	0	0	3	
8	24ENE015	Transport of water and wastewater	Theory	PE	3	0	0	0	3	

M.E Environmental Engineering Curriculum – III & IV Semester

TRACK III – ELECTIVES ON EMERGING DOMAINS										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24ENE016	Climate Change, adaptation and Modeling	Theory	PE	3	0	0	0	3	
2	24ENE017	Ecology and Ecosystem management	Theory	PE	3	0	0	0	3	
3	24ENE018	Energy and Environmental Engineering	Theory	PE	3	0	0	0	3	
4	24ENE019	Environmental Risks: Hazard, Assessment and Management	Theory	PE	3	0	0	0	3	
5	24ENE020	Sustainable Built Environment	Theory	PE	3	0	0	0	3	

M.E Construction Management Curriculum – III & IV Semester

Semester III										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CNC0YY	Professional Elective – IV	Embedded	PE	2	0	0	2	3	
2	24CNE0YY	Professional Elective – V	Theory	PE	3	0	0	0	3	
3	24CNC0YY	Professional Elective – VI	Theory	PE	2	0	0	2	3	
4	24CNJ6G1	Industrial Training*	Project	PRJ	0	0	0	0	2	
5	24CNJ6G2	Project Phase - I/Internship*	Project	PRJ	0	0	0	20	16	
									Total Credits	21
									Total Contact Hours/week	31
*Mandatory for a minimum period of ONE month during II semester vacation										
*Student can opt Project Phase - I as Internship in industry or Research labs										
Semester IV										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CNJ6G3	Project Phase – II	Project	PRJ	0	0	0	40	20	
									Total Credits	20
									Total Contact Hours/week	40

M.E Construction Management Curriculum – III & IV Semester

PROFESSIONAL ELECTIVES										
TRACK I – CONSTRUCTION MANAGEMENT										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CNE001	Organizational Behaviour	Theory	PE	3	0	0	0	3	
2	24CNC002	Value Engineering and Valuation	Embedded	PE	2	0	0	2	3	
3	24CNC003	Resource Management and Control in Construction	Embedded	PE	2	0	0	2	3	
4	24CNE004	Construction Personnel Management	Theory	PE	3	0	0	0	3	
5	24CNE005	Risk Management in Construction	Theory	PE	3	0	0	0	3	
6	24CNC006	System Integration in Construction	Embedded	PE	2	0	0	2	3	
7	24CNC007	Real Estate Practices and Management	Embedded	PE	2	0	0	2	3	
8	24CNE008	Supply Chain Management and Logistics in Construction	Theory	PE	3	0	0	0	3	

M.E Construction Management Curriculum – III & IV Semester

PROFESSIONAL ELECTIVES										
TRACK II – TECHNOLOGY MANAGEMENT										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
9	24CNE009	Sustainable Construction	Theory	PE	3	0	0	0	3	
10	24CNE010	Health Monitoring of Structures	Theory	PE	3	0	0	0	3	
11	24CNC011	Advanced Data Analysis	Embedded	PE	2	0	0	2	3	
12	24CNE012	Environmental Impact Assessment for Construction Engineering	Theory	PE	3	0	0	0	3	
13	24CNC013	Design of Energy Efficient Buildings	Embedded	PE	2	0	0	2	3	
14	24CNE014	Prefabrication and Precast Construction Techniques	Theory	PE	3	0	0	0	3	
15	24CNE015	Shoring, Scaffolding and Formwork	Theory	PE	3	0	0	0	3	

M.E Construction Management Curriculum – III & IV Semester

PROFESSIONAL ELECTIVES										
TRACK III – INDUSTRY DRIVEN										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
16	24CNC016	Construction Site Administration and Control	Embedded	PE	2	0	0	2	3	
17	24CNC017	Maintenance and Management Of Engineering Assets	Embedded	PE	2	0	0	2	3	
18	24CNC018	Digital Design Using Bim	Embedded	PE	2	0	0	2	3	
19	24CNC019	Smart Infrastructure System	Embedded	PE	2	0	0	2	3	
20	24CNC020	Lean Construction Concepts, Tools and Practices	Embedded	PE	2	0	0	2	3	

M.E. Construction Planning and Management - Curriculum

REGULATION 2024										
M.E. Construction Planning and Management - Curriculum										
Semester I										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MA501	Statistical methods for Engineers	Embedded	BS	3	0	2	0	4	
2	24INT501	Research Methodology & IPR	Theory	ES	3	0	0	0	3	
3	24CPT501	Digital Transformation in Construction Planning	Theory	PC	3	0	0	0	3	
4	24CPT502	Construction Equipment Planning and Automation	Theory	PC	3	0	0	0	3	
5	24CPI503	Construction Planning Scheduling and Control	Embedded	PC	3	0	2	0	4	
6	24CPT504	Building Services and Facility Management	Theory	PC	3	0	0	0	3	
7	24CPP505	Managerial Skill Workshop	Laboratory	ES	0	0	2	0	1	
									Total Credits	21
									Total Contact Hours/week	24

M.E. Construction Planning and Management - Curriculum

REGULATION 2024										
M.E. Construction Planning and Management - Curriculum										
Semester II										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CPI506	Project Formulation and Appraisal	Embedded	PC	2	0	0	2	3	
2	24CPT507	Quality Health and Safety Management	Theory	PC	3	0	0	0	3	
3	24CPT508	Legal Aspects of Construction Planning	Theory	PC	3	0	0	0	3	
4	24CPXXX	Professional Elective-I	Embedded	PE	2	0	0	2	3	
5	24CPXXX	Professional Elective-II	Theory	PE	3	0	0	0	3	
6	24CPXXX	Professional Elective-III	Theory	PE	3	0	0	0	3	
7	24CPP509	BIM Studio	Practical	ES	0	0	4	0	2	
									Total Credits	20
									Total Contact Hours/week	24

M.E. Construction Planning and Management - Curriculum

Semester III										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CPXXX	Professional Elective-IV	Embedded	PE	2	0	0	2	3	
2	24CPXXX	Professional Elective-V	Theory	PE	3	0	0	0	3	
3	24CPXXX	Professional Elective-VI	Embedded	PE	2	0	0	2	3	
4	24CPJ601	Industrial Training *	Project	PRJ	0	0	0	0	2	
5	24CPJ602	Project Phase-I / Internship*	Project	PRJ	0	0	0	20	10	
									Total Credits	21
									Total Contact Hours/week	31
*Mandatory for a minimum period of ONE month during II semester vacation										
*Students can opt Project Phase-II as Internship in industry or Research laboratories										
Semester IV										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CPJ603	Project Phase-II	Project	PRJ	0	0	0	40	20	
									Total Credits	20
									Total Contact Hours/week	40

M.E. Construction Planning and Management - Curriculum

PROFESSIONAL ELECTIVES										
TRACK I - CONSTRUCTION MANAGEMENT										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24CPC001	Construction Economics and Finance Management	Embedded	PE	2	0	0	2	3	
2	24CPC002	Value Engineering and Valuation	Embedded	PE	2	0	0	2	3	
3	24CPC003	Resource Management and Control in Construction	Embedded	PE	2	0	0	2	3	
4	24CPC004	Quantitative Analysis in Construction	Embedded	PE	2	0	0	2	3	
5	24CPE005	Construction Personnel Management	Theory	PE	3	0	0	0	3	
6	24CPE006	Risk Management in Construction	Theory	PE	3	0	0	0	3	
7	24CPE007	Organizational Behaviour	Theory	PE	3	0	0	0	3	
8	24CPE008	Supply Chain Management and Logistics in Construction	Theory	PE	3	0	0	0	3	

M.E. Construction Planning and Management - Curriculum

PROFESSIONAL ELECTIVES										
TRACK II - TECHNOLOGY PLANNING AND MANAGEMENT										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
9	24CPC009	System Integration in Management	Embedded	PE	2	0	0	2	3	
10	24CPC010	Planning and Design of Energy Efficient Buildings	Embedded	PE	2	0	0	2	3	
11	24CPC011	Real Estate Practices and Management	Embedded	PE	2	0	0	2	3	
12	24CPC012	Advanced Data Analysis	Embedded	PE	2	0	0	2	3	
13	24CPE013	Sustainable Construction Management	Theory	PE	3	0	0	0	3	
14	24CPE014	Health Monitoring of Structures	Theory	PE	3	0	0	0	3	
15	24CPE015	Modernistic Approaches in Construction Management	Theory	PE	3	0	0	0	3	
16	24CPE016	Shoring, Scaffolding and Formwork	Theory	PE	3	0	0	0	3	

M.E. Construction Planning and Management - Curriculum

PROFESSIONAL ELECTIVES										
TRACK III - INDUSTRY DRIVEN										
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
17	24CPC017	Construction Site Planning and Control	Embedded	PE	2	0	0	2	3	
18	24CPC018	Maintenance and Management of Engineering Assets	Embedded	PE	2	0	0	2	3	
19	24CPC019	Digital Design Using BIM	Embedded	PE	2	0	0	2	3	
20	24CPC020	Smart Infrastructure System	Embedded	PE	2	0	0	2	3	
21	24CPC021	Lean Construction Concepts, Tools and Practices	Embedded	PE	2	0	0	2	3	

B.E. Mechanical Engineering – Curriculum III Semester

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
2	24MAT231	Partial Differential Equations and Transforms Techniques	Theory	BS	3	1	0	0	4
3	24INF201	Innovation Practicum - 3	Practical	ES	0	0	2	0	1
4	24MET201	Engineering Thermodynamics	Theory	PC	3	0	0	0	3
5	24MET202	Kinematics of Machinery	Theory	PC	3	0	0	0	3
6	24MEI203	Applied Machining & Manufacturing Techniques	Embedded	PC	3	0	2	0	4
7	24MEI205	Fluid Mechanics and Machinery	Embedded	PC	3	0	2	0	4
8	24INM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1
9	24MEI204	Internship	Internship	PRJ	0	0	0	0	1
10	24INO...	FCLF - General Stack - 3	Practical	OE	0	0	2	0	1
Total Credits									23
Total Contact hours / Week									27

B.E. Mechanical Engineering – Curriculum IV Semester

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
2	24IELM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2
3	24INF202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1
4	24MAT241	Numerical Methods and Probability	Embedded	BS	3	0	2	0	4
5	24MEI207	Strength of Materials	Embedded	PC	3	0	2	0	4
6	24MEI208	Thermal Engineering - I	Embedded	PC	3	0	2	0	4
7	24EEI209	Electrical Drives and Control	Embedded	ES	3	0	2	0	4
8	24INO...	FCLF - Technical Stack - 1	Practical	OE	0	0	2	0	1
9	24INO...	FCLF Emerging Stack - 1	Practical	OE	0	0	2	0	1
10	24MER207	Digital Engineering Drafting & Modeling	Practical	PC	0	0	6	0	2
11	24INMIO2	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
Total Credits									25
Total Contact hours / Week									33

M.E., Industrial Engineering

Semester III									
S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ILJ601	Summer Internships (To be undergone in 1 year vacation)	Project	PRJ	0	0	0	0	2
2	24ILEXXX	Professional Elective III	Theory	PE	3	0	0	0	3
3	24ILEXXX	Professional Elective IV	Theory	PE	3	0	0	0	3
4	24ILEXXX	Professional Elective V	Theory	PE	3	0	0	0	3
5	24ILJ602	Project - I	Project	PRJ	0	0	0	20	10
Total Credits									21
Total Contact Hours/week									29

2.

Faculty of
Mechanical
Engineering

M.E., Industrial Engineering

Semester IV									
S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ILJ603	Project - II	Project	PRJ	0	0	0	40	20
Total Credits									20
Total Contact Hours/week									40

Total : Sem 1- 20 + Sem 2- 20 + Sem 3 - 21 + Sem 4 - 20 = 81 Credits

Professional Core : 27

Professional Electives : 15

Basic + Engineering Sciences : 6

Projects : 32

Seminar : 1

TOTAL: 81 Credits

M.E., Industrial Engineering

List of Electives TRACK 2 – Sustainability Engineering (Semester III)									
S. No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ILE006	Product Design and Development	Theory	PE	3	0	0	0	3
2	24ILE007	Product Life Cycle Management	Theory	PE	3	0	0	0	3
3	24ILE008	Reengineering Performance Management	Theory	PE	3	0	0	0	3
4	24ILE009	Value Engineering	Theory	PE	3	0	0	0	3

M.E., Industrial Engineering

List of Electives TRACK 3 – Business Management (Semester III)									
S. No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ILE010	Decision Support Systems	Theory	PE	3	0	0	0	3
2	24ILE011	Engineering Economic Analysis	Theory	PE	3	0	0	0	3
3	24ILE012	Entrepreneurial Finance	Theory	PE	3	0	0	0	3
4	24ILE013	Facilities Design	Theory	PE	3	0	0	0	3
5	24ILE014	Services Operations Management	Theory	PE	3	0	0	0	3
6	24ILE015	Concepts in Business Analysis	Theory	PE	3	0	0	0	3

M.E. - Industrial Automation & Robotics

Semester I									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24RI501	Artificial Intelligence in Automation	Theory	PC	3	0	0	0	3
2	24RI502	Computer Integrated Manufacturing	Embedded	PC	3	0	2	0	4
3	24RI503	Robotics for Industrial Automation	Theory	PC	3	0	0	0	3
4	24RI504	Product Design and Development	Embedded	PC	3	0	2	2	5
5	24RI505	Business Process Automation	Theory	PC	3	0	0	0	3
6	24RI502	Research Methodology and Statistics	Theory	BS	3	0	0	0	3
7	24REXX	Professional Elective - I	Theory	PE	3	0	0	0	3
Total Credits									24
Total Contact Hours/week									27

**M.E. - Industrial Automation & Robotics**

Semester II									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24RI506	Product Life Cycle Management	Embedded	PC	3	0	2	0	4
2	24RI507	Supply Chain Automation	Theory	PC	3	0	0	0	3
3	24RI508	Modern material handling systems	Theory	PC	3	0	0	0	3
4	24RI509	Fluid Power Automation	Embedded	PC	3	0	2	2	5
5	24REXX	Professional Elective - II	Theory	PE	3	0	0	0	3
6	24REXX	Professional Elective - III	Theory	PE	3	0	0	0	3
7	24REXX	Professional Elective - IV	Theory	PE	3	0	0	0	3
Total Credits									24
Total Contact Hours/week									27

**M.E. - Industrial Automation & Robotics**

Semester III									
S.No	Course code	Course Title	Course Type	L	T	P	J	C	
1	24RIJ601	Project work - Phase I	Project	0	0	0	20	10	
2	24RIJ602	Industrial Training	Project	0	0	0	4	2	
Total Credits									12
Total Contact Hours/week									24
Semester IV									
S.No	Course code	Course Title	L	T	P	J	C		
1	24RIJ603	Project work - Phase II/ Industrial Internship	0	0	0	40	20		
Total Credits									20
Total Contact Hours/week									40

B.E. – Aeronautical Engineering Semester III										
S. No.	Course Code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1	
2	24MAT221	Partial Differential Equations and Transforms Techniques	Theory	BS	3	1	0	0	4	
3	24AEI201	Engineering Thermodynamics	Embedded	PC	2	0	2	0	3	
4	24AEI202	Fluid Mechanics and Machinery	Embedded	PC	2	0	2	0	3	
5	24AET203	Solid Mechanics	Theory	PC	3	0	0	0	3	
6	24AET204	Principles of Flight	Theory	PC	3	0	0	0	3	
7	24INM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1	
8	24AEP205	CAD Laboratory	Practical	PC	0	0	2	0	1	
9	24INP201	Innovation Practicum – 3	Practical	ES	0	0	2	0	1	
10	24INO___	FCLF – General Stack – 3	Practical	OE	0	0	2	0	1	
11	24AEJ___	Internship	Internship	PRJ	0	0	0	0	1	
Total Credits									22	
Total Contact Hours/week									28	

B.E. – Aeronautical Engineering Semester IV										
S. No.	Course Code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1	
2	24MAI241	Numerical Methods and Probability	Embedded	BS	3	0	2	0	4	
3	24AEI206	Aerodynamics I	Embedded	PC	2	0	2	0	3	
4	24AEI207	Aircraft Structures I	Embedded	PC	2	0	2	0	3	
5	24AEI208	Aircraft Propulsion	Embedded	PC	2	0	2	0	3	
6	24AET209	Design of UAV Systems	Theory	PC	3	0	0	0	3	
7	24AET210	Aircraft Systems and Instruments	Theory	PC	3	0	0	0	3	
8	24INM102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1	
9	24INP202	Innovation Practicum – 4	Practical	ES	0	0	2	0	1	
10	24INO---	FCLF – Technical Stack - 1	Practical	OE	0	0	2	0	1	
11	24INO---	FCLF – Emerging Stack - 1	Practical	OE	0	0	2	0	1	
Total Credits									24	
Total Contact Hours/week									31	

M. Tech Defence Technology – Aerospace Technology

Semester I										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24DTT501	Advanced Engineering Mathematics	Theory	ES	4	0	0	0	4	
2	24DTT502	Systems and Warfare Platforms	Theory	PC	4	0	0	0	4	
3	24DTT503	Warfare Simulations & Strategies	Theory	PC	4	0	0	0	4	
4	24DTP504	Systems and Warfare Platforms Laboratory	Practical	PC	0	0	4	0	2	
5	24DTP505	Warfare Simulations & Strategies Laboratory	Practical	PC	0	0	4	0	2	
6	24DTE0xx	Professional Elective I	Theory	PE	3	0	0	0	3	
7	24DTE0xx	Professional Elective II	Theory	PE	3	0	0	0	3	
8	24DTT501	Seminar	Project	PRJ	0	0	0	2	1	
Total Credits									23	
Total Contact Hours/week									28	

M. Tech Defence Technology – Aerospace Technology

Semester II									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DTT506	Aerospace System Configuration, Design & Simulation	Theory	PC	4	0	0	0	4
2	24DTT507	Guidance & Control	Theory	PC	4	0	0	0	4
3	24DTT508	Aerospace Propulsion	Theory	PC	4	0	0	0	4
4	24DTP509	Aerospace System Configuration, Design & Simulation Laboratory	Practical	PC	0	0	4	0	2
5	24DTP510	Guidance & Control Laboratory	Practical	PC	0	0	4	0	2
6	24DTE0xx	Professional Elective III	Theory	PE	3	0	0	0	3
7	24DTE0xx	Professional Elective IV	Theory	PE	3	0	0	0	3
8	24DTT502	Seminar	Project	PRJ	0	0	0	2	1
Total Credits									23
Total Contact Hours/week									28

M. Tech Defence Technology – Communication Systems & Sensors

Semester I									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DTT501	Advanced Engineering Mathematics	Theory	ES	4	0	0	0	4
2	24DTT502	Systems and Warfare Platforms	Theory	PC	4	0	0	0	4
3	24DTT503	Warfare Simulations & Strategies	Theory	PC	4	0	0	0	4
4	24DTP504	Systems and Warfare Platforms Laboratory	Practical	PC	0	0	4	0	2
5	24DTP505	Warfare Simulations & Strategies Laboratory	Practical	PC	0	0	4	0	2
6	24DTE0xx	Professional Elective I	Theory	PE	3	0	0	0	3
7	24DTE0xx	Professional Elective II	Theory	PE	3	0	0	0	3
8	24DTT501	Seminar	Project	PRJ	0	0	0	2	1
Total Credits									23
Total Contact Hours/week									28

M. Tech Defence Technology – Communication Systems & Sensors

Semester II									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DTT511	Radar Technologies	Theory	PC	4	0	0	0	4
2	24DTT512	Digital & Satellite Communication and Navigation from Space	Theory	PC	4	0	0	0	4
3	24DTT513	Tactical Battlefield Communication & Electronic Warfare	Theory	PC	4	0	0	0	4
4	24DTP514	Radar Technologies Laboratory	Practical	PC	0	0	4	0	2
5	24DTP515	Digital & Satellite Communication and Navigation from Space Laboratory	Practical	PC	0	0	4	0	2
6	24DTE0xx	Professional Elective III	Theory	PE	3	0	0	0	3
7	24DTE0xx	Professional Elective IV	Theory	PE	3	0	0	0	3
8	24DTT502	Seminar	Project	PRJ	0	0	0	2	1
Total Credits									23
Total Contact Hours/week									28

M. Tech Defence Technology – Combat Vehicle Engineering

Semester I									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DTE16	Introduction to Combat Vehicle Systems	Theory	PC	3	0	0	0	3
2	24DTE17	Operational Requirements of Tanks	Theory	PC	3	0	0	0	3
3	24DTE18	Mobility Systems	Theory	PC	3	0	0	0	3
4	24DTE19	Mobility of Tanks	Embedded	PC	3	0	2	0	4
5	24DTE20	Tank Electrical Devices, Electronic Systems and Communication	Embedded	PC	3	0	2	0	4
6	24DTE0xx	Professional Elective I	Theory	PE	3	0	0	0	3
7	24DTE0xx	Professional Elective II	Theory	PE	3	0	0	0	3
Total Credits									23
Total Contact Hours/week									27

M. Tech Defence Technology – Combat Vehicle Engineering

Semester II									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DTE21	Combat Vehicle Dynamics	Theory	PC	3	0	0	0	3
2	24DTE22	Advanced Mathematics & Analysis of Tanks	Theory	ES	3	0	0	0	3
3	24DTE23	Manufacturing of Tanks Theory	Theory	PC	3	0	0	0	3
4	24DTE24	Electro Optics and Imaging Systems	Embedded	PC	3	0	0	2	4
5	24DTE25	Test and Evaluation of Tank and its Systems	Embedded	PC	3	0	0	2	4
6	24DTE0xx	Professional Elective III	Theory	PE	3	0	0	0	3
7	24DTE0xx	Professional Elective IV	Theory	PE	3	0	0	0	3
Total Credits									23
Total Contact Hours/week									27

M. Tech Defence Technology – Semesters III & IV

Semester III - Common to All Specializations									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DT1601	Project – Phase 1	Project	PRJ	0	0	0	20	10
2	24DT1602	Seminar/ Industrial Training	Project	PRJ	0	0	0	8	4
Total Credits									14
Total Contact Hours/week									28

Semester IV - Common to All Specializations									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24DT1603	Project – Phase 2	Project	PRJ	0	0	0	40	20
Total Credits									20
Total Contact Hours/week									40

B.E (AUTOMOBILE) R-2024 CURRICULUM SEMESTER III

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
2	24MAT231	Partial Differential Equations and Transforms Techniques	Theory	BS	3	1	0	0	4
3	24AU201	Automotive Chassis and Transmission	Embedded	PC	3	0	2	0	4
4	24AUT202	Heat Power Engineering	Theory	PC	3	0	0	0	3
5	24AU203	Strength of Materials	Embedded	PC	3	0	2	0	4
6	24AU204	Automotive Electronics	Embedded	PC	2	0	0	2	3
7	24AUP205	Design and Prototype Laboratory	Practical	PC	0	0	2	0	1
8	24AU206	Internship	Internship	PRJ	0	0	0	0	1
9	24INM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1
10	24INP201	Innovation Practicum – 3	Practical	ES	0	0	2	0	1
11	24INO	FCLF General stack – 3	Practical	OE	0	0	2	0	1
Total Credits									24
Total Contact Hours/week									30

B.E (AUTOMOBILE) R-2024 CURRICULUM SEMESTER IV

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
2	24MAT241	Numerical Methods and Probability	Embedded	BS	3	0	2	0	4
3	24AU207	Automotive Powertrain	Embedded	PC	2	0	2	0	3
4	24AU208	Fluid Mechanics and Heat transfer	Embedded	PC	3	0	2	0	4
5	24AU209	Automotive Embedded Systems	Embedded	PC	2	0	0	2	3
6	24AUT210	Design of Machine Elements	Theory	PC	2	1	0	0	3
7	24INM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2
8	24INM102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
9	24INP202	Innovation Practicum – 4	Practical	ES	0	0	2	0	1
10	24INO	FCLF Technical stack -1	Practical	OE	0	0	2	0	1
11	24INO	FCLF Emerging stack-1	Practical	OE	0	0	2	0	1
Total Credits									24
Total Contact Hours/week									30

B.E Mechatronics R-2024 Curriculum Semester III

Course code	Course Title	Course Type	OC	L	T	P	I	C
24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
24MAT231	Partial Differential Equations and Transforms Techniques	Theory	BS	3	1	0	0	4
24NM201	Universal Harmonic Values II: Understanding Harmony	Theory	HS	1	0	0	0	1
24MR202	Electrical Machines	Embedded	PC	2	0	2	0	3
24MR203	Digital Electronics and Microcontroller	Theory	PC	3	0	0	0	3
24MR204	Mechanics of solids	Theory	ES	2	1	0	0	3
24MR205	Fluid mechanics and Thermal Science	Theory	ES	3	1	0	0	4
24MRJXX	Internship	Internship	PRJ	0	0	0	2	1
24NP201	Innovation practicum - 3	Practical	ES	0	0	2	0	1
24MRP207	Electronics Devices and Digital electronics Lab	Practical	PC	0	0	2	0	1
24INO	ICL GENERAL STACK - 3	Practical	OE	0	0	2	0	1
Total Credits								23
Total Number of Hours/Week								29

B.E Mechatronics R-2024 Curriculum Semester IV

Course code	Course Title	Course Type	OC	L	T	P	I	C
24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
24NM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2
24MAT241	Applied numerical methods and Probability for Engineers	Embedded	BS	3	0	2	0	4
24MRJ08	Sensors and Instrumentation	Embedded	PC	2	0	2	0	3
24MRJ09	Industrial Electronics and Drives	Embedded	PC	2	0	2	0	3
24MRJ210	Theory of Machines	Theory	PC	2	1	0	0	3
24MRJ211	Fluid power systems	Embedded	PC	2	0	2	0	3
24INO	ICL Emerging Stack - 1	Practical	OE	0	0	2	0	1
24INO	ICL Technical Stack - 1	Practical	OE	0	0	2	0	1
24MRP212	Python for edge devices	Practical	PC	0	0	2	0	1
24MRP204	Innovation practicum - 4	Practical	ES	0	0	2	0	1
24NM203	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
Total Credits								24
Total Contact Hours/week								34

B.E. (EEE) -R 2024 Curriculum Semester-III

S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
2	24MAI233	Probability and Applied Statistics	Embedded	BS	3	0	2	0	4
3	24EEI201	DC Machines and Transformers	Embedded	PC	2	0	2	0	3
4	24EEI202	Instrumentation Systems	Embedded	PC	2	0	2	0	3
5	24ECI203	Linear Integrated Circuits	Embedded	PC	3	0	2	0	4
6	24EEI203	Digital System Design	Embedded	PC	3	0	2	0	4
7	24INP201	Innovation Practicum - 3	Practical	ES	0	0	2	0	1
8	24INO	FCLF General Stack - 3	Practical	OE	0	0	2	0	1
9	24INM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1
10	24EEI204	Internship	Internship	PRJ	0	0	0	0	1
Total Credits									29
Total Contact Hours/week									32

B.E. (EEE) -R 2024 Curriculum Semester-IV

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
2	24EET205	Generation, Transmission and Distribution	Theory	PC	3	0	0	0	3
3	24EEI206	Induction and Synchronous Machines	Embedded	PC	3	0	2	0	4
4	24EEI207	Power Electronics	Embedded	PC	3	0	2	0	4
5	24EEI208	Signal Processing Techniques	Embedded	PC	3	0	2	0	4
6	24INO	FCLF Technical Stack - 1	Practical	OE	0	0	2	0	1
7	24INO	FCLF Emerging Stack - 1	Practical	OE	0	0	2	0	1
8	24INP202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1
9	24INM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2
10	24INM102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
Total Credits									22
Total Contact Hours/week									29

M.E. (Embedded Systems Technologies) - R2024 Curriculum Semester-III

S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24ETEXXX	Elective-IV	Theory	PE	3	0	0	0	3
2	24ETEXXX	Elective-V	Theory	PE	3	0	0	0	3
3	24ETEXXX	Elective-VI	Theory	PE	3	0	0	0	3
4	24ETJ501	Internship	Project	PRJ	0	0	0	4	2
5	24ETJ601	Project Phase-I	Project	PRJ	0	0	0	20	10
Total Credits									21
Total Contact Hours/week									21

M.E. (Embedded Systems Technologies) -R 2024 Curriculum Semester-IV

S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24ETJ602	Project Phase-II	Project	PRJ	0	0	0	40	20
Total Credits									20
Total Contact Hours/week									20

3. Faculty of Electrical Engineering

**M.E. (Embedded System and Computing)
New Programme
Semester I**

S. No	Course code	Course Title	Course Mode	Course Type	L	T	P	J	C
1	24MA1503	Applied Mathematics for Embedded Systems	Embedded	BS	3	0	2	0	4
2	24ETT501	Advanced Digital Design and Reconfigurable Computing	Theory	ES	3	1	0	0	4
3	24ETI502	Microcontroller Based System Design	Embedded	PC	3	0	2	0	4
4	24ETT503	Real Time Operating Systems	Theory	PC	3	0	0	0	3
5	24ETT504	AI & ML for Embedded System	Theory	PC	3	0	0	0	3
6	24ETT505	Fundamentals of Linux Architecture	Embedded	ES	2	0	2	0	3
Total Credits									21
Total Contact Hours/week									25

**M.E. (Embedded System and Computing)
New Programme
Semester-II**

S.No	Course code	Course Title	Course Mode	CT	L	T	P	J	C
1	24ETT601	GPU Architectures and Programming	Theory	PC	3	0	0	0	3
2	24ETI602	Embedded IoT and Computing	Embedded	PC	2	0	2	0	3
3	24ETI603	HDL Programming	Embedded	PC	3	0	2	0	4
4	24ETEXXX	Elective - I	Theory	PE	3	0	0	0	3
5	24ETEXXX	Elective - II	Theory	PE	3	0	0	0	3
6	24ETEXXX	Elective - III	Theory	PE	3	0	0	0	3
Total Credits									19
Total Contact Hours/week									21

**M.E. (Embedded System and Computing)
New Programme
Semester-III**

S. No	Course code	Course Title	Course Mode	Course Type	L	T	P	J	C
1	24ETEXXX	Elective-IV	Theory	PE	3	0	0	0	3
2	24ETEXXX	Elective -V	Theory	PE	3	0	0	0	3
3	24ETEXXX	Elective -VI	Theory	PE	3	0	0	0	3
4	24ETJ501	Summer Internship	Project	EEC	0	0	0	2	2
5	24ETJ601	Project Phase-I	Project	EEC	0	0	0	10	10
Total Credits									21
Total Contact Hours/week									21

**M.E. (Embedded System and Computing)
New Programme
Semester-IV**

S. No	Course code	Course Title	Course Mode	Course Type	L	T	P	J	C
1	24ETJ602	Project Phase-II	Project	EEC	0	0	0	20	20
Total Credits									20
Total Contact Hours/week									20

Total Credits : 81

B.E. Electronics & Instrumentation Engineering										
Semester III										
S.No.	Course Code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24HGP005	Mastering Conversations	Practical	HS	0	0	2	0	1	
2	24HME20	Probability and Applied Statistics	Embedded	BS	3	0	2	0	4	
3	24MET205	Thermodynamics & Fluid Mechanics	Theory	BS	2	0	0	0	3	
4	24ESD01	Electronic Circuit Design	Embedded	PC	3	0	2	0	4	
5	24ERD02	Sensors and Transducers	Embedded	PC	2	0	2	0	4	
6	24EED05	Electrical Machines and Measurement Systems	Embedded	BS	2	0	2	0	3	
7	24HNP201	Innovation Practicum -3	Practical	ES	0	0	2	0	1	
8	24HNO	PCLP - General Stack -3	Practical	OE	0	0	2	0	1	
9	24HNM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1	
10	24HMD04	Internship	Internship	PRJ	0	0	0	0	2	
Total Credits										23
Total Contact Hours/Week										27

B.E. Electronics & Instrumentation Engineering										
Semester IV										
S.No.	Course Code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24HGP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1	
2	24ECI203	Linear Integrated Circuits	Embedded	PC	2	0	2	0	4	
3	24ESD204	Digital System Design	Embedded	PC	3	0	2	0	4	
4	24ESD04	Signal Processing	Embedded	PC	3	0	2	0	4	
5	24EED205	Microprocessor and Applications	Embedded	PC	2	0	2	0	3	
6	24EED06	Control Panel Design and Relay Logic System	Embedded	PC	2	0	2	0	3	
7	24HNO	PCLP - Technical Stack -1	Practical	OE	0	0	2	0	1	
8	24HNO	PCLP - Emerging Stack -1	Practical	OE	0	0	2	0	1	
9	24HNP202	Innovation Practicum -4	Practical	ES	0	0	2	0	1	
10	24HMD202	Environmental Science & Sustainability	Embedded	BS	1	0	2	0	2	
11	24HMD102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1	
Total Credits										25
Total Contact Hours/Week										30

B.E. (ECE) -R 2024 Curriculum Semester-III

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ECT201	Electromagnetic Waves and Waveguides	Theory	PC	3	0	0	0	3
2	24ECT202	Signals and Systems	Theory	BS	3	1	0	0	4
3	24ECI203	Linear Integrated Circuits	Embedded	PC	3	0	2	0	4
4	24EED204	Digital System Design	Embedded	PC	3	0	2	0	4
5	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1
6	24HNM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1
7	24HNP201	Innovation Practicum -3	Practical	ES	0	0	2	0	1
8	24HNM102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1
9	24HNO	PCLP General Stack - 3	Practical	OE	0	0	2	0	1
10	24ECI203	Internship	Internship	PRJ	0	0	0	0	1
Total Credits									25
Total Contact Hours / Week									25

B.E. (ECE) -R 2024 Curriculum Semester-IV

S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C
1	24ECT205	Transmission Lines and RF Networks	Theory	PC	3	0	0	0	3
2	24ECI206	Digital Signal Processing	Embedded	PC	2	0	2	0	4
3	24ECI207	Microprocessor and Architecture	Embedded	PC	3	0	2	0	4
4	24ECI204	Data Structures and Algorithms	Embedded	PC	2	0	2	0	3
5	24MAT242	Probability and Random Process	Theory	BS	3	1	0	0	4
6	24HGP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
7	24HNP202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1
8	24HNO	PCLP Technical Stack - 1	Practical	OE	0	0	2	0	1
9	24HNO	PCLP Emerging Stack - 1	Practical	OE	0	0	2	0	1
10	24HNM202	Environmental Science and Sustainability	Embedded	BS	1	0	2	0	2
Total Credits									26
Total Contact Hours / Week									32

4. Faculty of
Electronics &
Communication
Engineering

M.E. (VLSI Design) -R 2024 Curriculum Semester- I

S. No	Course code	Course Title	Course Type	CC	L	T	P	I	C
1	24MAY502	Graph Theory and Optimization Techniques	Theory	BS	3	0	0	0	3
2	24VLS501	Digital CMOS VLSI Design	Embedded	PC	2	0	2	0	4
3	24VLS502	High Level Digital Design	Embedded	PC	3	0	2	0	4
4	24VLS503	Scripting for VLSI	Embedded	PC	2	0	2	0	3
4	24VLS504	Advanced Processor Architecture	Theory	PC	3	0	0	0	3
6	24INT501	Research Methodology and IPR	Theory	ES	3	0	0	0	3
Total Credits									20
Total Contact Hours / Week									23

M.E. (VLSI Design) -R 2024 Curriculum Semester- II

S. No	Course code	Course Title	Course Type	CC	L	T	P	I	C
1	24VLS505	Asynchronous Integrated Circuit Design	Embedded	PC	3	0	2	0	4
2	24VLS506	VLSI Signal Processing	Embedded	PC	3	0	2	0	4
3	24VLS507	Verification of VLSI Circuits	Embedded	PC	3	0	2	0	4
4	24VLS508	Low Power VLSI Design	Theory	PC	3	0	0	0	3
5	24VLEX00X	Professional Elective I	Theory	PE	3	0	0	0	3
6	24VLEX00X	Professional Elective II	Theory	PE	3	0	0	0	3
7	24VLS501	Mini Project	Project	PRJ	0	0	0	0	3
Total Credits									24
Total Contact Hours / Week									30

M.E. (VLSI Design) -R 2024 Curriculum Semester- III & IV

S.No	Course code	Course Title	Course Type	CC	L	T	P	I	C
1	24VLEX00X	Professional Elective III	Theory	PE	3	0	0	0	3
2	24VLEX00X	Professional Elective IV	Theory	PE	3	0	0	0	3
3	24VLEX00X	Professional Elective V	Theory	PE	3	0	0	0	3
4	24VLS601	Project Phase I	Project	PRJ	0	0	0	24	12
Total Credits									21
Total Contact Hours / Week									33
S.No	Course code	Course Title	Course Type	CC	L	T	P	I	C
1	24VLS602	Project Phase II	Project	PRJ	0	0	0	30	15
Total Credits									15
Total Contact Hours / Week									30

B.E Computer Science & Engineering

Semester III										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MAT234	Computational Probability and Statistics	Embedded	BS	3	0	2	0	4	
2	24CS1206	Object Oriented Programming	Embedded	ES	3	0	2	0	4	
3	24ADG201	Database Management Systems	Embedded	PC	3	0	2	0	4	
4	24ADG202	Artificial Intelligence and Automation	Embedded	PC	3	0	2	0	4	
5	24CST207	Computer Organization and Architecture	Theory	PC	3	0	0	0	3	
6	24NP201	Innovation Practicum - 3	Practical	ES	0	0	2	0	1	
7	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1	
8	24INC	PCLP- General Skill-3	Practical	OE	0	0	2	0	1	
9	24CSJ208	Internship	Internship	PRJ	0	0	0	0	1	
10	24ACT015	Finance, Economics and Marketing	Theory	HS	3	0	0	0	3	
11	24CGT021	Aptitude and Reasoning-1	Theory	HS	0	1	0	0	1	
									Total Credits	27
									Total Contact Hours/week	30

B.E Computer Science & Engineering

Semester IV										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MAT243	Discrete Mathematics and Optimization	Theory	BS	2	0	0	0	3	
2	24IT202	Operating Systems	Embedded	PC	3	0	2	0	4	
3	24CST208	Software Engineering	Theory	PC	3	0	0	0	3	
4	24CSG210	Computer Networks and Security	Embedded	PC	3	0	2	0	4	
5	24ADG205	Machine Learning	Embedded	PC	3	0	2	0	4	
6	24CSG211	Cloud Computing	Embedded	PC	3	0	2	0	4	
7	24HSP007	Building Professional Readiness	Practical	HS	0	0	2	0	1	
8	24NM102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1	
9	24NP202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1	
10	24CST022	Aptitude and Reasoning-2	Theory	HS	0	1	0	0	1	
11	24CSV003	Programming with Java	Practical	Value Added	0	0	2	0	0	
									Total Credits	26
									Total Contact Hours/week	29

CSE- Specialization/Honors/Minor tracks

Track	Course Code	Course Title	Course Type	L	T	P	J	C	Offered to
Extended Reality	24CSC001	Game Design	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC002	Game Programming	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC003	Augmented Reality Application Development	Embedded	2	0	2	2	3	CSE, IT, AI & DS
	24CSC004	Virtual Reality Application Development	Embedded	2	0	0	2	3	CSE, IT, AI & DS
	24CSC005	Advanced Modeling in Game Design	Embedded	2	0	2	0	3	CSE, IT, AI & DS
IoT and Edge UAV	24CSC006	AI/ML in Games	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC007	IoT System Design	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC008	IoT Application Development	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC009	Robotic Operating Systems	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSE010	Software Systems for Autonomous Vehicles	Theory	3	0	2	0	3	CSE, IT, AI & DS
	24CSE011	Industrial IoT	Embedded	3	0	0	2	3	CSE, IT, AI & DS
	24CSC012	Real-Time Edge Computing for UAV Applications	Embedded	2	0	2	0	3	CSE, IT, AI & DS

Faculty of
Computer
Science
Engineering,
Information
Technology
and MCA

5.

CSE- Specialization/Honors/Minor tracks

Track	Course Code	Course Title	Course Mode	L	T	P	J	C	Offered by
Cyber Security	24CSC013	Secure Software Development	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC014	Digital Forensics	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC015	Network Security Administration	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC016	Ethical Hacking and Cyber Laws	Theory	3	0	0	0	3	CSE, IT, AI & DS
	24CSC017	Web Application Security	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC018	Database Security	Theory	3	0	0	0	3	CSE, IT, AI & DS
Web and Software Development	24CSC019	AI and IIX Design	Embedded	2	0	2	0	3	AI & DS
	24CSC020	Principles of DevOps	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC021	Service Oriented Architecture	Theory	3	0	0	0	3	CSE, IT, AI & DS
	24CSC022	Mobile Application Development	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC023	Software Quality Management	Theory	3	0	0	0	3	CSE, IT, AI & DS
	24CSC024	Software Testing and Automation	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24CSC025	IoT Application Development using Swift	Embedded	2	0	2	0	3	CSE, IT, AI & DS

M.E CSE (Cyber Security)

Semester I									
S. No	Course Code	Course Title	Course Mode	Course Category	L	T	P	J	C
1	24MAT501	Mathematical Foundations for Cyber Security	Theory	BS	3	0	0	0	3
2	24CBIN62	Advanced Data Structures and Algorithms	Embedded	PC	3	0	2	0	4
3	24CBIN93	Operating System Security	Embedded	PC	3	0	2	0	4
4	24CBIN94	Cryptography and Network Security	Embedded	PC	3	0	2	0	4
5	24CBIN95	Database Management Systems and Security	Embedded	PC	3	0	2	0	4
6	24CBIN96	Research Methodology and Ethics	Embedded	ES	3	0	2	0	4
7	24CBIN97	Open Elective I	Theory	OE	3	0	0	0	3
Total Credits									26
Total Contact Hours / Week									31

M.E CSE (Cyber Security)

SEMESTER-II									
S.No	Course Code	Course Name	Course Type	Course Category	L	T	P	J	C
1	24CBIN97	Digital Forensics	Embedded	PC	3	0	2	0	4
2	24CBIN98	Web Application Security	Embedded	PC	3	0	2	0	4
3	24CBIN99	Artificial Intelligence for Cyber Security	Embedded	PC	3	0	0	0	3
4	24CBXXXX	Program Elective I	Embedded/Theory	PE	*	0	*	0	3
5	24CBXXXX	Program Elective II	Embedded/Theory	PE	*	0	*	0	3
6	24CBXXXX	Program Elective III	Embedded/Theory	PE	*	0	*	0	3
7	24INDXXX	Open Elective II	Theory	OE	3	0	0	0	3
Total Credits									23
Total Hours per week									28

M.E CSE (Cyber Security)

SEMESTER III									
S. No	Course code	Course Title	Course Mode	Course Category	L	T	P	J	C
1	24CB1601	Program Elective IV	Embedded Theory	PE	4	0	0	0	3
2	24CB1601	Internship	Project	PRJ	0	0	0	0	2
3	24CB1602	Project Phase I/Industry Project	Project	PRJ	0	0	0	30	15
Total Credits									20
Total Contact Hours / Week									28*
SEMESTER IV									
S. No	Course code	Course Title	Course Mode	Course Category	L	T	P	J	C
1	24CB1603	Project Phase II/ Industry Project	Project	PRJ	0	0	0	30	15
Total Credits									15
Total Contact Hours / Week									30
Total Credits : 34									

List of Program Electives									
M.E CSE (Cyber Security)									
S. No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24CBC001	Blockchain Technology and Security	Embedded	PE	2	0	2	0	3
2	24CBC002	Cloud Security	Embedded	PE	2	0	2	0	3
3	24CBC003	Secure Software Development	Embedded	PE	2	0	2	0	3
4	24CHE004	Cyber Physical Systems and Security	Theory	PE	3	0	0	0	3
5	24CBE005	Cyber Ethics and Laws	Theory	PE	3	0	0	0	3
6	24CBC006	Cyber Security audit and compliances	Embedded	PE	2	0	2	0	3
7	24CBC007	Malware Analysis and System Security	Embedded	PE	2	0	2	0	3
8	24CBC008	Incident Response Management	Embedded	PE	2	0	2	0	3
9	24CBE009	Cyber Threat Hunting and Intelligence	Theory	PE	3	0	0	0	3
10	24CBC010	Mobile Device Forensics	Embedded	PE	2	0	2	0	3
11	24CBC011	Intrusion Detection and Prevention System	Embedded	PE	2	0	2	0	3
12	24CBC012	Mobile Application Security	Embedded	PE	2	0	2	0	3

B.Tech Information Technology

Semester III									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24MA1234	Computational Probability and Statistics	Embedded	ES	3	0	2	0	4
2	24CS1266	Object Oriented Programming	Embedded	ES	3	0	2	0	4
3	24AD1201	Database Management Systems	Embedded	PC	3	0	2	0	4
4	24AD1202	Artificial Intelligence and Automation	Embedded	PC	3	0	2	0	4
5	24CST209	Computer Organization and Architecture	Theory	PC	3	0	0	0	3
6	24INP701	Innovation Practicum- 3	Practical	ES	0	0	2	0	1
7	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1
8	24DS00XX	FCLP- General Stack-3	Practical	OE	0	0	2	0	1
9	24IT1201	Internship	Internship	PRJ	0	0	0	0	1
10	24ADT015	Finance, Economics and Marketing	Theory	ES	3	0	2	0	3
11	24CST021	Ability and Reasoning 1	Theory	HS	0	1	0	0	1
Total Credits									27
Total Contact Hours / week									30

B.Tech Information Technology

Semester IV										
S.No.	Course Code	Course Title	Course Type	Course Category	L	T	P	I	C	
1	24MAT143	Discrete Mathematics and Optimization	Theory	HS	3	0	0	0	3	
2	24IT1202	Operating Systems	Embedded	PC	3	0	2	0	4	
3	24CSE204	Software Engineering	Theory	PC	3	0	0	0	3	
4	24CSE210	Computer Networks and Security	Embedded	PC	3	0	2	0	4	
5	24AIM205	Machine Learning	Embedded	PC	2	0	2	0	4	
6	24IT5203	Cloud Architectures	Embedded	PC	2	0	2	0	3	
7	24HSP007	Building Professional Readiness	Practical	HS	0	0	2	0	1	
8	24HNP102	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1	
9	24HNP002	Innovation Practicum-4	Practical	HS	0	0	2	0	1	
10	24CSE022	Aptitude and Reasoning-2	Theory	HS	0	1	0	0	1	
11	24CSE003	Programming with Java	Practical	Value Added	0	0	2	0	0	
									Total Credits	25
									Total Contact Hours/week	38

B.Tech IT- Specialization/Honors/Minor tracks

Track	Course Code	Course Title	Course Type	L	T	P	I	C	Offered to
Networking and Blockchain	24IT0001	Blockchain Technology and Applications	Theory	3	0	0	0	3	AI & DS
	24IT0002	Cryptocurrency and Bitcoin	Theory	3	0	0	0	3	CSE, IT, AI & DS
	24IT0003	Smart Contract Development	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24IT0004	Decentralized Finance	Theory	3	0	0	0	3	CSE, IT, AI & DS
	24IT0005	Web3 and Dapp Development	Embedded	2	0	0	2	3	CSE, IT, AI & DS
	24IT0006	Advanced Networking Technologies	Embedded	2	0	2	0	3	CSE, IT, AI & DS
Cloud Computing	24IT0007	Virtualization and Resource Management	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24IT0008	Cloud Infrastructure and Architecture	Embedded	2	0	2	0	3	CSE, AI & DS
	24IT0009	Cloud Storage Management	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24IT0010	Cloud Applications Development	Embedded	2	0	0	2	3	CSE, IT, AI & DS
	24IT0011	Cloud Security	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24IT0012	Cloud Automation	Embedded	2	0	0	2	3	CSE, IT, AI & DS

Courses Introduced for M.Tech (Data Science)

Course Code	Course Title	Course Type	L	T	P	I	C
24DSC005	Blockchain Technologies and DApp Development	Embedded	2	0	0	2	3
24DSC006	Network Science and Social Analytics	Embedded	2	0	2	0	3
24DSC007	Business Intelligence and Strategic Decision Analytics	Embedded	2	0	2	0	3
24DSC008	Advanced Geospatial Data Science	Embedded	2	0	2	0	3

B.Tech-AI & DS

Semester III										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MA1234	Computational Probability and Statistics	Embedded	BS	3	0	2	0	4	
2	24CS206	Object Oriented Programming	Embedded	ES	3	0	2	0	4	
3	24AD201	Database Management Systems	Embedded	PC	3	0	2	0	4	
4	24AD202	Artificial Intelligence and Automation	Embedded	PC	3	0	2	0	4	
5	24AD203	Data Science and Visualization	Embedded	PC	3	0	2	0	4	
6	24INP201	Innovation Practicum - 3	Practical	ES	0	0	2	0	1	
7	24HSP005	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1	
8	24INQ	FCUP - General Track - I	Practical	OE	0	0	2	0	1	
9	24AD204	Internship	Internship	PR	0	0	0	0	1	
10	24ADT05	Finance, Economics and Marketing	Theory	HS	3	0	0	0	3	
11	24CST021	Aptitude and Reasoning I	Theory	HS	0	1	0	0	1	
									Total Credits	28
									Total Contact Hours/week	72

B.Tech-AI & DS

Semester IV										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MA1214	Random Process and Optimization	Theory	BS	3	0	0	0	3	
2	24IT202	Operating Systems	Embedded	PC	3	0	2	0	4	
3	24CST205	Software Engineering	Theory	PC	3	0	0	0	3	
4	24CS210	Computer Networks and Security	Embedded	PC	3	0	2	0	4	
5	24AD205	Machine Learning	Embedded	PC	3	0	2	0	4	
6	24AD206	Data Engineering	Embedded	PC	2	0	2	0	3	
7	24HSP007	Building Professional Readiness	Practical	HS	0	0	2	0	1	
8	24INM02	Indian Knowledge Systems in Science and Engineering	Theory	HS	1	0	0	0	1	
9	24INP202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1	
10	24CSV003	Programming with Java	Practical	VA	0	0	2	0	0	
11	24CST22	Aptitude and Reasoning 2	Theory	HS	0	1	0	0	1	
									Total Credits	25
									Total Contact Hours/week	28

B.Tech-AI & DS - Specialization/Honors/Minor tracks

Track	Course Code	Course Title	Course Type	L	T	P	J	C	Offered to
Artificial Intelligence and Automation	24ADC001	Deep Learning Applications	Embedded	2	0	2	0	3	CSE, IT
	24ADC002	Natural Language and Speech Processing	Embedded	2	0	2	0	3	CSE, IT
	24ADC003	Computer Vision Techniques	Embedded	2	0	2	0	3	CSE, IT
	24ADC004	Generative AI	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADC005	Reinforcement Learning	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADC006	Intelligent Automation System	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADE007	Responsible AI	Embedded	3	0	0	0	3	CSE, IT, AI & DS
	24ADT008	ML Ops	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADC009	Optimization for Machine Learning	Embedded	2	0	2	0	3	CSE, IT, AI & DS

B.Tech-AI & DS - Specialization/Honors/Minor tracks

Track	Course Code	Course Title	Course Type	L	T	P	J	C	Offered in
Data Science, Analytics and Visualization	24ADCC010	Data Analysis and Visualization	Embedded	2	0	2	0	3	CSE, IT
	24ADCC011	Data Processing Techniques	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADCC012	Data Modelling	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADCC013	Business Intelligence for Decision Making	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADCC014	Social Network Analytics	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADCC015	Digital Twin Analytics	Embedded	2	0	2	0	3	CSE, IT, AI & DS
	24ADCC016	Geospatial Data Science	Embedded	2	0	2	0	3	CSE, IT, AI & DS

MCA New Courses introduced

Course Code	Course Title	L	T	P	J	C
24CAT601	Software Project Management	3	0	0	0	3

B.Tech-Biotechnology Curriculum – Semester III

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24BT001	Mastering Calculations	Practical	HS	0	0	2	0	1
2	24BT002	Applied Statistics Engineers	Embedded	BS	3	0	3	0	4
3	24BT003	Microbiology	Embedded	PC	3	0	2	3	4
4	24BT004	Molecular Biology	Theory	PC	3	0	2	0	4
5	24BT005	Biotechnical Techniques and Instrumentation	Theory	SC	3	0	0	0	3
6	24BT006	Cell and Molecular Biology Lab	Practical	PC	0	0	4	0	3
7	24BT007	Innovation Practices - I	Practical	ES	0	0	2	0	1
8	24BT008	Internship	Internship	ES	0	0	0	0	1
9	24BT009	Universal Human Values II: Understanding Humanity	Theory	HS	1	0	0	0	1
10	24BT010	FCIL Gen-4 week - I	Practical	OE	0	0	2	0	1
Total Credits									24
Total Contact Hours/week									31

6.

Faculty of
Technology**B.Tech-Biotechnology Curriculum – Semester IV**

S.No	Course code	Course Title	Course Mode	Course Type	L	T	P	J	C
1	24BT011	Microbial Growth, Detection and Preservation (BS)	Practical	HS	0	0	2	0	1
2	24BT012	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	1
3	24BT013	Cell Culture Techniques	Theory	PC	2	0	0	0	2
4	24BT014	Genetic Engineering and Genomics	Theory	PC	2	0	0	0	2
5	24BT015	Protein and Enzyme Engineering	Embedded	PC	2	0	3	0	3
6	24BT016	Transport Phenomena in Bioprocess Engineering	Embedded	PC	3	0	2	0	4
7	24BT017	Genetic Engineering and Genomics Lab	Practical	PC	0	0	4	0	3
8	24BT018	Case Competitions in Biotechnology	Practical	PC	0	0	2	0	1
9	24BT019	FCIL Technical Skill - I	Practical	OE	0	0	2	0	1
10	24BT020	FCIL Emerging Skill - I	Practical	OE	0	0	2	0	1
11	24BT021	Innovation Practices - II	Practical	ES	0	0	2	0	1
12	24BT022	Indian Knowledge Systems in Science and Technology	Theory	HS	1	0	0	0	1
Total Credits									20
Total Contact Hours/week									30

M.Tech Biotechnology (Curriculum - III)

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24MBI601	Social Immersion Project	Project	PRJ	0	0	0	4	2
2	24MBI602	Project Phase I: Industry Project	Project	PRJ	0	0	0	20	10
3	24MBE604	Professional Elective-IV	Theory	PE	3	0	0	0	3
4	24MBE605	Professional Elective-V	Theory	PE	3	0	0	0	3
5	24MBE606	Professional Elective-VI	Theory	PE	3	0	0	0	3
Total Credits									21
Total Contact Hours/week									31

M.Tech Biotechnology (Curriculum - IV)

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24MBI603	Project Phase II: Industry Project	Project	PRJ	0	0	0	40	20
Total Credits									20
Total Contact Hours/week									40

B.Tech – Fashion Technology: Semester III

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24BTP005	Mastering Computer Software	HS	Practical	0	0	2	0	1
2	24MA1031	Applied Statistics for Engineers	HS	Embedded	3	0	0	0	4
3	24FTT101	Fashion Pattern Making	PC	Theory	3	0	0	0	3
4	24FTT202	Pattern Drafting Laboratory	PC	Practical	0	0	2	0	1
5	24FTT203	Concepts of Fashion Formulations	PC	Theory	3	0	0	0	3
6	24FTT204	Fashion Illustration Laboratory	PC	Practical	0	0	2	0	1
7	24FTT206	Fabric and Fabric Manufacturing	PC	Theory	3	0	0	0	3
8	24FTT206	Sewing Technique and Apparel Design	PC	Theory	3	0	0	0	3
9	24FTT307	Garment Construction Construction Laboratory	PC	Practical	0	0	2	0	1
10	24INP201	Innovation Practicum - 3	ES	Practical	0	0	2	0	1
11	24INM201	Universal Human Values II: Understanding Mahatma	HS	Theory	1	0	0	0	1
12	24INM... FCLP - General Stack - 3		OE	Practical	0	0	2	0	1
13	24FTT305	Internship	PR	Internship	0	0	0	0	1
Total Credits									24
Total Contact Hours/week									39

B.Tech – Fashion Technology: Semester IV

S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24BTP006	Mastering Group Discussion and Presentation Skills	HS	Practical	0	0	2	0	1
2	24FTT201	Knitting and Non-wovens	PC	Theory	3	0	0	0	3
3	24FTT402	Fashion Textiles And Decorative Techniques	PC	Embedded	2	0	0	0	3
4	24FTT403	Textile chemical processing and Finishing	PC	Embedded	2	0	0	0	3
5	24FTT404	Apparel Design and Pattern Drafting Techniques	PC	Theory	3	0	0	0	3
6	24FTT405	Apparel Construction Laboratory	PC	Practical	0	0	2	0	1
7	24FTT406	Apparel CAD Laboratory	PC	Practical	0	0	2	0	1
8	24FTT407	Apparel Machinery and Mechanisms	ES	Theory	3	0	0	0	3
9	24INM102	Environmental Science and Sustainability	HS	Embedded	1	0	0	0	2
10	24INP202	Innovation Practicum - 4	ES	Practical	0	0	2	0	1
11	24INM... FCLP - Technical Stack - 1		OE	Practical	0	0	2	0	1
12	24INM... FCLP - Emerging Stack - 1		OE	Practical	0	0	2	0	1
13	24INM102	Indian Knowledge Systems in Science and Engineering	HS	Theory	1	0	0	0	1
Total Credits									24
Total Contact Hours/week									33

B.Tech Textile Technology Curriculum III Semester

Semester III										
S.No	Course code	Course Title	Course Type	CC	L	T	P	J	C	
1	24TTI201	Textile Fibres	Embedded	PC	3	0	2	0	4	
2	24TTI202	Yarn Manufacturing Technology - I	Embedded	PC	3	0	2	0	4	
3	24TTI203	Weaving Technology - I	Embedded	PC	3	0	2	0	4	
4	24TTI204	Internship	Internship	PRJ	0	0	0	0	1	
5	24MAI232	Applied Statistics for Engineers	Embedded	BS	3	0	2	0	4	
6	24HSP005	Mastering Conversations	Practical	HS	0	0	2	0	1	
7	24NM201	Universal Human Values II: Understanding Harmony	Theory	HS	1	0	0	0	1	
8	24ENQ	FCLF - General Stack-3	Practical	OE	0	0	2	0	1	
9	24INP201	Innovation Practicum - 3	Practical	ES	0	0	2	0	1	
10	24EIT23	Measurements and Instrumentation for Textiles	Embedded	ES	3	0	2	0	4	
Total Credits										25
Total Contact Hours/week										32

B.Tech Textile Technology Curriculum IV Semester

Semester IV										
S. No	Course code	Course Title	Course Mode	CT	L	T	P	J	C	
1	24TTI205	Characteristics of Textile Fibres	Theory	PC	3	0	0	0	3	
2	24TTI206	Yarn Manufacturing Technology - II	Embedded	PC	3	0	2	0	4	
3	24TTI207	Weaving Technology - II	Embedded	PC	3	0	2	0	4	
4	24TTI208	Textile Design and Structures	Embedded	PC	2	0	2	0	3	
5	24TTI209	Knitting Technology	Embedded	PC	3	0	2	0	4	
6	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	HS	0	0	2	0	1	
7	24NM202	Environmental Science and Sustainability	Embedded	HS	1	0	2	0	2	
8	24INO	FCLF - Technical Stack - 1	Practical	OE	0	0	2	0	1	
9	24INO	FCLF - Emerging Stack - 1	Practical	OE	0	0	2	0	1	
10	24INP202	Innovation Practicum - 4	Practical	ES	0	0	2	0	1	
Total Credits										24
Total Contact Hours/week										29
Indian Knowledge Systems										

Department of Mathematics Curriculum (III & IV)

Semester III										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MAT231	Partial Differential Equations and Transform Techniques (AE, AU, CE, ME, MCE)	Theory	BS	3	1	0	0	4	
2	24MAT232	Applied Statistics for Engineers (IT, BT, ET)	Embedded	BS	3	0	2	0	4	
3	24MAT233	Probability and Applied Statistics (E1 & E2)	Embedded	BS	3	0	2	0	4	
4	24MAT234	Computational Probability and Statistics (CS, IT, AD)	Embedded	BS	3	0	2	0	4	
Semester IV										
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C	
1	24MAT241	Numerical Methods and Probability (AE, AU, CE, ME, MCE)	Embedded	BS	3	0	2	0	4	
2	24MAT242	Probability and Random Processes (only for EC)	Theory	BS	3	1	0	0	4	
3	24MAT243	Discrete Mathematics and Optimization (CS, IT)	Theory	BS	3	0	0	0	3	
4	24MAT244	Random Processes and Optimization (only for AD)	Theory	BS	3	0	2	0	3	

7.

Faculty of
Science and
Humanities

Department of Mathematics

Minor Course on Data Science									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24MAR21	Statistical Foundations for Data Science	Embedded	BS	3	0	2	0	4
2	24MAR22	Python Programming	Embedded	BS	1	0	2	0	2
3	24MAR31	Data Analytics	Embedded	BS	2	0	2	0	3
4	24MAR32	Deep Learning	Embedded	BS	2	0	2	0	3
5	24MAR41	Data Science Tools	Embedded	BS	2	0	2	0	3
6	24MAR42	Minor Project	Project	BS	2	0	2	0	3
Total Credits									18

Department of Chemistry

The experts have approved the following courses

- 24INM202 -- Environmental Science and Sustainability, scheduled to be offered in the 4th semester with two credits
- 24INM -- Principles of Sustainability and Environmental Science, scheduled to be offered as a one-credit online course for M.C.A. students

Physics Curriculum (I and II Semesters)

Semester I									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24INJ001	Freshmen Design Project I	Project	ES	0	0	0	6	3
2	24INM001	Indian Knowledge System	Theory	HS	1	0	0	0	0
3	24HSP111	Holistic Wellness I	Practical	HS	0	0	2	0	1
Semester II									
S.No	Course code	Course Title	Course Type	Course Category	L	T	P	J	C
1	24INJ002	Freshmen Design Project II	Project	ES	0	0	0	6	3
2	24HSP112	Holistic Wellness II	Practical	HS	0	0	2	0	1
3	24INM002	Indian Knowledge System in Science and Engineering	Theory	HS	1	0	0	0	1

Department of Languages & Communication

Curriculum Sem 1 to 6					
Course	Title of the Course	Course Code	Credit	KSI	Other Clusters
1	Effective Communication	24HST103	2	Sem 1	Sem 2
	Professional Communication	24HST104			
	Fluency Through Practice	24HST102			
2	Mastering Conversations	24HSP005	1	Sem 2	Sem 3
3	Mastering Group Discussion and Presentation Skills	24HSP006	1	Sem 3	Sem 4
4	Building Professional Readiness	24HSP007	1	Sem 4	Sem 5
5	Language Electives		2	Sem 5	Sem 6

Department of Languages & Communication Curriculum (III & IV)

Semester No 3 and 4									
S.No	Course code	Course Title	Course Type	OC	L	T	P	2	C
1	24HSP006	Mastering Group Discussion and Presentation Skills	Practical	05	0	0	2	0	1
2	24HSP007	Building Professional Readiness	Practical	05	0	0	2	0	1

Amendments – MBA Agribusiness management

S.No	Subject Code	LIST OF NEW COURSE TITLE ADDED	Credits
1	24ABT502	Managerial Economics in Agriculture (Sem I)	3
2	24ABT518	Introduction to Agribusiness Management (Sem I)	4
3	24ABT507	Project Management and Entrepreneurship Development (Sem II)	3
4	24ABT510	Business Analytics (Sem II)	3
5	24ABT511	Agricultural Input Marketing (Sem II)	4
6	24ABT521	Agricultural Extension Management (Sem II)	3
7	24ABT613	Agricultural Planning and Strategic Management (Sem III)	3
8	24ABT614	Agricultural Sales and Distribution Management (Sem III)	4
9	24ABT615	Rural Marketing (Sem III)	4
10	24ABT616	Risk Management in Agriculture (Sem IV)	3
11	24ABT617	Digital and Social Media Marketing (Sem IV)	3
12	24ABT618	Agricultural Export Management and International Trade (Sem IV)	3

8.

Faculty of
Management
Sciences

Amendments – Open electives

S.No.	Subject Code	LIST OF NEW COURSE TITLE ADDED	Credits
1	24ABE526	Agri-Entrepreneurship Development and Venture Creation	4
2	24ABE627	Management of Cooperatives and Farmer Producer Organizations (FPO)	4
3	24ABE628	Commodity Trading-Marketing, Futures and Options	4
4	24ABE629	Food Technology and Cold-chain Processing Management	4
5	24ABE630	Agricultural Finance and Agri Commercial Banking	4
6	24ABE631	Procurement and Supply Chain Management	3
7	24ABE632	Role of AI and IOT in Agriculture	3
8	24ABE633	Sustainable Agriculture Management	3
9	24ABE634	Farm Power and Machinery Management	3

List of OE Courses – 1 Credit

FCLF Courses

24NO101	SOCIAL ENTREPRENEURSHIP
24NO102	ACHIEVEMENT MOTIVATION AND LEARNABILITY QUOTIENT
24NO103	INNOVATIVE CRAFTWORKS
24NO104	JOURNALISM
24NO105	BUILDING EMOTIONAL INTELLIGENCE
24NO106	WINNING MINDSET FOR CAREER SUCCESS
24NO107	THE LIFE CHANGING SKILLS
24NO108	SHARATANATYAM FOR BEGINNERS
24NO109	FUNDAMENTALS OF SELF-DEFENCE AND FITNESS THROUGH MARTIAL ARTS
24NO110	UNIVERSAL RELATIONSHIP SKILLS
24NO111	FUNDAMENTALS OF DIGITAL DESIGN
24NO112	PSYCHOLOGY OF PERSONALITY AND PROFESSIONAL CHOICES
24NO113	FREEHAND OUTLINE AND MODEL DRAWING
24NO114	GREATNESS AND HOLISTIC MEALING OF NO OIL-NO BOIL FOOD
24NO115	BRANDING AND ADVERTISEMENT
24NO116	THE ART OF TEAM WORK
24NO117	CREATIVE ART IN 2D GRAPHICS
24NO118	BUILDING RESILIENCE IN DIGITAL AGE
24NO119	MATHEMATICAL HERITAGE BY EXPLORING VEDIC TECHNIQUES
24NO120	INDIAN CULTURE AND CIVILIZATION
24NO121	GAMIFICATION IN EDUCATION
24NO122	RHYTHMIC FITNESS
24NO123	COMPANY INCORPORATION AND STARTUP ECOSYSTEM
24NO124	THE ART OF WILDLIFE AND SPORTS PHOTOGRAPHY
24NO125	DIGITAL ANIMATION
24NO126	CRITICAL THINKING AND PROBLEM SOLVING
24NO127	BASICS OF ROADMAPPING IN LIFE
24NO128	HEAL YOUR SOUL
24NO129	ESSENTIAL MATH FOR BEGINNERS TO EXCEL IN PLACEMENTS
24NO130	SUSTAINABILITY FOUNDATIONS: FROM PRINCIPLES TO PRACTICE
24NO131	MASTERING STAGE PERFORMANCE
24NO132	PERSONALITY REFINING THERAPY

		List of OE Courses – 1 Credit 24INO133 COMPETITIVE SPIRIT FOR CAREER SUCCESS 24INO134 ETHICS AND AESTHETICS: HUMANITIES APPROACHES TO PERMACULTURE AND SUSTAINABILITY 24INO135 BIODIVERSITY AND SOCIAL ETHICS 24INO136 INTRODUCTION TO NCC: A FOUNDATION FOR SOCIAL RESPONSIBILITY 24INO137 CYBER CRIME AND LAW: A SOCIAL PERSPECTIVE 24INO138 LEADERSHIP THROUGH DRILL AND FIELD PRACTICES 24INO139 EMOTIONAL INTELLIGENCE FOR EMERGING LEADERS 24INO140 A STEP TOWARDS SELF-REALIZATION 24INO141 CAMPUS SUSTAINABILITY 24INO142 CAREER PLANNING 24INO143 FOUNDATION OF ARI WORK AND EMBROIDERY 24INO144 SIDDHA MARUTHUVAH: AN INTRODUCTION TO TRADITIONAL HEALING PRACTICES 24INO145 TRANSDISCIPLINARY TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT 24INO146 ENVIRONMENTAL STEWARDSHIP AND LEADERSHIP IN SUSTAINABILITY 24INO147 THE ART OF FILM AND MEDIA: A CULTURAL PERSPECTIVE 24INO148 INDIAN KNOWLEDGE SYSTEMS AND TRADITIONS 24INO149 REVENUE ADMINISTRATION IN TAMIL NADU 24INO150 FUNDAMENTALS OF ENERGY PSYCHOLOGY 24INO151 CLASSROOM TO CORPORATE 24INO152 ESSENTIAL LIFE SKILLS: SAFETY, FIRE PREVENTION AND FIRST AID 24INO153 TACTICAL SKILLS AND LEADERSHIP IN NCC 24INO154 BASICS OF PHOTOGRAPHY 24INO155 CREATIVE FILMMAKING TECHNIQUES FOR BEGINNERS 24INO156 MASTERING THE BASICS OF SHAMBHAM: AN INDIAN TRADITIONAL MARTIAL ARTS 24INO157 CLEAN ENERGY TRANSITION 24INO158 CLIMATE-SMART AGRICULTURE 24INO159 NATURE CONSERVATION 24INO160 SUSTAINABLE HUMAN SETTLEMENTS 24INO161 SOCIAL INNOVATION FOR SUSTAINABLE DEVELOPMENT
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After detailed deliberations, the council approved the above proposal.

07. Feedback and Suggestions from Members and Experts

Dr.M.Ezhilarasi, Principal, Chairman, Academic Council, requested the Council to represent the institutions' proposal regarding international collaborations through course integration with foreign universities and also for twinning programmes.

Dr.G.B.Bhaskar, Professor, Anna University, Chennai suggested embedding SAT-style assessments, with a balance of 60% theory and 40% practical, such as quizzes, to enhance evaluation methods. He advised that the outcomes of newly introduced academic practices be periodically presented in future meetings. He also suggested that the current placement status be shared for review and that self-learning courses in postgraduate programmes be permitted only for students with a CGPA of 7.5 or above, ensuring academic readiness for independent learning.

Dr.M.Krishnaveni, Professor, Anna University, Chennai appreciated the efforts taken by the institution in development of curriculum to align with stakeholders' requirements.

Dr. A.Arunya Revathi, Professor, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi suggested to include the feedback from the minority (underprivileged) students in framing the curriculum and syllabi.

Dr. W. Selvamurthy, President, Amity University appreciated the institution's progress and extended best wishes for its continued success. He encouraged greater global engagement through international collaborations, internships, and the inclusion of courses in emerging technologies. He emphasized the need to integrate behavioural sciences, value-added courses, translational research, and subjects related to quality, reliability, and safety.

Mr. Shankar Subburathinam, Engineering Manager from Caterpillar, an industry expert, recommended investing in industrial testing equipment to strengthen industry-institute partnerships. He appreciated the institution's flexible curriculum design and suggested the introduction of certificate courses by industries and collaborations with professional bodies like ASM International, including forming an ASM Student Chapter. He emphasized the importance of training students in email etiquette and technical report writing and extended an invitation for collaboration with Caterpillar on internship opportunities.

Dr.S.Gopinath from UST Global recommended that the institution can market its clubs and forums more effectively to industries and professional bodies to build visibility and engagement.

08. Presentation of Academic Calendar and Approval

Dr.A.Vasuki, Head, Department of Academics, presented the Academic Calendar for the academic year 2025–2026 and shared the number of working days planned for the year and sought the Council's approval.

ACADEMIC CALENDAR 2025–2026
B E / BTech / M E / MTech / MCA – II, III, IV year



AY 2025 – 26, ODD SEMESTER Semester III, V, VII	
Commencement of Classes	9 th July 2025
CAT I	8 th Sep 2025
CAT II	30 th Oct 2025
Last Day of Instruction	7 th Nov 2025
Commencement of ESE	15 th Nov 2025
No. of working days	82

ACADEMIC CALENDAR 2025–2026
B E / BTech / M E / MTech / MCA – II, III, IV year



AY 2025 – 26, EVEN SEMESTER Semester IV, VI, VIII	
Commencement of Classes	29 th Dec 2025
CAT I	16 th Feb 2026
CAT II	20 th April 2026
Last Day of Instruction	30 th Apr 2026
Commencement of ESE	8 th May 2026
No. of working days	79

ACADEMIC CALENDAR 2025-2026 MBA II Year (Gen/PM/LSCM)



AY 2025 – 26, ODD SEMESTER Semester III	
Commencement of Classes	12 th Aug 2025 & 18 th Aug 2025 (LSCM)
CAT I	6 th Oct 2025
CAT II	8 th Dec 2025
Last Day of Instruction	17 th Dec 2025
Commencement of ESE	22 nd Dec 2025
No. of working days	86 & 83 (LSCM)

ACADEMIC CALENDAR 2025-2026 MBA II Year (Gen/PM/LSCM)

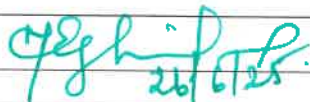
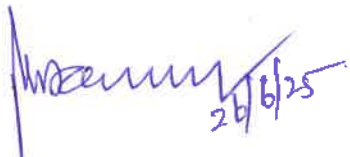


AY 2025 – 26, EVEN SEMESTER Semester IV	
Commencement of Classes	5 th Jan 2026
CAT I	19 th Feb 2026
CAT II	16 th Apr 2026
Last Day of Instruction	24 th Apr 2026
Commencement of ESE	4 th May 2026
No. of working days	82

08. Vote of Thanks

Dr. J. Vijay Prakash delivered the closing remarks and proposed the vote of thanks, expressing gratitude to all the members of the Academic Council for their valuable contributions and active participation. Special thanks were extended to the **Chairman, President, and Principal** of the institution for their continued support and vision. Appreciation was also conveyed to the **nominees from Anna University, industry experts, and the President of Amity University** for their insightful suggestions and presence, which enriched the discussions and outcomes of the 28th Academic Council Meeting.

Approved by**Signature**

1	Dr. Ezhilarasi M	Chairman - Academic Council	
Nominee of Anna University			
2	Dr. M. Krishnaveni	Professor, Department of Civil Engineering CEG Campus Anna University, Chennai – 600 025 Phone: 044 22357506 Mobile Number: 9840202974 mkveni@annauniv.edu	
3	Dr. G. B. Bhaskar	Professor, Department of Production Technology MIT Campus Anna University, Chennai – 600 044. Phone: 044 22516154 Mobile Number : 9444140339 drghbhaskat@mitindia.edu	
4	Dr. A. Arunya Revathi	Professor, Department of EEE., Alagappa Chettiar Government College of Engineering and Technology, Karaikudi – 6300030 Sivagangai, Tamilnadu. Mob.No:hone:9443502182 arunyarevathi_eee@yahoo.co.i n	

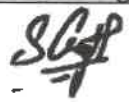
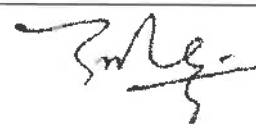
The meeting came to an end at 1.15 pm.


Chairman, Academic Council / Principal

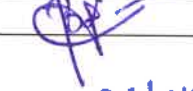
Dr. M. EZHILARASI
PRINCIPAL

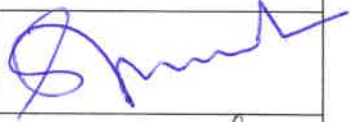
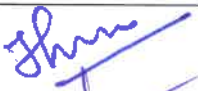
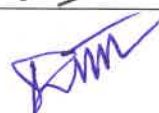
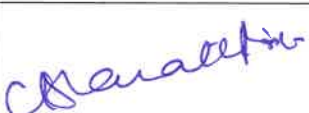
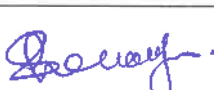
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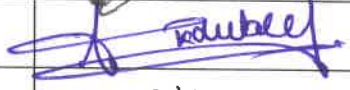
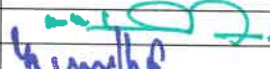
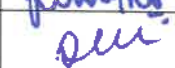
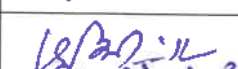
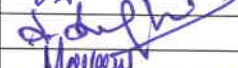
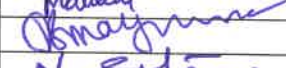
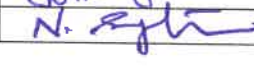
Experts nominated by the Governing Body:

SLNo.	Name of the Member	Organization	Signature
5	Dr. S.Gopinath. (Industry)	Practice Head-ADAS, Automotive CoE, UST Global, Bengaluru, India 9845168026 selpopi@gmail.com	
6	Mr. Shankar Subburathinam (Industry)	Engineering Manager Advanced Materials Technology-India Integrated Components and Solutions Division, Caterpillar India Pvt Ltd. Thiruvallur 602 004 9962352227 subburathinam_shankar@cat.com	
7	Dr. W. Selvamurthy (Education) Joined via the online platform.	President, Amity Science, Technology and Innovation Foundation (ASTIF) Director General, Amity Directorate of Science and Innovation (ADSI) Chancellor, Amity University, Chhattisgarh. 9871372441/9818801028 wselvamurthy@amity.edu	Attended via online (Annexure I)
8	Mr. Manish Bafna (Industry)	Senior Vice President of Technology at RFPIO (now Responsive), Coimbatore 90433 4050 manish.bafna.82@gmail.com	Not Attending
9	B.K. Narayanaraja . (93-ECE-32) 1997- ECE (Industry)	Vice President – Semiconductor India Sales, Tech Mahindra, Bangalore 9845129900 teamnraja@yahoo.com narayanaraja.bk@techmahindra.com	Not Attending
10	R. Kanchana Devi. (93-EEE-17) 1997 / EEE (Industry)	Director, Cognizant, Coimbatore 9442344065, rkanchu@yahoo.com	Not Attending

Internal Members and Board Chairman / Chairpersons:

Sl. No.	Name of the Member	Designation & Department	Signature
11	Dr. K.R. Aranganayagam	Deputy Controller of Examinations	
12	Dr. Bhaarithi Dhurai	Head – Autonomous	
13	Dr. J. Vijay Prakash	AO (OAC) & Convener, AC Meeting	
14	Dr. Vinohar Stephen Rapheal	Head – Academic Innovations, Head- Biotechnology Chairperson, Faculty of Technology	
15	Dr. B. Senthilkumar	Coordinator – Autonomous	
16	Dr. V. Gayathri	Head, Civil Engineering Chairperson, Faculty of Civil Engineering	

Sl. No.	Name of the Member	Designation & Department	Signature
17	Dr.P.S. Samuel Ratna Kumar	Head, Mechanical Engineering Chairperson, Faculty of Mechanical Engineering	
18	Dr. M. Saravanan Mohan	Head, Mechatronics Engineering. Program Chair, Board of Mechatronics Engineering	
19	Dr. J. D. Andrew Pon Abraham	Head, Automobile Engineering, Program Chair, Board of Automobile Engineering	
20	Dr. M. Senthilkumar	Head, Aeronautical Engineering Program Chair, Board of Aeronautical Engineering	
21	Dr. N. Ramesh Babu	Professor & Dean - Electrical Sciences and Curriculum Design & Development, Chairperson, Faculty of Electrical Engineering	
22	Dr. P. Thirumoorthy	Head, Electrical and Electronics Engineering Program Chair, Board of Electrical & Electronics Engineering	
23	Dr. V. Dinesh Kumar	Head, Electronics and Instrumentation Engineering Program Chair, Board of Electronics & Instrumentation Engineering	
24	Dr. M. Bharathi	Head, Electronics & Communication Engineering Chairperson, Board of Electronics & Communication Engineering	
25	Dr. Divya Vadlamudi	Director (i/c) – Kumaraguru School of Innovation (KSI), Chairperson, Faculty of Computer Science and Engineering and Information Technology	
26	Dr: C. Bharathi Priya	Assistant Professor II, Computer Science and Engineering, Program Chair, Board of Computer Science and Engineering	
27	Dr. S. Nithya Roopa	Assistant Professor III, Information Technology, Program Chair, Board of Information Technology	
28	Dr.P.Shenbagam	Head (i/c), Artificial Intelligence and Data Science Program Chair, Board of Artificial Intelligence and Data Science	
29	Dr.V. Vijilesh	Head, Master of Computer Applications Program Chair, Board of Computer Applications	
30	Dr. M.Saravanan	Head, Textile Technology Program Chair, Board of Textile Technology	
31	Dr. R. Priyadarshini	Head, Fashion Technology, Program Chair, Board of Fashion Technology	

Sl. No.	Name of the Member	Designation & Department	Signature
32	Dr. J. Dhivya	Head, Mathematics Chairperson, Faculty of Science and Humanities	
33	Dr. H. Arul	Head, Physics Program Chair, Board of Physics	
34	Dr K. Kalapriya	Head, Chemistry Program Chair, Board of Chemistry	
35	Dr. S. Sreejana	Head, Department of Languages and Communication Program Chair, Board of English	
36	Dr. S. Sangeetha	Head In charge, Professor Chairperson, Faculty of Management Sciences	
37	Dr.A.Latha,	Associate Professor Program Chair, Board of MBA	
38	Mr. Aman Kumar Dubey	Assistant Professor Program Chair, Board of MBA(IEV)	
39	Dr.Buggavarapu VSS Subbarao	Assistant Professor Program Chair, Board of MBA (PM & LSM)	
40	Dr.K.Raman	Head, Associate Professor, Agribusiness Management Program Chair, Board of Agribusiness Management	
41	Dr.S.Raghupathy	Director - Strategic Planning and Review	
42	Dr. K. Sundararaj	Associate Dean, PG Program	
43	Dr.S.Sivakumar	Associate Dean – School of Foundational Sciences	
44	Dr.K.K.Anil Kumar	Associate Dean CCE & EP	
45	Prof. A.Pavendhan	Associate Dean, Textile Cluster	
46	Dr.A.Vasuki	Associate Dean - Department of Academics	
47	Dr.K.S.Badrinathan	Associate Dean - Academic Administration	
48	Dr. S. Selvanayagi	Head - IQAC	
49	Dr.R.Manivel	Associate Dean- RIDE	
50	Dr.P.S.Mayurappriyan	Associate Dean- Accreditation	
51	Dr.N.Sangeetha	Head – Academic Audit	


Chairman, Academic Council / Principal

Dr. M. EZHILARASI
PRINCIPAL

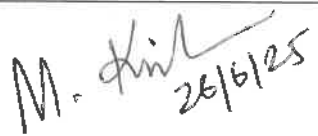
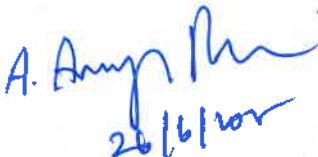
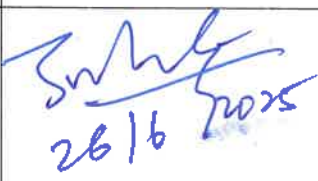
Kumaraguru College of Technology
Coimbatore - 641 049.

To: All the members

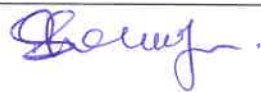
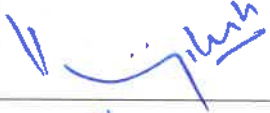
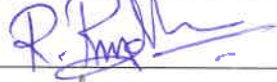
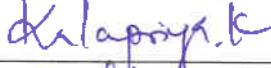
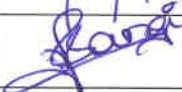


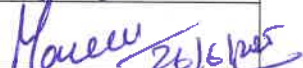
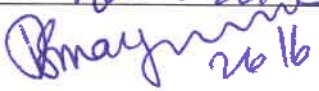
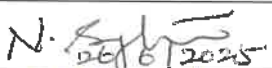
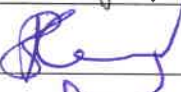
Date: 26.06.2025

28th Academic Council Meeting
Attendance sheet
MEMBERS OF THE ACADEMIC COUNCIL

Sl.No.	Name of the Member	Designation & Department	Signature
1.	Dr. Ezhilarasi M	Principal, Chairman - Academic Council	
2.	Dr. M. Krishnaveni	Professor, Department of Civil Engineering CEG Campus Anna University, Chennai – 600 025 Phone: 044 22357506 Mobile Number: 9840202974 mkveni@annauniv.edu	 26/6/25
3.	Dr. G. B. Bhaskar	Professor, Department of Production Technology MIT Campus Anna University, Chennai – 600 044. Phone: 044 22516154 Mobile Number : 9444140339 drghbhaskat@mitindia.edu	 26/6/25
4.	Dr. A. Arunya Revathi	Professor, Department of EEE., Alagappa Chettiar Government College of Engineering and Technology, Karaikudi – 6300030 Sivagangai, Tamilnadu. Mob.No:hone:9443502182 arunyarevathi_eee@yahoo.co.in	 26/6/25
5.	Dr. S.Gopinath. (Industry)	Practice Head-ADAS, Automotive CoE, UST Global, Bengaluru, India	 26/6/25
6.	Mr.Manish Bafna (Industry)	Senior Vice President of Technology at RFPIO (now Responsive), Coimbatore	-
7.	Mr. Shankar SUBBURATHINAM (Industry)	Engineering Manager Advanced Materials Technology-India Integrated Components and Solutions Division Caterpillar India Pvt Ltd. Thiruvallur 602 004	 26/6/2025

Sl.No.	Name of the Member	Designation & Department	Signature
8.	Dr. W. Selvamurthy (Education)	President, Amity Science, Technology & Innovation Foundation at Amity University, Delhi	
9.	B.K.Narayanaraja . (93-ECE-32) 1997- ECE (Industry)	Vice President – Semiconductor India Sales, Tech Mahindra, Bangalore	—
10.	R.Kanchana Devi. (93-EEE-17) 1997 / EEE (Industry)	Director, Cognizant, Coimbatore	—
11.	Dr. V.Gayathri	Head, Civil Engineering Chairperson, Faculty of Civil Engineering	V. Gayathri 26/6/25
12.	Dr.P.S. Samuel Ratna Kumar	Head, Mechanical Engineering Chairman, Faculty of Mechanical Engineering	P. S. Samuel Ratna 26/6/25
13.	Dr. M. Saravanan Mohan	Head, Mechatronics Engineering. Program Chair, Board of Mechatronics Engineering	M. Saravanan Mohan 26/6/25
14.	Dr. J. D. Andrew Pon Abraham	Head, Automobile Engineering, Program Chair, Board of Automobile Engineering	J. D. Andrew Pon Abraham
15.	Dr. M. Senthilkumar	Head, Aeronautical Engineering Program Chair, Board of Aeronautical Engineering	M. Senthilkumar (Dr. S. Senthilkumar)
16.	Dr. N. Ramesh Babu	Professor & Dean - Electrical Sciences and Curriculum Design & Development. Chairperson, Faculty of Electrical Engineering	N. Ramesh Babu
17.	Dr. P Thirumoorthy	Head, EEE Programme chair Board of Electrical & Electronics Engineering	P. Thirumoorthy
18.	Dr. V. Dinesh Kumar	Head-EIE, Program Chair, Board of Electronics & Instrumentation Engineering	V. Dinesh Kumar 26/06/25
19.	Dr. M. Bharathi	Head, ECE Chairperson, Board of Electronics & Communication Engineering	M. Bharathi 26/6/25
20.	Dr. Divya Vadlamudi	Director(i/c)- KSI, Chairperson, Faculty of Computer Science and Engineering and Information Technology	Divya Vadlamudi
21.	Dr. C. Bharathi Priya	Assistant Professor II Head In charge, Computer Science Programme chair, Faculty of Computer Science and Engineering and Information Technology	C. Bharathi Priya

Sl.No.	Name of the Member	Designation & Department	Signature
22.	Dr. S. Nithya Roopa	Assistant Professor III Head In charge, Information Technology, Programme chair, Faculty of Computer Science and Engineering and Information Technology	
23.	Dr.P.Shenbagam	Head, Artificial Intelligence and Data Science Program chair, Board of Artificial Intelligence and Data Science	
24.	Dr.V. Vijilesh	Head, MCA Program Chair, Board of Computer Applications	
25.	Dr.Vinohar Stephen Rapheal	Head, Biotechnology, Chairman, Faculty of Technology Program chair, Board of Biotechnology Head - Academic Innovations	
26.	Dr. M.Saravanan	Head, Textile Technology Program Chair, Faculty of Technology	
27.	Dr. R. Priyadarshini	Head, Fashion Technology, Program Chair, Board of Fashion Technology	
28.	Dr. J. Dhivya	Head, Mathematics Chairperson, Faculty of Science and Humanitie	
29.	Dr. H .Arul	Head, Physics Program Chair, Board of Physics	
30.	Dr K. Kalapriya	Head, Chemistry Program Chair, Board of Chemistry	
31.	Dr. S. Sreejana	Head, Department of Languages and Communication Program Chair, Board of English	
32.	Dr. S. Sangeetha	HoD In-Charge, Professor Chairperson, Faculty of Management Sciences	
33.	Dr.A.Latha,	Associate Professor Program Chair, Faculty of Management Scienc	
34.	Dr.Aman Kumar Dubey,	Associate Professor Program Chair, Faculty of Management Scienc	
35.	Dr.Buggavarapu VSS Subbarao	Associate Professor Program Chair, Faculty of Management Scienc	
36.	Dr.K.Raman	Head, Associate Professor Agribusiness Management Program Chair, Faculty of Management Scienc	
37.	Dr.S.Raghupathy	Director- Strategic Planning and Review	
38.	Dr.K.R.Aranganayagam	Deputy Controller of Examinations	
39.	Dr. K. Sundararaj	Associate Dean, PG Program	
40.	Dr.S.Sivakumar	Associate Dean – School of Foundation Scienc	

Sl.No.	Name of the Member	Designation & Department	Signature
41.	Dr.K.K.Anil Kumar	Associate Dean CCE & EP	
42.	Prof. A.Pavendhan	Associate Dean, Textile Cluster	
43.	Dr.A.Vasuki	Head Department of Academics	
44.	Dr.Badrinathan. K.S	Associate Dean / Academic Administration	
45.	Dr. S. Selvanayagi	Head - IQAC	
46.	Dr.R.Manivel	Associate Dean- RIDE	
47.	Dr.Mayurappriyan P.S	Assistant Dean – Accreditation	
48.	Dr.N.Sangeetha	Dean - Audit	
49.	Dr.Bhaarathi Dhurai	Head – Autonomous	
50.	Dr.B.Senthil Kumar	Coordinator-Autonomous	
51.	Dr. J. Vijay Prakash	Convener, Academic Council Meeting	

52. M.FREDDY CHRIS

AP - MBA [KCT-BS]

53. Dr. K. Anil

AP - MBA

54. Dr. J. V. S. Subbarao

AP-II, MBA, KCT BS



Dr. J. V. S. Subbarao



Re: Request on approval of the Minutes of Academic Council Meeting- Regarding

From Gopinath Selvaraj(UST,IN) <Gopinath.Selvaraj@ust.com>

Date Thu 7/3/2025 6:57 PM

To Principal <Principal@kct.ac.in>

Cc BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>; SENTHIL KUMAR B <senthilkumar.b.mec@kct.ac.in>; VIJAY PRAKASH J <ao@kct.ac.in>; Gopinath S <selgopi@gmail.com>

1 attachment (8 MB)

ACM+Final+Copy+03.07.2025+time+12.15_Signed_Gopinath.pdf;

CAUTION: This email has originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Principal,

Please find attached the signed MoM (Digital signed).

Regards,

Dr. Gopinath Selvaraj
Head-ADAS & AD Practice
Automotive CoE, UST International Pvt Ltd
12th Floor, Tower-B, Prestige Shantiniketan
Thigalarapalya, Whitefield
Bangalore – 560066
Mob: 9845168026 | Email: Gopinath.Selvaraj@ust.com
Visit us @ <https://www.ust.com>

From: Gopinath S <selgopi@gmail.com>

Sent: Thursday, July 3, 2025 6:41 PM

To: Gopinath Selvaraj(UST,IN) <Gopinath.Selvaraj@ust.com>

Subject: Fwd: Request on approval of the Minutes of Academic Council Meeting- Regarding

External Email

Do not click any links or open any attachments unless you trust the sender and know the content is safe.

----- Forwarded message -----

From: **Principal** <Principal@kct.ac.in>

Date: Thu, Jul 3, 2025 at 2:31 PM

Subject: Request on approval of the Minutes of Academic Council Meeting- Regarding

To: Gopinath S <selgopi@gmail.com>

Cc: BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>, SENTHIL KUMAR B <senthilkumar.b.mec@kct.ac.in>, VIJAY PRAKASH J <ao@kct.ac.in>

KCT/AUC/ACM/2024-25
2025

Date:2-7-

To:

Dr. Gopinath. S,

Practice Head-ADAS, Automotive CoE,

UST Global,

Bengaluru, India

Mob: 9845168026

Email ID: selgopi@gmail.com

Dear Sir,

Sub: Anna University Nominee for Kumaraguru College of Technology, Coimbatore-Autonomous Institution- Academic Council - Regarding

Ref: letter No.3866/AU.CAC/AC-KCT/2024-25 Dated:21.01.2025 from the Director, Centre for Academic Courses, Anna University, Chennai.

Greetings from Kumaraguru College of Technology!

We sincerely thank you for your gracious presence and active participation in the Academic Council Meeting held on 26th June 2025 at 11:00 a.m. in the QUORUM Hall, B Block, Kumaraguru College of Technology, Coimbatore.

Your valuable insights, suggestions, and expert perspectives added significant value to the discussions and deliberations during the meeting. We deeply appreciate the time and effort you dedicated to supporting our institution's academic advancement.

We kindly request you to review and incorporate your digital signature in the attached Minutes of the Meeting (PDF copy) at your earliest convenience to complete the formal documentation process.

Thank you once again for your continued support and contribution to the growth and excellence of Kumaraguru College of Technology.

Warm regards,

Dr.M.Ezhilarasi
Principal



Re: Request on approval of the Minutes of Academic Council Meeting- Regarding

From Sankar GS <Subburathinam_Shankar@cat.com>

Date Thu 7/3/2025 2:52 PM

To Principal <Principal@kct.ac.in>

Cc BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>; SETHIL KUMAR B <sethilkumar.b.mec@kct.ac.in>; VIJAY PRAKASH J <ao@kct.ac.in>

1 attachment (8 MB)

ACM+Final+Copy_GSS Signed.pdf;

CAUTION: This email has originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please find attached the document after my signature

Regards,

Shankar G Subburathinam

Manager Engineering,

Advanced Materials Technology-India,

CAT Technology ,

Caterpillar India, Thiruvallur, 602004, India.

Mobile: +91-984 006 2471.



Caterpillar: Confidential Green

From: Principal <Principal@kct.ac.in>

Sent: Thursday, July 3, 2025 2:32 PM

To: Sankar GS <Subburathinam_Shankar@cat.com>

Cc: BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>; SETHIL KUMAR B <sethilkumar.b.mec@kct.ac.in>; VIJAY PRAKASH J <ao@kct.ac.in>

Subject: Request on approval of the Minutes of Academic Council Meeting- Regarding

KCT/IE/ACM/2024-25

Date: 03-06-2025

To:

Mr. Shankar SUBBURATHINAM

Engineering Manager

Advanced Materials Technology-India

Integrated Components and Solutions Division

Caterpillar India Pvt Ltd.

Thiruvallur 602 004

Email: subburathinam_shankar@cat.com

Mobile No:9962352227

Dear Sir,

Sub: Anna University Nominee for Kumaraguru College of Technology, Coimbatore-Autonomous Institution- Academic Council - Regarding

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Warm regards,

Dr.M.Ezhilarasi
Principal



Re: Request on approval of the Minutes of Academic Council Meeting- Regarding

From Dr. W. Selvamurthy <wselvamurthy@amity.edu>

Date Fri 7/4/2025 5:30 PM

To Principal <Principal@kct.ac.in>

Cc BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>; SETHIL KUMAR B <sethilkumar.b.mec@kct.ac.in>; VIJAY PRAKASH J <ao@kct.ac.in>

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Minutes are recommended for approval.

Selvamurthy

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From: Principal <Principal@kct.ac.in>

Sent: Friday, July 4, 2025 4:31:51 PM

To: Dr. W. Selvamurthy <wselvamurthy@amity.edu>

Cc: BHAARATHI DHURAI <bhaarathidhurai.txt@kct.ac.in>; SETHIL KUMAR B <sethilkumar.b.mec@kct.ac.in>; VIJAY PRAKASH J <ao@kct.ac.in>

Subject: Request on approval of the Minutes of Academic Council Meeting- Regarding

CT/IE/ACM/2024-25

Date: 04-07-2025

To:

Dr. W. Selvamurthy (Education)

President, Amity Science, Technology and Innovation Foundation (ASTIF)

Director General, Amity Directorate of Science and Innovation (ADSI)

Chancellor, Amity University, Chhattisgarh.

9871372441/9818801028

wselvamurthy@amity.edu

Dear Sir,

Sub: Anna University Nominee for Kumaraguru College of Technology, Coimbatore-Autonomous Institution- Academic Council - Regarding

Ref: letter No.3866/AU.CAC/AC-KCT/2024-25 Dated:21.01.2025 from the Director, Centre for Academic Courses, Anna University, Chennai.

Greetings from Kumaraguru College of Technology!

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College of Technology, Coimbatore.

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Thank you once again for your continued support and contribution to the growth and excellence of Kumaraguru College of Technology.

Warm regards,

Dr.M.Ezhilarasi
Principal