



**KPR** Institute of Engineering  
and Technology

(Autonomous)

Avinashi Road, Arasur, Coimbatore - 641 407



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

**NEWSLETTER- SEPTEMBER 2021 ISSUE**



## **EDITORIAL BOARD**

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## ➤ **Vision**

To be a department of repute for learning and research with state-of-the-art facilities to enable the students to succeed in globally competitive environment

## ➤ **Mission**

- To impart knowledge and skill based education with competent faculty striving for academic excellence
- To instill research centres in the field that industry needs, by collaborating with organizations of repute
- To provide ethical and value based education by promoting activities addressing the societal needs and facilitates lifelong learning

## ➤ **Programme Educational Objectives**

- **PEO 1:** Graduates will possess an adequate knowledge and have successful technical career in Electronics and Communication Engineering or related fields
- **PEO 2:** Graduates will possess leadership qualities and demonstrate professional and ethical values
- **PEO 3:** Graduates will continue their life-long professional development through higher education or entrepreneurship

## EVENT ORGANISED

- A webinar on “Recent advances in virtual and mobile robotics” was organized by the Department of Electronics and Communication Engineering of KPR Institute of Engineering and Technology remotely through online mode of conduct for the student members of colleges and universities all over the country. The Electronics club of KPR Institute of engineering and Technology was inaugurated with this live event that started at 3.00 pm with the welcome address by the club’s student co-ordinator. Mr.Amirth B, Student, II-ECE, KPRIET followed by the presidential address by the club’s faculty co-ordinator. Mr.S.Satheesh Kumar, Assistant Professor (Sr.G), Department of ECE, KPRIET. He briefed about the key role of virtual robotics in the current scenario like how it makes people’s work easier, how it makes us feel connected, Applications and Architecture of robotics, It’s role in Industries and moreover about it’s significance during this pandemic period. He explained about all the above mentioned topics with practical applications of the same. He also explained concepts like communication hub, communication protocol in a nutshell. He also gave a few project ideas that can be very productive

The poster is for a webinar titled "Organize a webinar on Recent advances in Virtual and Mobile Robotics". It features the following information:

- Department of Electronics and Communication Engineering**, Kpriet.ac.in, Accredited by NDA.
- Resource Person:** Mr. S. Satheesh Kumar, AP(Sr.G)/ECE, KPR Institute of Engineering and Technology, Coimbatore. Contact: uax-bmlo-hbq.
- Convener:** Dr. M. Kathirvelu, Professor & Head/ECE.
- Coordinators:** Mr. G. Pradeepkumar, AP(Sr.G)/ECE; Mr. D. Ram Nivas, AP/ECE.
- Date and Time:** 18.09.2021, 03:00 PM to 04:00 PM.
- Logos:** KPR Institute of Engineering and Technology, IETE, and NDA.
- Footer:** KPR Institute of Engineering and Technology, Accredited Road, Anna, Coimbatore.

- The Department of Electronics and Communication Engineering Students Association SPARTRANZ, IETE students forum, KPR Institute of Engineering and Technology celebrated the Engineer’s day on 18.09.2021.

**Students' Association - SPARTRANZ  
and IETE Students Forum**

Welcomes you all for  
**"ENGINEERS DAY CELEBRATION"**

**Venue: ECE Block**

**Convenor:** Dr.M.Kathirvelu, Professor & Head/ECE

**Coordinators:** Mr.K.Saravanan, AP(Sr.G)/ECE  
Mr.S.P.Cowsigan, AP(Sr.G) / LCE  
Dr. K Marugan, AP(Sr.G)/FCF

**Events planned:**

1. Technical Quiz
2. Tech Talk
3. Tech Connect
4. Idea Presentation
5. Circuit Debugging

**Date:** 31.09.2021  
**Time:** 10:00 AM to 01:00 PM

- Dr.B.Jaishankar, AsP/ECE, Dr.G.Dhivyasri, AP(Sr.G) and Ms.M.Supriya AP/ECE, organized Webinar on “Entrepreneurship and self-discipline” on 25.09.2021. The session started sharply by 09:30 AM with 84 participants. The resource person Muniraj K, Founder and CEO, Urban Harbour sea foods and Co-founder Milir Organics explained key role of entrepreneur economy. The resource person explained how to become an entrepreneur and struggles faced by him. In simple, he said entrepreneurship is the willingness to start a new business he also demonstrated how to become an entrepreneur then lead with various myths about entrepreneur. She spelled out the qualities of an entrepreneur and how to start a company. He also explained Self-discipline is an invaluable skill to learn and develop over the course of your life, and will help you tremendously throughout your academic career.

**Organizes a webinar on  
Entrepreneurship  
and Self-Discipline**

**Resource Person**

**Mr. K. Muniraj**  
Founder and CEO,  
Urban Harbour sea foods  
and Co-founder Milir Organics  
(2017-2021)

**Convenor**  
Dr.M.Kathirvelu,  
Professor & Head/LCL

**Coordinators**  
Dr.B.Jaishankar, AsP/FCF  
Dr.G.Dhivyasri, AP(Sr.G)/ECE  
Ms.M.Supriya, AP/ECE

**Date:** 26.09.2021  
**Time:** 09:30 AM to 10:30 AM

**Algo-Pro-2021**

## FACULTY PATENT PUBLICATIONS

S. No.	Name of the Applicant/Inventor	Title of the Project/Invention	Application No.	Date of Publication	Current Status
1	1.Dr.Swapnaja AmolUbale 2.Mr.S.Prasanna Bharathi 3.Dr.Abhisek Badholia 4.Mr.Vishal Sharma 5.Mr.Akshay S.Aspalli 6.Mr.G.Saravanan 7.Dr.Muralidharan J 8.Dr.M.Dhipa 9.Mr.Rahul Neware 10.Mrs.Bharti Ayer 11.Mr.V.Sridhar 12.Dr.S.Jawahar	Resource Assistance for learning Allocation to multipurpose reinforcement for unnamed Aerial vechicles using IoT Networks	202141039099 A	10.09.2021	Published
2	1.Dr.J.Muralidharan, 2.Mr.V.Chandran, 3.Dr.Karthik Pai B H 4.Dr.S.Durga 5.Dr.S.Deepa kanmani 6.Mr.N.Balaji	A Deep Learning framework for Alzheimer Detection from MR Images	2021141039318 A	24.09.2021	24.09.2021

## FACULTY AS RESOURCE SPEAKER

- Dr.K.S.Tamilselvan, Professor Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for a conference chair person “International Conference” conducted by VCET, Erode on 15.09.2021 to 17.09.2021.
- Mr.Avishek kumar Assistant Professor (Sr.G), Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for Webinar “Dark and low contrast image enhancement using Matlab” conducted by KPR Institute of Engineering and Technology, Coimbatore on 26.09.2021

**ELECTRONICS CLUB**  
Proudly organizes

**Webinar on**  
**DARK AND LOW CONTRAST IMAGE**  
**ENHANCEMENT USING MATLAB**

**Resource person**  
  
**Mr. Avishik Kumar AK**  
Associate Professor (Sr.G)  
Department of ECE  
KPRIET

**For registration**  
  
<https://bit.ly/3tVSo5k>

**Event Coordinators:**  
Mr. Ashwath S M - 9994981767  
Mr. Sachin A M - 9860798664  
Ms. Duraiselvi S

**26/09/2021**  
**04:00 PM**  
**nzk-zzuf-yfg**

- Dr. B. Jaishankar, Associate Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for Webinar “Insights into signal processing ” conducted by Chettinad College of Engineering and Technology, Chennai on 23.09.2021.

**Chettinad**  
College of Engineering & Technology  
Approved by AICTE, Affiliated to Anna University, Chennai

Hosted by  
**ECE**  
Department



**"INSIGHTS INTO SIGNAL PROCESSING"**

With  
**DR. B. JAISHANKAR,**  
Associate Professor - ECE,  
KPR Institute of Engineering and Technology,  
Coimbatore.

Platform  
  
GOOGLE MEET

23  
Sep  
2021

11:00 AM  
to  
12:30 PM

[www.chettinadtech.ac.in](http://www.chettinadtech.ac.in)

## PHD COMPLETED STATUS

S.No	Name of the Scholar	Title of Thesis	Research Centre- Institute Name & University Name	Date of viva voice	Name of the Supervisor with Designation & Institute Name
1	Mr.M.Vijayakumar, Associate Professor, EGS Pillay Engineering College, Nagapattinam.	Component Count Reduced, Filter Less h- Bridge Multilevel Inverter With Series and Parallel Connected Switches for Statcom Application	KPRIET & Anna University	2.9.2021	Dr.S.M.Ramesh Professor, Dept. ofECE,KPRIET

## FACULTY PARTICIPATION

Name of the Faculty	Title of FDP/STTP/OFPD	Organization Name	Start Date	End Date
Dr.D.Venugopal	IoT with Smart city	ATAL	13-09-2021	17-09-2021
Dr.J.Prasad	Effective Teaching Strategies in Higher Education	St.Mary's College – Puthanangadi	06-09-2021	12-09-2021
Dr.S.M.Ramesh	Internet of Things(IoT) in Smart Cities	Kongunadu College of Engineering and Technology	20-09-2021	24-09-2021
Dr.M.Kalamani	Pals – Vlab Faculty Development Programme	PALS and NITK	06-09-2021	08-09-2021



## FACULTY NPTEL CERTIFICATION

S.NO	Name of the faculty & Designation	Course title	Results (Grade)
1	Dr.D.Venugopal& P/ECE	Biomedical Nanotechnology	Elite+Silver
2	Dr.B.Jaishankar&AsP/ECE	Digital Circuits	Elite
		Discrete Time Signal Processing	Elite
		Signals and Systems	Elite+Silver
3	Dr.V.Seethalakshmi&AsP/ECE	Introduction to Embedded System Design	Elite
		Embedded System Design with ARM	Elite+Silver
4	Dr.N.Rajeshkumar&AsP/ECE	Introduction to Internet of Things	Elite
5	Dr.K.Kalirajan&AsP/ECE	Deep learning for visual computing	Elite
6	Dr. J. Muralidharan&AsP/ECE	Design Thinking - A Primer	Elite+Silver
		Python for Data Science	Elite
7	Mr.S.P.Cowsigan& AP(Sr.G)/ECE	Microwave Theory and Techniques	Elite +Silver
8	Mr.S.Finney Daniel & AP(Sr.G)/ECE	Introduction to Embedded System Design	Elite
9	Mr. T.Jagadesh& AP(Sr.G)/ECE	Teaching and Learning in General Program : TALG	Elite+Silver
10	Mr.S.Satheesh Kumar & AP(Sr.G)/ECE	Applied Electromagnetics For Engineers	Elite
11	Mr.V.Chandra Prasad & AP(Sr.G)/ECE	Signals and Systems	Elite+Gold (Topper Of 5% in this course)
12	Mr.G.Pradeepkumar& AP(Sr.G)/ECE	Fuzzy Sets, Logic and Systems & Applications	Elite+Gold
13	Mr.M.Singaram& AP(Sr.G)/ECE	Embedded System Design with ARM	Elite +Silver

14	Mr.D.Ramnivas& AP(OG)/ECE	Design Technology and Inovation	Elite+Silver
15	Ms.S.Chandraprabha& AP(OG)/ECE	Python for Data Science	Elite

### STUDENT PARTICIPATION

S.No	Event Name	No of students participated
1	Webinar	12
2	Online course	7
3	Workshop	2
4	Value added course	2
5	Contest (Quiz, Coding Contest, club events, etc.)	102
6	Conference paper presentation	1
7	Innovative competitions/ hackathon	7
8	Internship	2

### STUDENT ACHIEVEMENT

S.No	Name of the Student	Year	Title of the Event	Organized by (Name of College and Club)	Prize - Merit Position
1	Chandru A	II	Rich culture and heritage of india	Government of India	First Prize
2	Ajay R	II	Rich culture and heritage of India	Government of India	First Prize
3	Anandhi K	II	Unsung Heroes of IT/ITES In India	Centre for development of advanced computing, Hyderabad	90% score
4	Kavya P	II	Tech Connect	KPR Institute of Engineering and Technology	Third Prize
5	Kavya P	II	Idea Presentation	KPR Institute of Engineering and Technology	Third Prize

6	Lakshana R	II	Tech Connect	KPR Institute of Engineering and Technology	Third Prize
7	Sasiramakrishnan R	II	Circuit debugging	KPR Institute of Engineering and Technology	First Prize
8	Sugin M	II	Tech Quiz	KPRIET Students Association-SPARTRANZ	Second Prize
9	Umayal S	II	Tech quiz	KPR Institute of Engineering and Technology	Third Prize

### PLACEMENT DETAILS 01.09.2021 to 30.09.2021

S.No	Name of the Student	Name of the Company
1	Thilakshanaa A	CLOUD ASSERT
2	Monica K	TRUSTRACE
3	Navinpranav A T	TRUSTRACE
4	Ajay Krishnaa M	VIRTUSA
5	Dhishalinir.R	VIRTUSA
6	Guruprasath C S	VIRTUSA
7	Harinita M	VIRTUSA
8	Jannetmariya	VIRTUSA
9	Manikandaprasanna C	VIRTUSA
10	Manoj S	VIRTUSA
11	Mithun S	VIRTUSA
12	Preethi M	VIRTUSA
13	Rithikasherin A	VIRTUSA
14	Sabharidharshana S	VIRTUSA
15	Sattish R	VIRTUSA
16	Thendral M	VIRTUSA

17	Bharathkumaran R	VIRTUSA
18	Annmaria E A	VVDN
19	Balakrithik G	VVDN
20	Hari S	VVDN
21	Jeffrey E	VVDN
22	Kaviya E	VVDN
23	Keerthika R	VVDN
24	Muthukumar S P	VVDN
25	Naveen S	VVDN
26	NishandrM	VVDN
27	Pooja S	VVDN
28	Pradeep R	VVDN
29	Prithiviraj M	VVDN
30	Rithanyaa S	VVDN
31	Sajjavignesh	VVDN
32	Saravanan B	VVDN
33	Shyam S R	VVDN
34	Udhayan M	VVDN
35	Vinuprasath P	VVDN
36	Yogeshwaran M	VVDN
37	Monisha K	VVDN

**Total Number of students Placed:67**

**Total Number of Offers: 67**

**Total Number of Companies Visited:18**

## IIPC ACTIVITIES

### INDUSTRY VISIT

- Visited Lyle Technologies and Moto Control Systems on 03/09/2021 and discussed about projects and internships.
- Visited RS power systems and Lumen Systems on 20/09/2021 and discussed about placement opportunities and PCB consultancies.

### INTERNSHIP

- 6 students from II year undergone internship at RS power systems from 20/09/2021 to 30/09/2021.