KPR Institute of Engineering and Technology
(Autonomous)
Avinashi Road, Arasur, Coimbatore - 641 407

LEARN BEYOND

Department of Electronics and Communication Engineering (Accredited by NBA)

NEWSLETTER- FEBRUARY 2023 ISSUE

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Vision

To be a centre of excellence in the emerging areas of Electronics and Communication Engineering through research, innovation and value based education

Mission

- To develop competency in emerging technologies through knowledge and skill based education
- To provide conducive environment for research and innovation to cater the societal needs
- To inculcate moral and ethical values to become socially responsible engineers

Programme Educational Objectives

- **PEO 1:** Apply Electronics and Communication Engineering principles to develop socially and environmentally acceptable engineering solutions.
- **PEO 2:** Embrace technological challenges through skill upgradation or higher education or research.
- **PEO 3:** Exhibit leadership qualities with professional and ethical values.

EVENT ORGANISED

- The event started with simple explanation about the jobs opportunities both core and IT and a detailed session was there regarding the higher studies. Students can avail job in government, public and private sector. If they are interested in private sector jobs, it is safer to go through the college placements itself. But when it comes to private and government sector, students can choose banking, insurance, UPSC, state PSC,SSC etc..,

- The two-day techno-cultural festival FIESTAA '23, was held on February 16 and 17, 2023, is intended to break down barriers between cultures and to inspire creative thinking. It is organized by KPR Institutions and will feature a variety of workshops, games, challenges, competitions, and non-technical clashes. The festival is scheduled to be illuminated by a number of renowned social media stars, motivational speakers, stand-up comedians, and famous business leaders. Different Engineering departments organize both technical and non-technical events. The Department of Electronics and Communication Engineering, KPR Institute of Engineering and Technology organized a Technical Quiz event. The participants from various college registered for the event. The technical event consists of two rounds. The first round is open to all contestants and top five teams are short listed based on the performance for the next round to decide the winners. During the first round totally fifteen questions were displayed to the

participants to access their skillsets. Most of the questions are displayed from latest recent technology. Then the second round is of ten questions which are deep into the technology

FACULTY PUBLICATIONS

- **Arun Sekar Rajasekaran,** M.Azees, & Khalid Yahya. (2023). FHAAPS: Efficient anonymous authentication with privacy preservation scheme for farm-to-home communication. *Security and Communication Networks*, *2023*, 1–12. https://doi.org/10.1155/2023/1225675
- **M.Vasim Babu**, Ramesh Sekaran, Suthendran Kannan, & Vinayakumar Ravi. (2023). CE2RV: Commissioned energy-efficient virtualization for large-scale heterogeneous wireless sensor networks. *International Journal of Communication Systems*. https://doi.org/10.1002/dac.5480
- **K S Tamilselvan**, Sharmila A, & Dharani. (2023). Embedded Technology based Automatic Agriculture Assistance System for Indian Farmers. *Indian Journal of Natural Sciences* , *13*(76), 52185–52193.

FACULTY AS RESOURCE SPEAKER

- Mr.G.Pradeep kumar, Assistant Professor (Sr.G), Department of ECE, KPR Institute of Engineering and Technology as resource person as "Digital Image Processing and AI/ML" organised by KPR Institute of Engineering and Technology.

FACULTY PARTICIPATION

Name of the Faculty	Title of FDP/STTP/OFDP/ Conference/Online Course	Organization Name	Start Date	End Date
Mr.G.Pradeepkumar	Internet Of Things (Iot) Feedback System Using Raspberry Pi	Surya Engineering Collège	25.02.2023	25.02.2023
Dr.K.Murugan	FDP on inculcating Universal Human Values in Education	AICTE	20.02.2023	24.02.2023

FACULTY INTERNSHIP

Name of the Faculty	Name of the industry	Start Date	End Date
Mr.G.K.Jakir Hussain	National Institute of Technology Karnataka	04.012023	09.02.2023

STUDENT PARTICIPATION

S.No	Event Name	No of students participated
1	Online course	3
2	workshop	3
3	Contest (Quiz, Coding Contest, club events, etc.)	11
4	Paper presentation	8
5	Internship	Nil
6	Project Presentation	4
7	NSS, YRC activities	Nil

STUDENT ACHIEVEMENT

S.No	Name of the Student	Year	Title of the Event	Organized by (Name of College and Club)	Prize - Merit Position
1	Ravi Barathi.R	II Year C	“4th CIT COVAI TIES” -Chess	Coimbatore Institute of Technology	II
2	Sethupathi K	III Year C	Monoact	Karpagam College of Engineering	I
3	Varun PR	III ECE C	Drone Racing	Chaitanya Bharathi Institute of Technology, Hyderabad	II
4	Santhosh kumar	III ECE	Project Expo	KPRIET-Evoriea tech fest 23	II

		C			
5	Rakshay Kanna	III ECE C	Cricket	CM trophy by Government of Tamilnadu Held at TNAU	IV
6	Lalith	III B	“Hover drive”	Chatiniya bharathi institute of technology, Hyderabad	I
7	Lalith	III B	“Drone racing”	Chatiniya bharathi institute of technology, Hyderabad	II

IIPC ACTIVITIES

INDUSTRY VISITS

- Dr. D. Selvakumar, Mr.G.K.Jakir Hussain visited Ohmai Tech Labs LLP on 10/02/2023 and discussed about industry research projects.
- Mr.T. Jagadesh visited PVM Automation and Robotics, Inventor Automation on 13/02/2023 and discussed about placement through internship, student internship.
- Mr.T. Jagadesh visited Trucon Interconnect Solutions, Magnic Technologies, CSK Electronics and Automation and discussed about internship, consultancy activities.

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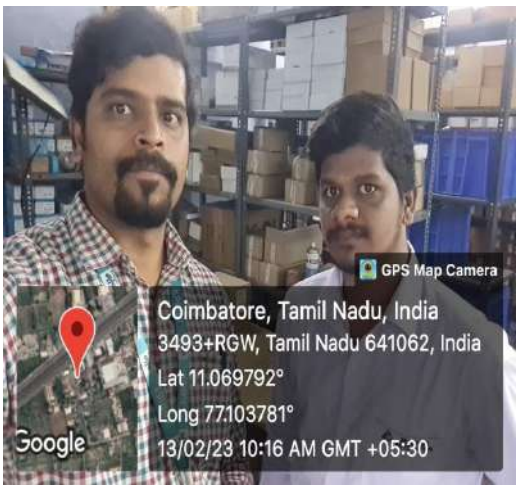
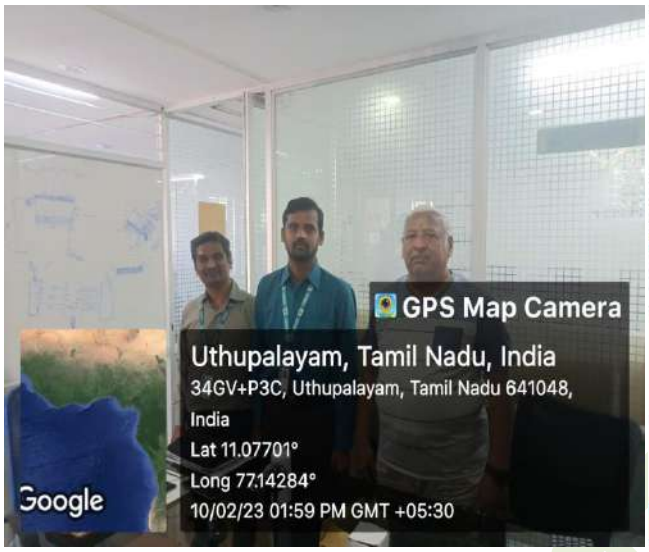
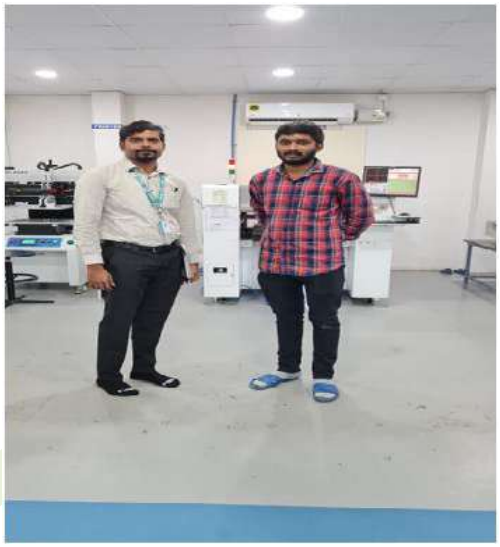




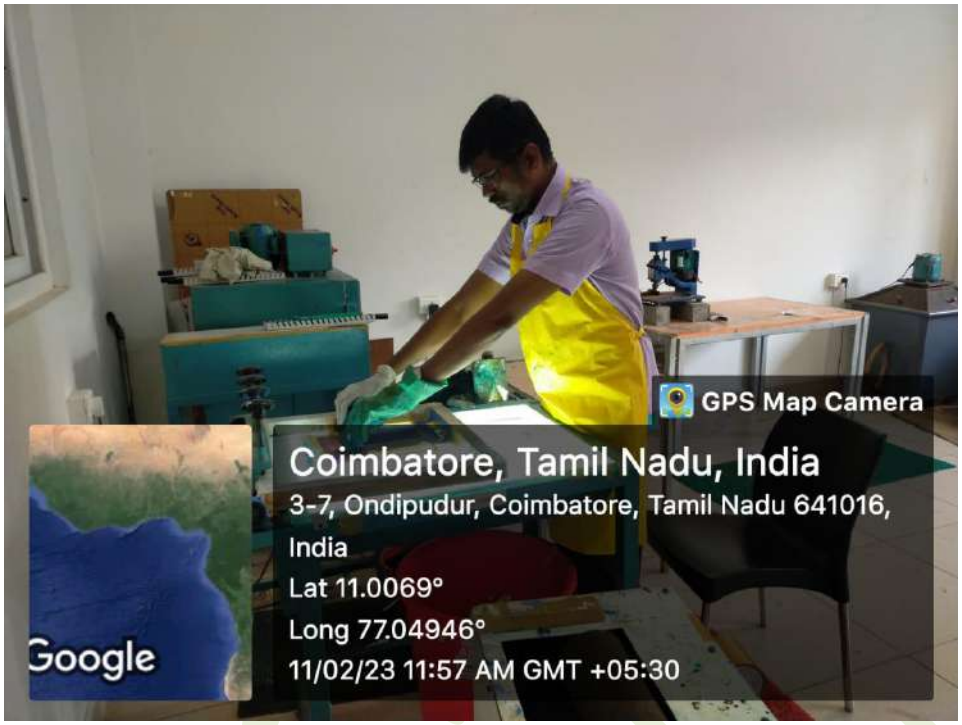


FIELD VISIT

- I Year ECE students went to GD Science Museum field visit on 11/02/2023.

CONSULTANCY ACTIVITIES

- Dr. S. Finney Daniel completed consultancy project on PCB fabrication for Lumen Systems, Coimbatore of worth Rs.1180.



- Dr. S. Finney Daniel completed consultancy project on PCB fabrication for Chip Crafts, Coimbatore of worth Rs.26,000.

EXPERT TALK

- Mr. Hemanand Ramasamy, CEO – MachDatum Private Limited delivered an expert talk on Industry 4.0 to our II and III year students on 25/02/2023.

- Mr. R. Pavithran, Software Specialist – Bosch Global Software Technologies delivered an expert talk on Industry 4.0 to our II and III year students on 25/02/2023.

AoB

- Dr.J. Indra and Mr.T. Jagadesh deliberated about the CoE – M.E VLSI Design offered by Tessolve Semiconductors to 2019 – 2023 batch ECE students.

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