



LEARN BEYOND

**KPR** Institute of Engineering  
and Technology

(Autonomous)

Avinashi Road, Arasur, Coimbatore - 641 407

**Department of Electronics and Communication Engineering**  
(Accredited by NBA)

**NEWSLETTER- JULY 2024 ISSUE**



## **EDITORIAL BOARD**

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## **Vision**

To be a center of excellence for education, research and development in the field of Electronics and Communication engineering to meet the growing needs of the society.

## **Mission**

- Develop competencies in emerging technologies through skill based education collaborating with industries of repute
- Provide conducive environment for research and innovation to cater to the needs of the society
- Inculcate professionalism, ethical values and lifelong learning

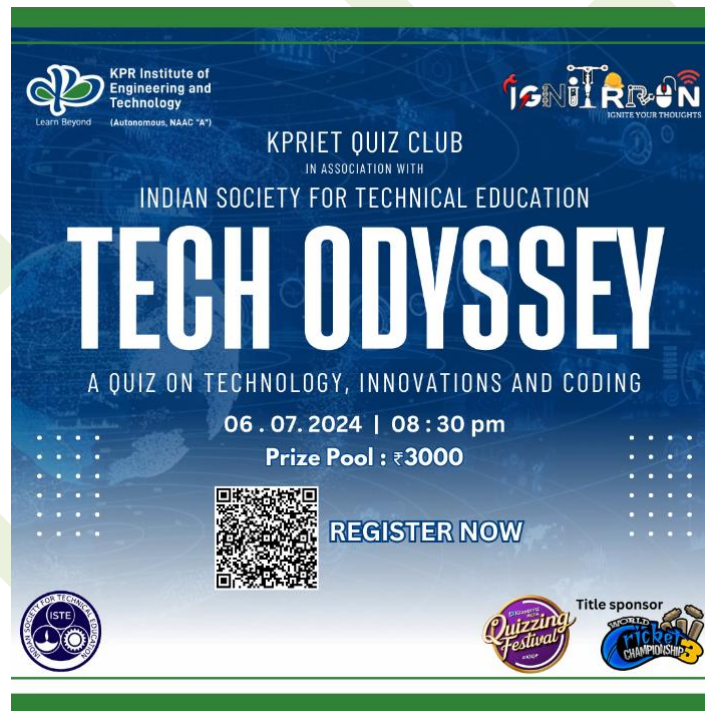
## **Program Educational Objectives**

- PEO1: Apply principles of Electronics and Communication Engineering to provide solutions to the emerging problems in the society.
- PEO2: Embrace technological challenges through skill upgradation or higher education or research.
- PEO3: Exhibit leadership qualities with professional and ethical values

## EVENT ORGANIZED

### TECH ODYSSEY - A QUIZ ON TECHNOLOGY, INNOVATION AND CODING

The 'Tech Odyssey Quiz: Technology Innovations,' was a resounding success with over 210 registrations and 150+ participants. The event, which was rated among the top 6 quizzes in the Quizzing Festival, featured engaging questions on the latest technological advancements and innovations. Participants gained deeper insights into emerging technologies and the minds behind them, while top performers were recognized and rewarded. The quiz fostered a sense of community and collaboration among tech enthusiasts, inspiring continued exploration and appreciation of the ever-evolving world of technology



## FACULTY PUBLICATIONS

- K. Balasamy, & S. Suganyadevi. (2024a). Multi-dimensional fuzzy based diabetic retinopathy detection in retinal images through deep CNN method. Multimedia Tools and Applications. <https://doi.org/10.1007/s11042-024-19798-1>
- K.Balasamy, V.Seethalakshmi, & S. Suganyadevi. (2024). Medical image analysis through Deep Learning Techniques: A Comprehensive Survey. Wireless Personal Communications, 137(3), 1685–1714. <https://doi.org/10.1007/s11277-024-11428-1>
- L. Sowmiya, S.M. Ramesh, Finney Daniel Shadrach, and A. Arul, “Hybrid Radix-4 SESA/SEDA Adders for Medical Image Processing”, Journal of Electronics, Electromedical Engineering, and Medical Informatics, vol. 6, no. 3, pp. 323-331, July 2024.

## FACULTY & STAFF PARTICIPATION

Name of the Faculty/Staff	Title of FDP/STTP/OFDP/Conference/Online Course	Organization Name	Start Date	End Date
Ms. M.D.Saranya	Paper Presentation	Kathmandu University Dhulikhel	03/07/2024	04/07/2024
Ms. M.D.Saranya	Computational Thinking and Problem Solving	Amrita Vishwa Vidhyapeetham	08/07/2024	12/07/2024
Dr. S M Ramesh	One Week Internship Training on Iot Programming and Protocols	Innovate Engineering Products	09/07/2024	15/07/2024
Ms. S. Suganyadevi	One Week Internship Training on PCB Designing	Enthu Technology Solutions India Pvt Ltd	08/07/2024	13/07/2024
Mr.M.Singaram	One Week Internship Training on Antenna	Enthu Technology Solutions India Pvt Ltd, Bengaluru.	22-07-2024	27-07-2024
Mr.G.Pradeepkumar	Internship	Fulfill Electric Corporation	13-07-2024	20-07-2024

Mr. S. Balamurali	One Week Internship Training On 5G Communications	Enthu Technology Solutions India Pvt Ltd,Bengaluru.	22-07-2024	29-07-2024
Mr.S.Satheesh kumar	One Week Internship Training on Embedded Systems	Wizaard System	20-07-2024	27-07-2024
Mr.T.Venkatesh	Introduction to Generative AI Learning Path-Prompt Design in Vertex AI	NASSCOM and Google Cloud	06-08-2024	20-08-2024

### STUDENT PARTICIPATION

S.No	Event Name	No of students participated
1	Online course	6
2	Workshop	5
3	Contest (Quiz, Coding Contest, club events, etc.)	-
4	Paper presentation	1
5	Internship	14
6	Project Presentation	-
7	NSS, YRC activities	-

## IIPC ACTIVITIES

### INDUSTRY VISITS

- Dr.J.Indra, Dr.K.Kalirajan, Mr.S.Balamurali and Ms.D.Suganya Devi visited Mehmet Engineers, Fanuc Indi Pvt. Ltd., and Effica Automation, Coimbatore on 23.08.2024 and discussed student internships, Industry guest lectures, Faculty Internships and consultancy activities.

