



KPR Institute of Engineering
and Technology

(Autonomous)

Avinashi Road, Arasur, Coimbatore - 641 407



Department of Electronics and Communication Engineering
(Accredited by NBA)

NEWSLETTER- JANUARY 2021 ISSUE



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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

- The Department of Electronics and Communication Engineering and Career Advancement Cell (CAC) of KPR Institute of Engineering and Technology organized a webinar on “Higher Studies in US based universities” on 02.01.2021. The resource person Mr. Poovaragavan Selvaraj is an informatics lead working in Aetna, New York. This webinar was beneficial for the students to know about the importance of higher studies in abroad and related exam to pursue post graduation degree with scholarships.

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11 years of Academic Excellence
ANTE
IETE Students Forum

Department of Electronics and Communication Engineering
In association with
Career Advancement Cell and IETE Students Forum
Organizes a webinar on
Higher Studies in US based Universities

Resource Person
Mr. Poovaragavan Selvaraj
Informatics Lead, Aetna, New York

Date: 02.01.2021
Time: 06:00 PM to 07:00 PM

Google meet
<https://meet.google.com/yy-pmux-shh>

Proposed by: Dr.M.Kathirvelu, Professor & Head/ECE
Organized by: Mr.V.Chandra Prasad, AP/ECE
Mr.K.Vishnunaravanabharathi, AP/ECE

- The Department of Electronics and Communication Engineering, KPR Institute of Engineering and Technology organized a technical training program on Cadence EDA tools on 11.01.2021 and 12.01.2021. The resource person is L.V.Kedharnath, he is a Field Application Engineer at Entuple Technologies based out of Bangalore, India.


KPR Institute of Engineering and Technology
 Learn Beyond | Upliftment, NAAC 'A'
 Avinashi Road, Arasur, Coimbatore


11 years of Academic Excellence




Department of Electronics and Communication Engineering
 In association with
Cadence Design System and Entuple Technologies Pvt.Ltd
 Organizes a Technical Training Program on
Cadence EDA Tools




Resource Person

Mr.L.V.Kedharnath
 Field Application Engineer,
 Entuple Technologies, Bangalore.

Date: 11.01.2021 & 12.01.2021
 Time: 09.00 AM - 05.00PM

<https://meet.google.com/jzp-dyrf-dph>

Convener: Dr.M.Kathirvelu, Professor & Head/ECE
Organizers: Dr.J.Muralidharan, AsP/ECE
 Ms.M.D.Saranya, AP/ECE
 Ms.S.Chandraprabha, AP/ECE

#entupleonline
 #kpronline



- A webinar on “MATLAB for Beginners” was organized by department of Electronics and Communication Engineering and IETE Students Forum (ISF) of KPR Institute of Engineering and Technology on 12.01.2021. The resource person Mr.G.K.Jakir Hussain is an Assistant Professor (S1.G)

working in KPRIET, Coimbatore. The webinar exposed the participants to know about the importance of MATLAB in Project and Product Development.

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Department of Electronics and Communication Engineering
IETE Students Forum & Student Association
Organize a Webinar
on
MATLAB for Beginners

Mr.G.K. Jaber Hussain
Assistant Professor(Sr.G)
Department of ECE
KPR Institute of Engineering and Technology,
Coimbatore.

Date: 12.01.2021
Time: 11:00 AM

meet.google.com/vgrz-ec

Convenor: **Dr.M.Kathiravelu**, H/OECE

Organizers: **Mr.S.P.Chandigen**, AP/Sr.ECE, **Mr.O.K.Jaber Hussain**, AP/Sr.ECE

For queries contact: 5437332405, 9600518540

kpriet.ac.in
#KPRIETonline

#KPRIET #scaKPRIET

- The Department of Electronics and Communication Engineering of KPR Institute of Engineering and Technology organized a webinar on “Role of IoT in Automation Sector” on 29.01.2021. The resource person was Mr. J.Kirubahaaran who is an executive engineer working in Nippon Audiotronix.

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Department of Electronics and Communication Engineering
Organizes a webinar on
Role of IoT in Automation Sector

Resource Person

Mr.J.S.KIRUBAACHARAN
Executive Engineer,
Nippon Audiotronix, Noida

Date: 29.01.2021
Time: 11:00 AM to 12:00 PM

<https://meet.google.com/nfr-okca-jfb>

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

Organizers: **Mr.T.Jagadesh**, AP/ECE, **Mr.T.Venkatesh**, AP/Sr.Gy/ECE

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FACULTY PUBLICATIONS

- Dr. V. Seethalakshmi and J. Ramprasath, “Improved Network Monitoring Using Software-Defined Networking for DDoS Detection and Mitigation Evaluation”, Wireless Personal Communications Springer, ISSN: 0929-6212, January 2021. (SCIE)
- Dr.N.Rajeshkumar and Dr.R.P.MeenakshiSundhari,Dr.R.Nadhakumar, “An Improved two Way Supervision Scheme For ScadaSystems”,Materials today-proceedings, January 2021.(SCOPUS)
- Dr.K.Murugan “European Journal of Molecular & Clinical Medicine”, European Journal of Molecular & Clinical Medicine,January 2021.(SCOPUS)
- Dr.J.Muralidharan,M P Rajakumar, K.Kavitha, Dr. M. Prasad, Dr K. Sampath Kumar, “Iot Enabled Closed-Circuit Television Surveillance Monitoring using Backward-Channel Compression”, European Journal of Molecular & Clinical Medicine,January 2021.(SCOPUS)

FACULTY PATENT PUBLICATIONS

S. No.	Name of the Applicant/Inventor	Title of the Project/Invention	Application No.	Date of Publication	Current Status
1	Khasim, Syed Chakravarthy, A. S. N. Marimuthu, K. Karthick, S. V.SudheerKumar,Sistla Saravanakumar, V. Patil,GanapatiAppasaheb R, Anitha Shadrach, S Finney Daniel, Mahapatra, R.P. and PonnusamySivakumar	Inertial Measurement Unit for Wearable Continuous Human Motion Information System	2020102947	13.01.2021	Published
2	Mrs.V. V.Vijetha Inti Dr. Ch. Rajya Lakshmi Mrs. Swarupa Pinninti Dr. M. Kathirvelu Dr. Pathan Rahira Dr. Chirra Kesava Reddy Ms.Kallam Prathibha Dr D.Venu Gopal	Inertial Measurement Unit for Wearable Continuous Human Motion Information System	2020102947	13.01.2021	Published

FACULTY AS RESOURCE SPEAKER

- Dr.N.Rajeshkumar, Associate Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for a webinar on “Vaasikalam Vaanga conducted by AVS College of Engineering and Technology, Coimbatore on 08-01-2021.



- Ms.A.Reethika, Assistant Professor, Department of ECE, KPR Institute of Engineering and Technology acted as evaluator to judge the projects in 28th National Childrens Science Congress organized by Forest College and Research Institute, Coimbatore on 21.01.2021 and 22.01.2021.



FACULTY PARTICIPATION

Name of the Faculty	Title of FDP/STTP/OFDP	Organization Name	Start Date	End Date
Dr.S.M.Ramesh	FDP	Kamaraj College of Engineering and Technology	18-01-2021	30-01-2021
Mr.S.P.Cowsigan	FDP	NPTEL IIT Madras	01-09-2020	02-01-2021
Mr.T.Venkatesh	FDP	Sathyabama Institute	18-01-2021	22-01-2021

PLACEMENT DETAILS

S.No	Name of the Student	Name of the Company
1	Asvitha R	Accenture
2	Naveenkumar P	Accenture
3	Madhumitha R	Accenture
4	Aravin P	Accenture
5	Dhivya Bharathi M	Accenture
6	Manoj Am	Accenture
7	Ganishka G	Accenture
8	Kaavya Varshiny A	Accenture
9	Vignesh Nambiar M	Accenture
10	Absinkumar M	Accenture
11	Sharan Pranav V	Accenture
12	Miruthula S	Accenture
13	Sakthivel M	Accenture
14	Moureaan	Accenture
15	Deepalakshmi N	Accenture
16	Manasa M	Accenture

17	Praveen Kumaar S	Qbrik Information Technologies Private Limited
18	Sanjay Rahul S	Qbrik Information Technologies Private Limited

Total Number of students Placed: 60

Total Number of Offers: 76

Total Number of Companies Visited: 35

ACHIEVEMENTS

IIT PALS- InnoWAHProject Contest 2020-2021

Title of the Project: Smart Eco-friendly wellness monitor for New Normal

Student Members:

1. Shiyam Prasad S – II ECE C
2. Duraiselvi M – II ECE C
3. Shaniya S – IV CIVIL

Mentor:

Mr.S.Satheesh Kumar M.E., (Ph.D.),
Assistant Professor/ECE/KPRIET

NPTEL

Faculty NPTEL Certification

S.No	Name of the Student	Title of the NPTEL Course	Certification
1	Dr.D.Venugopal	Biomedical Nanotechnology	Elite+Silver
2	Dr.S.M.Ramesh	Introduction To Internet Of Things	Successfully Completed
3	Dr.B.Jaishankar	Digital Circuits	Elite
4	Dr.V.Seethalakshmi	Introduction To Embedded System Design	Elite
5	Dr.G.Dhivyasri	Introduction To Embedded System Design	Successfully Completed
6	Dr.K.Kalirajan	Deep Learning For Visual Computing	Elite
7	Dr.J.Muralidharan	Digital Circuits	Elite
8	Ms.S.Nithya	Demystifying Networking	Successfully Completed

9	Mr.K.Siddharthraju	Introduction To Embedded System Design	Successfully Completed
10	Mr.S.P.Cowsigan	Microwave Theory And Techniques	Elite +Silver
11	Mr.N.Sathishkumar	Introduction To Embedded System Design	Successfully Completed
12	Mr.M.Singaram	Computer Architecture And Organization	-
13	Mr.S.Finney Daniel	Introduction To Embedded System Design	Elite
14	Mr. T.Jagadesh	Teaching And Learning In General Program :Talg	Elite+Silver
15	Mr.M.Manikandan	Introduction To Embedded System Design	Successfully Completed
16	Mr. T. Venkatesh	Introduction To Embedded System Design	Successfully Completed
17	Mr.T.Shanmugaraja	Introduction To Embedded System Design	Successfully Completed
18	Ms.R.Aswatha	Demystifying Networking	Elite
19	Ms.S.Gunanandhini	Introduction To Embedded System Design	Successfully Completed
20	Ms. A. Reethika	Introduction To Embedded System Design	Successfully Completed
21	Mr.G.Pradeepkumar	Applied Electromagnetics For Engineers	Successfully Completed
22	Mr.S.Satheesh Kumar	Applied Electromagnetics For Engineers	Elite
23	Ms.M.D Saranya	Digital Circuits	Successfully Completed
24	Ms. M. Supriya	Introduction To Embedded System Design	Successfully Completed

Students NPTEL Certification

S.No	Name of the Student	Title of the NPTEL Course	Certification
1	Aadhithya V	Problem Solving Through Programming In C	Elite
2	Harishraj R	Problem Solving Through Programming In C	Elite
3	Keerthana S	Problem Solving Through Programming In C	Elite
4	Keerthana V	Problem Solving Through Programming In C	Elite
5	Sruthi R	Problem Solving Through Programming In C	Elite
6	Vaishnavi P	Problem Solving Through Programming In C	Elite+ Silver
7	Sakthivel S	Digital Circuits	Elite
8	Harinitha M	Introduction to internet of things	Elite + silver
9	Pooja S	Introduction to internet of things	Elite
10	JayavarshiniA	Introduction to internet of things	Elite
11	MadhumithaC	Introduction to internet of things	Elite

STUDENT ACHIEVEMENT

Mr.K.Rakesh Kumar of Final ECE participated in 65th Men's Free Style, Senior National Wrestling Championship on 23rd and 24th January 2021.

PRODUCT DEVELOPMENT

- Mr.K.Siddharthraju, AP(Sr.G) and a student team are developing a product titled, "Low cost smart appliance control system using IoT" and the team has successfully completed hardware assembly and testing module, currently the prototype is under development.
- Dr.K.Murugan, AP(Sr.G) and a student team are developing a product titled, "Hot water management system in solar based water heaters" and the team has successfully completed software testing and hardware assembly is under development.
- Mr.K.Saravanan, AP(Sr.G) and a student team are working in a project titled, "Automatic lighting system in restroom", currently hardware design is completed and implementation part is yet to be completed.

IIPC ACTIVITIES

COMPANIES VISITED FOR CONSULTANCY/ STUDENT INTERNSHIP IN JANUARY 2021

- Shanthi Gears Ltd
- SAI Incubation Centre
- Essar Electronics
- Sunshiv Electronic Solution
- Wireline Solutions
- Enthu Technology Solutions India Pvt Ltd
- Nyle Technologies

STUDENT INTERNSHIP

S.No	Name of the Student	Name of the Industry	Date
1	Ajay R (19ec004)	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
2	Devaki P	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
3	Arunagiri M	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
4	Chandramohan S	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
5	Deepan M	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
6	Amrith B	Sai Incubation Centre	04.01.2021-09.01.2021
7	Govardhan	Sai Incubation Centre	04.01.2021-09.01.2021
8	Aswin Surya	Sai Incubation Centre	04.01.2021-09.01.2021
9	Devesh M	Sai Incubation Centre	04.01.2021-09.01.2021
10	Dhanush Azhagar T	Sai Incubation Centre	04.01.2021-09.01.2021
11	Charan M	Sai Incubation Centre	04.01.2021-09.01.2021
12	Hariharan	Sai Incubation Centre	04.01.2021-09.01.2021
13	Aravind M	Essar Electrical And Electronics Pvt Ltd	04.01.2021-09.01.2021
14	Manoj Kumar G	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021

15	Santhosh V	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
16	Manjit.S	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
17	Sairanjan S	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
18	Pranesh Raja V	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
19	Nigill J K	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
20	Koushick K	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
21	Ritthik Raj Pv	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
22	Sanjaay Km	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
23	Sanjay Vn	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
24	S.Raghul	Sai Incubation Centre	04.01.2021-09.01.2021
25	Mothilal K	Sai Incubation Centre	04.01.2021-09.01.2021
26	Kowsikan S	Sai Incubation Centre	04.01.2021-09.01.2021
27	Prabhagar V K	Sai Incubation Centre	04.01.2021-09.01.2021
28	Naresh Kumar A	Sai Incubation Centre	04.01.2021-09.01.2021
29	Mouneshwara G	Sai Incubation Centre	04.01.2021-09.01.2021
30	Rithik. S	Sai Incubation Centre	04.01.2021-09.01.2021
31	Sakthivel.S	Essar Electrical And Electronics Pvt Ltd	04.01.2021-09.01.2021
32	Sruthi R	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
33	Srinivasan S	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
34	Vaishnavi P	Enthu Technology Solutions India Pvt Ltd	04.01.2021-09.01.2021
35	Siva Sudhan A	Enthu Technology Solutions	04.01.2021-09.01.2021

		India Pvt Ltd	
36	Survesh Hari S	Sai Incubation Centre	04.01.2021-09.01.2021
37	Vishnuraj S	Sai Incubation Centre	04.01.2021-09.01.2021

EXECUTIVE PROGRAM

The department of ECE in association with Centre for IoT and IIPC organized an executive development program on Industrial Automation using IoT to the employees of ECOTEX Sahai Automation from 20.01.2021 to 29.01.2021.

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Department of Electronics and Communication Engineering
In association with Centre for IoT and IIPC
Organizes an Executive development program on
Industrial Automation using IoT
To the employees of
EcoTex
SAHAI AUTOMATION

Date: 20.01.2021 to 29.01.2021
Time: 10.00 AM to 03.00 PM

Convenor
Dr.M.Kathirvelu, Professor & Head/ECE
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Organizers
Dr.S.Kirubakaran, AsP/ECE
Mr.K.Siddharthraju, AP(Sr.G)/ECE
Mr.T.Venkatesh, AP(Sr.G)/ECE
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