



P.S.R ENGINEERING COLLEGE

DEPARTEMENT OF ECE

NEWSLETTER



JANUARY- MAY 2019



Education is the Process of continuous learning and improvement. In the present scenario, students should be trained up with professional qualities apart from book education. Hard work and commitment are essential to achieve their goals. In our Department, we nurture professionalism apart from bookish education. We also aim at improving student's practical skills through Internships and Inplant Training.

DEPARTEMENT EVENTS



National Level Technical Symposium

Organised by ECE Department on 10th January 2019. Participants from various colleges exhibited their talents through Technical and Non Technical events.



Faculty Development Programme on **“TECHNICAL CHALLENGES ON SOCIAL IOT”** was held on 22.01.2019 .The Resource Person was Dr. Anand Paul ,Professor And Director ,School of Computer Science and Engineering , Kyungpook National University Deagu, South Korea . Innovations and possible IOT problems were discussed. It was quite Informative session for academic researchers.



NSS & YRC conducted the Awareness Programme for rural people. ARAVIND EYE Hospital, Tirunelveli carried out the **Eye Check up** on 16th February 2019 .



Hands on training on **“ PCB DESIGN AND TESTING”** for II and III Year ECE students was held on 9th March 2019 by Dr. M. ARUN-RAJA,ME.,Ph.D.,MBA SOFIA INFOLOGY MADURAI.



WOMEN'S DAY was celebrated on 6th March 2019. The Women Inspirers Actress Mrs. Kasthuri, Anchor Mrs. Hemalatha, Sports champion Ms. Jerlin, Young author Ms. Sagarekha, Singer Ms. Chinnaponnu and entrepreneur Ms. Deepa motivated our students through their enthusiastic speech.

PLACEMENT DAY



PLACED STUDENTS LIST

| | | |
|----|-------------------------|-------------------|
| 1 | J. Vishnu Sankar | TCS |
| 2 | S. Vinoth Raj | SMART DV |
| 3 | M. Anupriya | BEVYWISE NETWORKS |
| 4 | M. Gomathi | BEVYWISE NETWORKS |
| 5 | B. Manjula Devi | BEVYWISE NETWORKS |
| 6 | A. Muruga Lakshmi | BEVYWISE NETWORKS |
| 7 | S. Kasthuri | RIDSYS |
| 8 | A. Raji | ETHNUS |
| 9 | S. Nandha Kumar | ETHNUS |
| 10 | S. Lalitha | ILM |
| 11 | B. Rajkanna | ILM |
| 12 | S. Saravana Prakash | ILM |
| 13 | T. Kishore | ILM |
| 14 | U. Saraswathy | UNIQ TECHNOLOGIES |
| 15 | G. Karthick Kumar | JUST DIAL |
| 16 | C. Karuppa Samy Pandian | JUST DIAL |
| 17 | S. Manicka Kumar | JUST DIAL |

LIST OF STUDENTS PLACED IN HINDUJA GLOBAL SOLUTIONS

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|----|--------------------|----|-------------------|
| 1 | S.Rajalakshmi | 17 | S.Lalitha |
| 2 | M.Sarathabavin | 18 | S.Keerthana |
| 3 | R.Keerthana | 19 | G.R,Keerthana |
| 4 | N.Subhazini | 20 | V.Aishwarya |
| 5 | P.Pavithra | 21 | K.Shenbagavalli |
| 6 | R.Raja Rajeswari | 22 | J.Haritha |
| 7 | A.Priyanka | 23 | V .Harini |
| 8 | P.Vinitha | 24 | P.Iswarya |
| 9 | A.Raji | 25 | N.Vathchala Devi |
| 10 | S.Dharshanadevi | 26 | K.Thiviya |
| 11 | P.Sharmila Rani | 27 | B.Rajkannan |
| 12 | S.Pommy | 28 | T.Rathin Sebastin |
| 13 | S.Uma Maheswari | 29 | A.Nandha Kumar |
| 14 | A.Rashitha Balkees | 30 | N.Vigneshkumar |
| 15 | N.Muthu Abiseka | 31 | M.Jothilakshmi |
| 16 | S .Chitra Devi | 32 | .Subbulakshmi |

STUDENTS ACTIVITIES



“**Innovation Festival 2019**” –Project Contest was conducted by District Science Center Tirunelveli on 03.02.2019. IV Year ECE students S.ChitraDevi, S.Deepa, R.Jeyalakshmi won the prize for their innovative project.Title of the project is “Wheelchair cum Stretcher for smart healthcare” guided by Dr.P.Ranjiithkumar.



Five Days Hands on training on “**Basic Electronic Components**” was conducted by Dr.P.Karuppasamy for the first year students during 07.01.2019 to 11.01.2019.

Karpagam College of Engineering, Coimbatore Conducted “KCE Dhruva 2K19” during 14 th & 15th March 2019.IV Year ECE Students S.Soundharakumar & N.Sridharanan have participated in the Technical Events EXQUIZ ME and Paper Presentation.



About 101 students from the III year of ECE accompanied by faculties Mr.S.Balasubramanian and Mr.G.Lingasamy.visited SRTTC ,Chennai on 12 th JAN 2019 & Vi Micro Systems, Chennai on 13 th JAN 2019 .

IV year ECE students B.Ganeshkumar and S.Soundharakumar attended a one day workshop on “**ETHICAL HACKING AND CYBER FORENSICS**” at Kalasalingam Institute of Technology, Krishnankoil during 14th & 15th March 2019.



Around 100 students from the II year of ECE visited BPL TELECOM, Palakadu on 10.03.2019 along with faculties Dr.S.Vinoth & Dr.R.SenthilGanesh.

STAFF ACTIVITIES

BOOK CHAPTER

| Name of the Author | Title of the book/chapters published | Name of the publisher | ISBN/ISSN number of the | Year of publication |
|--------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------|---------------------|
| Dr.P. Marichamy | Design of Space-Efficient Nano Router in Reversible Logic with Multilayer Architecture | Lecture Notes in Electrical Engineering , Springer Verlage | 1876-1100 | 2019 |

JOURNALS

| S. No | Title of paper | Name of the author/s | Name of the journal | Year of publication | ISSN number | Published in Scopus / UGC Listed |
|-------|----------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------|---------------------|-------------|----------------------------------|
| 1 | An approach to Enhance packet classification performance of software-defined network using deep learning | Dr. K. Valarmathi | Soft Computing | 2019 | 1432-7643 | Scopus |
| 2 | Design of Space-Efficient Nano Router in Reversible Logic with Multilayer Architecture | Dr. P. Marichamy | Lecture Notes in Electrical Engineering | 2019 | 1876 - 1100 | Scopus |
| 3 | Wheelchair cum stretcher for Smart Healthcare | Dr. P. Ranjith Kumar | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 4 | Industrial Based Fire Detection and Protection Robot using Arduino | Dr. P.Karuppasamy | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |

NATIONAL CONFERENCE

| S.No | Name of the teacher | Title of the paper | Title of the proceedings of the conference | Year of publication |
|------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------|
| 1 | Dr. P. Marichamy | Li-fi Based Effective Communication for Vehicle Control | National Conference on Innovative Developments in Electronics Applications for Society (IDEAS' 2019) | 2019 |
| 2 | Dr .K Valarmathi | Viral Fever Notification System using IoT | National Conference on Innovative Developments in Electronics Applications for Society (IDEAS' 2019) | 2019 |
| 3 | Dr. R. Vinoth | Extending Quadruple Adjacent Error Detection and Correction to Seven Bit Adjacent Error Correction to Protect Memory from Soft Errors | National Conference on Innovative Developments in Electronics Applications for Society (IDEAS' 2019) | 2019 |
| 4 | Dr. P. Ranjith Kumar | Wheelchair cum Stretcher for smart healthcare | National Conference on Innovative Developments in Electronics Applications for Society(IDEAS' 2019) | 2019 |
| 5 | Dr. P. Karuppasamy | Industrial based fire detection And pro-detection Robot using ARDUINO | National Conference on Innovative Developments in Electronics Applications for Society (IDEAS' 2019) | 2019 |

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|----|--------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------|------|-----------|-----|
| 5 | Remote Control Robotic Machine for Collecting Waste from Fresh water Resources | Mr. N. S.Yogaananth | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 6 | Remote Control Robotic Machine for Collecting Waste from Fresh water Resources | Mr. R. Arun Kumar | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 7 | Rural Healthcare based IoT system using GSM | Dr. R. Vinoth | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 8 | An Intelligent Self Governing Farming System depends on IoT | Mrs. S. Mahalakshmi | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 9 | Human Rescue Robot | Mr.S.Athimoolam | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |
| 10 | An Affordable Air Profanation Control and Electricity Production System | Dr. R. Senthil Ganesh | Journal of Emerging Technologies and Innovative Research | 2019 | 2349-5162 | UGC |

INTERNATIONAL CONFERENCE

| Name of the teacher | Title of the paper | Name of the conference | Year of publication |
|---------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|
| Dr. K. Valarmathi | Implementation of Cognitive Learning FDG-IOT Framework for the Industrial Fault Diagnosis and Tolerant systems . | Second International Conference on Innovations in Computing, Automation and Intelligent Information Systems (ICAIS-2019) | 2019 |