Electronics & Communication Engineering News Letter

PESITRONICS Imagination Becomes Reality

PES Institute of Technology & Management, Shivamogga

Affiliated to AICTE, ISO 9001 2015 Certified Institute, NH-206, Sagar road, Shivamogga-577204.

Vision

To be a leading center of excellence in the field of electronics and communication engineering for learning and research with professional ethics.

Mission

M1: To provide quality technical education for students to develop into globally competent professionals.

M2: To develop a framework for collaboration and multidisciplinary activities to ensure ethical and value based education to address social needs.

Dept. of Electronics and Communication Engineering became functional with the establishment of the institute in the year 2007. Being the core branch in Engineering, it has a lot of potential in various Sectors such as Telecommunication, IT, Low power VLSI Design, Embedded system & Robotics, and Manufacturing & Testing. The current intake for UG Program is 120. Dept. of E&CE has highly skilled faculties, well equipped with latest laboratory equipments & industrial software's like CADENCE, MATLAB, Xilinx and more. Department has conducted and organized National Conference, workshops and technical talks related to the current trends and technology. Staff and Students of E&CE have involved with several research/ curricular and co-curricular activities throughout the semesters and academic year, the PESITRONICS newsletter brings you the foretaste of all the activities in the E&CE Department.

To succeed in your mission, you must have a single minded devotion to your goal
Dr. A P J Abdul Kalam.

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Student's Activity/Achievement

Student Names	Semester	Event/Program	Dates	Remark
Ajay Sagar M Amrutha D Vinayaka Athreya B R	3 & 5	PES Army Chess Tournament	14/07/2020	Participated
Pragathi Pai	7	Two days national level HackFest on "Hack Your Mind Using IOT"	28/08/2020 to 29/08/2020	Secured third place in the event
Drushti M B	7	Training on "Internet of Things"	01/08/2020-31/08/2020	Completed the course
Naveen V A	7	Internship on "Artificial Intelligence & Machine Learning"	01/07/2020-01/08/2020	Completed the course
Arpitha B	3	Engineering Physics- E-QUIZ series	08/07/2020	Online quiz
Ramyashree L	5	Two days Foundation program of 3G Me Life	31/10/2020-01/11/2020	Participated
Arpitha B	3	Course on "7 day boot camp on Python" Programming at Rcube innovation	03/10/2020-09/10/2020	Completed the course
Sudeep N R	7	One month internship on Python	11/11/2020-12/12/2020	Completed with B+ grade.
Bhoomika T B	5	Webinar on "Android Application Development using MIT App Inventor" organized by SDM, Dharwad.	20/12/2020	Participated
Bhoomika T B	5	Online course on "Advances in SAR-Polarimetry & Interferometry" conducted by IIRS, ISRO.	14/12/2020-18/12/2020	Participated
Chaitra M	5	Indian Art Contest	1/11/2020-6/12/2020	Participated
Chaitra M	5	Webinar on "Android Application Development using MIT App Inventor" organized by SDM, Dharwad.	20/12/2020	Participated
Chaitra M	5	"Skill Development – Hospitality" approved by Department of Tourism, Govt of Karnataka.	12/10/2020-03/12/2020	Completed
Gowtham Sharma M	3	"Online Family Group singing competition" conducted by Department of E&CE, PESITM, Shimoga.	5/12/2020	Participated
Gowtham Sharma M	3	Singing Youth Festival, Shimoga	5/12/2020	Participated
Akshatha M A	3	"Online Family Group singing competition" conducted by Department of E&CE, PESITM, Shimoga.	5/12/2020	Participated
Arpitha B	3	Webinar on "Android Application Development using MIT App Inventor" organized by SDM,	20/12/2020	Participated

		Dharwad.		
Amrutha D	3	"Online Family Group singing competition" conducted by Department of E&CE, PESITM, Shimoga.	5/12/2020	Participated
Gireesh S S	5	PES Army Chess Tournament	14/07/2020	Participated
Gireesh S S	5	"Lockdown Diaries Challenge" organized by CDC, PESITM, Shimoga	23/4/2020	Participated
Mohammed Khayum Muskan & SaleemT F	5	Completed coursera course on "Programming for Everybody(Getting Started with Python" & Various other MOOC courses also.	12/09/2020	MOOC
Mohammed Khayum	5	Completed NPTEL course on "Soft Skills" with elite grade.	Sep-Dec 2020	12 week course
Mohammed Khayum , Muskan & AsiyaKhanum H S	5	Completed Graduate Rational Internship Program at The Sparks Foundation	November 2020 to December 2020	Completed
Mohammed Khayum & Muskan	5	Participated in online course on "Advances in SAR Polarimetry&Inferometry" conducted by IIRS, ISRO, Denhradun.	14/12/2020 to 18/12/2020	Participated
Preethi M D	7	Completed internship on Internet of Things and Embedded Systems in partnership with Eakyatechnologies	August-2020 to September-2020.	Completed
Pragathi P Pai	7	Completed internship on Internet of Things and Embedded Systems in partnership with Eakyatechnologies	August-2020 to September-2020.	Completed
Rakshitha S R	7	Completed internship on Internet of Things and Embedded Systems in partnership with Eakyatechnologies	August-2020 to September-2020.	Completed
Pratheeka K Hobalidar	7	Completed internship on Internet of Things and Embedded Systems in partnership with Eakyatechnologies	August-2020 to September-2020.	Completed
Rachitha T	7	Completed internship on Internet of Things and Embedded Systems in partnership with Eakyatechnologies	August-2020 to September-2020.	Completed
SunmeethPai M	1	Completed the certification exam on "The Fundamentals of Digital Marketing" by Google Digital Unlocked.	30/01/2020	Completed

Our Students Our Pride

Topper's List for the odd semester.

3rd Semester		5th semester		7th Semester	
AKSHATHA M A	**80.44%**	**MOHAMMED KHAYUM**	**86.55%**	**PRATHEEKA K HOBALIDAR**	**87.25%**
AJAY SAGAR M	78%	SOUMYA S RATHOD	81.11%	MEGHANA G H	86.75%
KIRANA G D	77.88%	RAMYA SHREE L	80.77%	RAKSHITHA S R	86.62%
KAMAL KUMAR C	76.77%	PRATIMA A NARAPPANAVAR	78.55%	VEENA N B	85.75%
BHAVANA S	76.44%	PUSHPA S MALEBENNURU	78.55%	NIMRA BANU	85.5%
VISHNUBALIKILE	76%	MANDARA S	77.77%	MONIKA J L	85.5%
SAHANA HM	75.11%	VINAYAK ATHREYA B R	77.55%	MONIKA J L	85.25%
SAHAS H S	74.44%	JEEVITHA S	76.33%	MOUNAVI B	83.12%
YATHIN SSHETTY	74.44%	DIVYASHREE H J	76.22%	MUBINA BAPUSAHEB NAIKWADI	83.12%
SACHIN D SHASTRY	73%	MONIKA M C	75.77%	LAKSHMESHA RAMACHANDRA NAIK	81.63%

Placed Students

Forum Activities

The department of Electronics and Communication Engineering, PES Institute of technology and Management, Shivamogga under AGAMYA forum organized **"ONLINE FAMILY GROUP SINGING COMPETITION"** for 2nd and 3rd year students of ECE department on 5th November 2020 using online Google meet platform. Mr. Nithin H V and Mrs Rashmi T S, Asst. professors of ECE department were present as Judges for the event.

Students participating in "ONLINE FAMILY GROUP SINGING COMPETITION"

Ms. Pooja Juttur of 5th SEM and family won the "BEST MUSICAL FAMILY" award

Books are the means by which we build bridges between Cultures
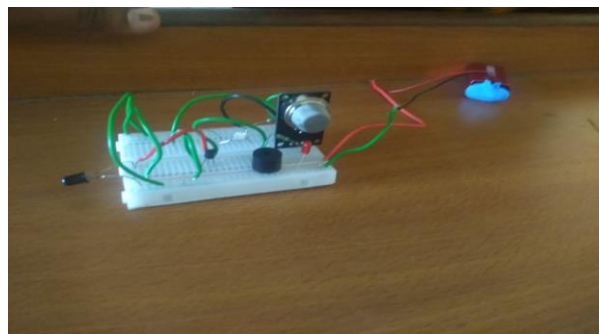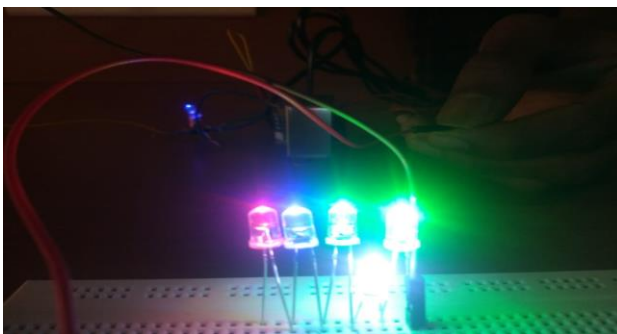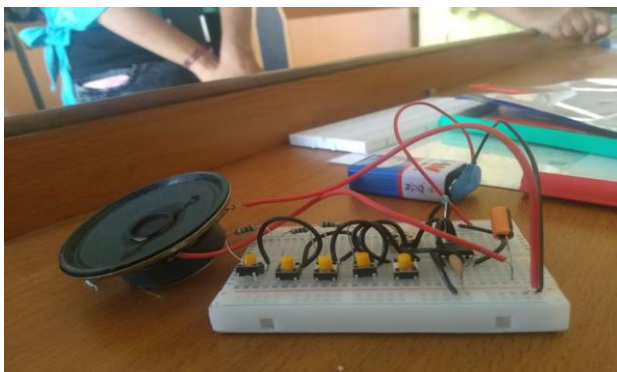-   Sarvepalli RadhaKrishnan

"CIRCUIT DESIGN CONTEST"

The department of Electronics and Communication Engineering, PES Institute of technology and Management, Shivamogga under AGAMYA forum organized **"CIRCUIT DESIGN CONTEST"** for students of ECE department on 6th February 2021. In this contest about 60 students participated and designed various electronics circuits to demonstrate their circuit designing skills to solve engineering problems.

Students explaining their Circuit to judges

Various other Circuits Designed & Demonstrated by our Student Community

The winners of the event are:

1. Akshatha M A - 4PM19EC005
2. Yashwanth M - 4PM19EC086

Faculty Activities/Achievements

FDP/STTP/Webinar attended

1. Mr. Prashanth S B has participated in AICTE sponsored virtual short term training programme on " Awareness of Intellectual Property Rights for Engineers and Industrialist" organized by S.G Balekundri Institute of Technology, Belagavi from 17/11/2020 to 22/11/2020.
2. Mrs. Shyamala S C has participated in a webinar entitled "Idea to Innovation and Filling Patent"conducted by Lakireddy Balireddy College of Engineering, Mylavaram on 27/11/2020.
3. Mrs. Yojana Yadav has attended one week online training program on "NAAC Accreditation Process" conducted by National Institute of Technical Teachers Training and Research, Chennai from 23/11/2020 to 27/11/2020.
4. Mr. Kunjan D Shinde has participated in a webinar entitled "Idea to Innovation and Filling Patent"conducted by Lakireddy Balireddy College of Engineering, Mylavaram on 27/11/2020.

Paper Presented

1. Mrs. Yojana Yadav has presented a paper titled "FECG Extraction using 1D Convolution Neural Network" in the 1st International Conference on Cutting Edge Technologies in Computing and Communication Engineering organized by NIT, Kurukshetra during November 6-7, 2020.

Student Activities Organized

1. Mr. Shivaprasad B K coordinated the forum activity "Online Family Group Singing Competition" for 3rd, 5th and 7th semester students on 5/11/2020.

Call for Newsletter Articles

We need articles for future additions of Newsletter

Please consider providing a short item of news, or an in depth article for the next edition of the newsletter. We would like to invite everybody to submit a short story/article/announcement that can fit in the following structure.

News items and announcements –

- Short, topical, news oriented technical/ non-technical topics.
- Paintings, sketches, comics, poems, dag-writings, short stories etc.
- Major and minor technical articles are also accepted.
- Jokes, Punch dialogues, quotes of your own could be included.
- All of above said matters could be accepted in English or in kannada formats

Feel free to communicate with the student and staff coordinators for more details.

\- Editor

Editorial Team

Mr. Bipin (3rd Sem, ECE)
Mr. Md. Khayum (5th Sem, ECE)
Ms. Nimrabanu (7th Sem ECE)

Mr. Prashanth S B, Asst. Professor, Dept. of ECE, PESITM, Shivamogga.

Mr. Kunjan D. Shinde, Asst. Professor, Dept. of ECE, PESITM, Shivamogga.

Three Hobbies for LIFE: One to make your money, One to keep you in Shape, & One to be creative.