**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- JANUARY 2022 ISSUE

# EDITORIAL BOARD

## ➢ 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

➢ The Department of Electronics and Communication Engineering in association with IIPC organized webinar on "Problem Identification and Solution using IoT" on 22.01.2022. The program was conducted for first year ECE students. The resource person was Mr.S.Karthikeyan, Assistant Technical Manager, Enthu Technology Solutions Pvt. Ltd.



➢ The Department of Electronics and Communication Engineering in association with CFRD organized a webinar on "Effective Paper Writing for Renowed Journals" on 27.01.2022. The chief guest was Dr.S.Pratheep kumar, member, CFRD, KPRIET. The webinar was hosted by Dr.D.Venugopal, Professor, and Ms.A.Reethika, Assistant Professor, department of ECE. Participants were faculty and final year students.. 74 participants attended this webinar

➢ The Department of ECE in association with IIPC organized a webinar on "Demystifying PCB Layouts" on 29.01.2022. Dr.B.Jaishankar (AsP/ECE) welcomed the gathering and introduced the resource person.The resource person Mr.Sundaramoorthy ( CEO, Sunshiv Electronic Solutions, Coimbatore) started the session with explaining about basic components like resistor, capacitor and inductor. The resource person explained how to find the value of a resistor using color coding. He has clearly given the tips to become a successful PCB engineer and also shared career path development after graduation to the students. He has shown some of the model PCBs to students and pointed out the expectations of interviewers. He has motivated the students to become entrepreneurs in the field of PCB.Students gave good feedback about the topic discussed and about the delivery of content by the resource person. The speaker was pleased to answer the students and clear doubts which were being asked.

# FACULTY PUBLICATIONS

➢ **Parameshwaran R**, AbolfazlMehbodniya, Julian L, Webber, Mohama d Shabaz, lakshminarayanan, Gopalakrishnan, "Telemetry Data Compression Algorithm Using Balanced Recurrent Neural Network and Deep Learning", Hindawi, ISSN:1687-5265,January 2022.**(SCIE Indexed**)

# FACULTY PARTICIPATION

| Name of the Faculty | Title of FDP/STTP/OFDP | Organization Name | Start Date | End Date |
|---|---|---|---|---|
| Dr.K.Murugan | FDP on Advances in Artificial Intelligence | AICTE Training and Learning (ATAL) Academy | 21-01-2022 | 25-01-2022 |
| Dr.K.Murugan | Wireless sensor networks and IoT | AICTE Training and Learning (ATAL) Academy | 10-01-2022 | 14-01-2022 |
| Mr.K.Vishnusaravanabharathi | Recent Developments in IoT | AICTE Training and Learning (ATAL) Academy | 17-01-2022 | 21-01-2022 |
| Dr.J.Prasad | Inculcating Universal Human Values in Technical Education | AICTE Training and Learning (ATAL) Academy | 03-01-2022 | 07-01-2022 |
| Dr.K.S.Tamilselvan | Advances in Artificial Intelligence | AICTE Training and Learning (ATAL) Academy | 21-01-2022 | 25-01-2022 |
| Mr.T.Shanmugaraja | Recent Development in IoT | Institute of Engineering and Management | 17-01-2022 | 21-01-2022 |

## STUDENT PARTICIPATION

| S.No | Event Name | No of students participated |
|------|------------|------------------------------|
| 1 | Online course | 62 |
| 2 | Contest (Quiz, Coding Contest, club events, etc.) | 3 |
| 3 | NSS, YRC activities | 1 |
| 4 | Internship | 2 |

## PLACEMENT DETAILS 01.01.2022 to 31.01.2022

| S.No | Name of the Student | Name of the Company |
|------|---------------------|----------------------|
| 1 | Avinash | APTEAN |
| 2 | AnbuIdmba Kumar | APTEAN |
| 3 | Mounika K | APTEAN |
| 4 | Nithisree | APTEAN |
| 5 | Naveenkumar | QSPIDER |
| 6 | Kabil K | VVDN |
| 7 | Siva Prasanna E | VVDN |
| 8 | Sneha S | SKOLAR |
| 9 | Aishwarya R | NETCON |
| 10 | Praveen R | NETCON |
| 11 | Rubesh | NETCON |
| 12 | Mathumitha C | HCL |
| 13 | Mounika K | HCL |
| 14 | Manoj S | KRYPC |

**Total Number of students Placed:103**
**Total Number of Offers: 67**
**Total Number of Companies Visited:36**

# IIPC ACTIVITIES

**INDUSTRY VISIT**

- ➢ Visited Lumen Systems and delivered 2 sample PCB boards.
- ➢ Visited New Qbitronics Embedded and delivered 10 sample PCB boards.
- ➢ Visited Mach Datum Private Limited to discuss about MoU.
- ➢ Visited RS Power Systems to procure components for consultancy services.

**MoU**

- ➢ Signed MoU with Caliber Interconnect Solutions Private Limited on 27/01/2022.



**CONSULTANCY**

- ➢ Completed consultancy project on Smart LED display to KPR College of Arts Science and Research worth of Rs.1,60,000.