



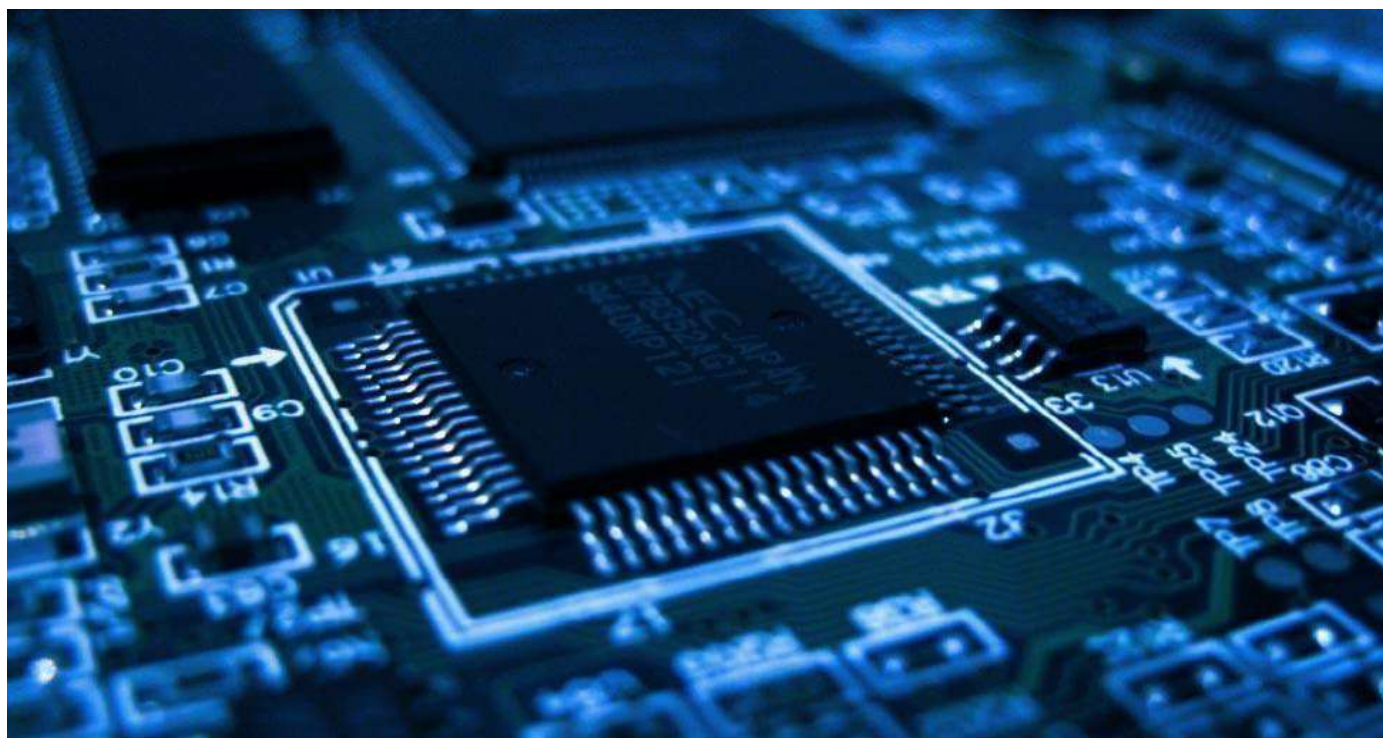
KUMARAGURU
college of technology
character is life

**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
ENGINEERING**

PRESENTS



E-TROLTRONICS
5-TH EDITION



EDITED BY

Student Coordinator:

Ms. Niranjana Ratsha S (21BEI024)

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Faculty Coordinator:

Dr V Dinesh Kumar / HOD / EIE

Mr. Umesh MV / ASP



VISION OF THE INSTITUTE

- The vision of the college is to become a technical university of International Standards through continuous improvement.

MISSION OF THE INSTITUTE

- Kumaraguru College of Technology[KCT] is committed to providing quality Education and Training in Engineering and Technology to prepare the students for life and equipping them to contribute to the technological, economic and social development of India. The college pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to Leadership.

VISION OF THE DEPARTMENT

- The Department of Electronics And Instrumentation Engineering (Esi) envisions a holistic education that transforms the learners into responsible engineers which shall enable them to identify significant problems both in Industry and Society to arrive at creative and sustainable solution through collaborative team works.

MISSION OF THE DEPARTMENT

- The Department of Electronics And Instrumentation Engineering aims at
- Implement modern andragogical approach in academics, innovative research initiatives and collaborative projects that shall ethically address the societal needs.
- Develop knowledge and skills required to excel in manufacturing ,automation and allied industries on a global platform.
- Expand the knowledge for higher studies and get inspired for lifelong learning.



Dr. Anil Kumar K K
Professor & Head, EIE

HOD's MESSAGE

Electronics & Instrumentation Engineering stabilised in the year 2006 is a specialized branch of Electrical and Electronic Engineering, which focuses on the principle and operation of field instruments SCADA, DCS, PLC'S and the process control systems which are used in design and configuration of automated systems. These engineers work in industries with automated processes, such as chemical or manufacturing plants, with the goal of improving system productivity, reliability, safety, optimization and stability. Within a short period, we have established all our laboratories and centres of excellence, which are required for the curriculum and several specialized equipment and software, which help the students to do their real time projects. We have placed our students in core industries like Yokogawa, Bosch, Data Patterns, TVS, Tesolve, Saipem, ECON, etc. Many of our alumni have successfully cracked CAT and GATE to gain entrance into the high portals of higher education. Also, we have our students pursuing their higher

ABOUT THE DEPARTMENT

Started in the year 2006, the department of Electronics & Instrumentation Engineering is running a 4-year undergraduate programme in Electronics & Instrumentation Engineering. Since its inception, the department has grown in leaps and bounds with the state of art infrastructure. Yokogawa Centre of Excellence, KCTFLUKE Centre of Excellence in Calibration, Siemens PLC Automation Laboratory are some of the major centres operational in addition to Advanced Process Control and Computerised sensors laboratories. The department has a team of well qualified, dedicated faculty members with vast experience in industrial and research background. The department is involved in active Industrial consultancy services for neighbouring Industries in the field of Automation. Certified calibration for Electro-Technical /Thermal/Pressure Instruments are some of the prominent consultancy services. Major and Minor projects funded by the government bodies and industries are focused on solving industrial needs. Our association with the professional bodies ISA, ISOI, IEEE, ISTE, IET and CSI is playing



DEPARTMENT ACTIVITIES

SKILL KIT WORKSHOP SERIES...

SKILLKIT WORKSHOP SERIES

Session 03 TOPIC: Portfolio

What is a Portfolio? It helps you stand out in the interview or when you are looking for a job. It is a collection of your work that shows your skills and experience. It is a way to show your work to others and get feedback. It is a way to show your work to others and get feedback. It is a way to show your work to others and get feedback.

Session 04 TOPIC: Acting Interviews and CV (Leveraging LinkedIn, Upwork)

Register today: bit.do/skillkitLev

Session 05 TOPIC: Sustainable Technology

Sustainable technologies have been the past few decades, driven by awareness. Making progress in sustainability is vital to secure the session to get to know about research and innovations to apply new insights.

Session 06 TOPIC: The Power of Presentations

Registration Link : <https://bit.ly/PowerOfPresentations>

November 23, Wednesday - 4.00 PM
Venue: ADM 207 (admin block)

Samritha - 8508620061
Samyuktha 8618738131

FUN OF MEASUREMENTS



Department of
Electronics &
Instrumentation
Engineering

IQAC
INTERNAL QUALITY ASSURANCE CELL



CELEBRATING THE INSPIRING
LIFE OF ARUTHELVAR
DR.N.MAHALINGAM
NM 100
1923 - 2014
CENTENARY CELEBRATIONS

FUN OF MEASUREMENT SYSTEM

Quiz and Project Competition

22 & 23, September 2022

Venue: Seminar Hall, EIE department.

DAY: 1

Name of activity: Quiz competition.

Date: 22/09/2022.

Venue: EIE - Seminar Hall.

Guest of Honour: Dr. K K Anil Kumar.

Target Audience: School Students of Grade 9th - 12th.

**Staff Coordinators: Jeya daisy I, Dinesh Kumar V, Manimekalai V,
Saravana Kumar S.**

An introduction about the department of Electronics and Instrumentation by our Guest of Honour

Dr. K K Anil Kumar. Showing Videos of KCT, Yugam 2022, and ORB. The icebreaking Session for school students was conducted with dumb charades and

connections by student coordinators. Break time for 15 mins with refreshments provided by our college. Inauguration of the event with all the 3 schools 73 student participants. Welcome address by our guest of Honour. A motivational speech by Dr. M V Umesh. A Brief lecture by Dr. P S Mayurapriyan. Quiz competition - preliminary rounds for both the 9th -10th category and the 11th - 12th category were conducted in separate halls for 20 mins.

9th - 10th category in D-303 and 11th - 12th category in D-302. After the preliminary round, They had a lunch break at campus dining which was provided by our college. After lunch top 8 students of the 9th - 10th category are shortlisted, and the top 10 students of the 11th - 12th category are shortlisted for the Main quiz round and conducted for 15 mins. Students visited the various laboratories in our department with the guidance of responsible faculties of Yokogawa center of Excellence, Process control laboratory, Siemens PLC and Automation laboratory, and Field Instrumentation Laboratory. After visiting the department Declaration of Result with a cash prize for winners and runners of both categories by our guest of Honour Dr. K K Anil Kumar.

9th - 10th category	Name	School name	Cash Prize
Winners	Team I	Coimbatore Public School.	Rs 3000 /-
Runners	Team - II	Rathinam International Public School	Rs 1500 /-

11th - 12th category	Name	School name	Cash Prize
Winners	Team I	Don Bosco School of Excellence.	Rs 3000 /-
Runners	Team - II	Coimbatore Public School.	Rs 1500 /-

DAY: 2

Name of activity: Project competition.

Date: 23/09/2022.

Venue: EIE - Electronics Laboratory.

Guest of Honour: Dr. K K Anil Kumar.

Judge: Dr. M Nirmala.

Target Audience: School Students of Grade 9th - 12th.

Staff Coordinators: Jeya daisy I, Dinesh Kumar V, Manimekalai V, Saravana Kumar S.

Students brought their components and they made their working model in the venue. Students are given 2 and a half hours to build their working model. In between refreshments were provided for the students arranged by our college. Display of project and project presentation to the judge

Dr. M Nirmala. IInd year students, IIIRD year students, and other faculties visited the project expo. After completion of the project presentation. Participants had a lunch break at Campus dining. Icebreakers were conducted by the student coordinators. Result declaration of project presentation of winners, Runners, and second runner-up for both categories and prizes distributed by our guest of honor.

9th - 10th category	Name	School name	Cash Prize
Winners	Team - I	Coimbatore Public School.	Rs 4000 /-
Runners	Team - II	Rathinam International Public School	Rs 2500 /-
Second Runner	Team - III	Don Bosco School of Excellence.	Rs 1000/-

11th - 12th category	Name	School name	Cash Prize
Winners	Team - I	Don Bosco School of Excellence.	Rs 4000 /-
Runners	Team - II	Coimbatore Public School.	Rs 2500 /-
Second Runner	Team - III	Rathinam International Public School	Rs 1000 /-

KUMARAGURU
Institutions

FUN OF MEASUREMENT SYSTEM

THEME: MEASUREMENT SYSTEM

DAY 1:
Forenoon - QUIZ based on electronics for class 9th and 10th students.
Afternoon - QUIZ based on electronics for class 11th and 12th students.

DAY 2:
Forenoon - Project presentation of 9th and 10th student's team
Afternoon - Project presentation of 11th and 12th student's team

CASH PRIZE

PROJECT:
5000(WINNER) 2500(RUNNER) **FOR REGISTRATION**
[HTTPS://FORMS.GLE/MBMGPSJFKAMHS7MJA](https://forms.gle/MBMGPSJFKAMHS7MJA)

QUIZ:
3000(WINNER) 1500(RUNNER)
• REFRESHMENTS AND FOOD WILL BE PROVIDED

STUDENTS OF 9TH, 10TH, 11TH AND 12TH AS A DUAL AT THE MAXIMUM CAN PARTICIPATE IN THE EVENT. THE PROJECTS CAN BE DONE ON THE MENTIONED TOPICS AND PRESENTED IN THE OFFLINE MODE.

FINAL DATE FOR REGISTRATION ON OR BEFORE 16TH SEPTEMBER

QUIZ DAY - 22ND SEPTEMBER
PROJECT PRESENTATION - 23RD SEPTEMBER

JEYA DAISY.I ASST PROFESSOR EIE 9003896038
SARAVANA KUMAR S ASST PROFESSOR EIE

DINESH KUMAR V ASSOCIATE PROFESSOR EIE

MANIMEKALAI V ASST PROFESSOR EIE

• KINDLY CONTACT YOUR SCHOOL COORDINATOR











REVIEWS FROM THE STUDENTS


KUMARAGURU COLLEGE OF TECHNOLOGY
 COIMBATORE – 641 049

Department of Electronics and Instrumentation Engineering


 CELEBRATING THE INSPIRING
 LIFE OF RAJESHWAR
 DEENAHARAN
NM 100
 1923 - 2023
 CENTENARY CELEBRATIONS

FUN OF MEASUREMENT SYSTEM
 Quiz and Project Competition
 22 & 23, September 2022
PARTICIPANTS FEED BACK FORM

Name of Participant (Optional) : A. FIDHA FATHIMA
 Name of the School : RATHINAH INTERNATIONAL PUBLIC SCHOOL
 Address : EACHAMARE, COIMBATORE
 (Please put a ✓ in appropriate box)

- How do you feel about the event?
☒ Very Good ☐ Good ☐ Adequate ☐ Inadequate
- Is the duration of the Quiz/Project sufficient?
☐ Very Good ☒ Good ☐ Adequate ☐ Inadequate
- How do you rate the session?
☒ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory
- How do you rate the EIE Department Visit?
☒ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory
- How do you feel about the overall organization and conduct of event?
☒ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory
- How did you find the catering quality?
☐ Very Good ☒ Good ☐ Satisfactory ☐ Not Satisfactory
- How do you rate the hospitality?
☒ Very Good ☐ Good ☐ Satisfactory ☐ Not Satisfactory
- Mention the parts of event specially liked by you.
the speech given by HOD of EIE department
- Did you enjoy the Visit to KCT
Yes
- Any other comments.
Everything was good.

WORKSHOP ON CALIBRATION



Leadership Council Investiture Ceremony 2023

The Leadership Council Investiture Ceremony 2023 took place on October 27 at the prestigious Ramanandha Adigalar Auditorium, marking a significant occasion to honor student leadership and achievements. The event celebrated the appointment of outstanding leaders across various departments and verticals, including two exceptional students from the EIE Department. Samritha Sivakumar was inaugurated as the President of the EIE Department, while Guhan K was appointed as the President of the Entrepreneurship Vertical, recognizing their remarkable leadership qualities and commitment to the department's goals. The ceremony was a proud moment for the department, reflecting its dedication to fostering leaders who inspired and contributed positively to the academic community and beyond. Congratulations were extended to Samritha and Guhan for their well-deserved roles, as their efforts

WAGERBASH

KUMARAGURU
Institutions

THE DEPARTMENT ASSOCIATION OF
ELECTRONICS AND INSTRUMENTATION
ENGINEERING
Presents
WAGERBASH
INTRA CLASS CRICKET MATCH

Cash prize!!
**WINNERS-1500
RUNNERS-1000**

LEAGUE MATCHES
08/12/22

FINALS
09/12/22

VENUE
HOCKEY GROUND

@eie_kct
@eie_kct

promised to leave a lasting impact on the department and institution.