E-Sancharika
DEPARTMENT OF ECE NEWS LETTER
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VISION

- *To become a reputed Department of learning in Electronics and Communication in research and transform the students in to professional engineers.*

MISSION

- *To provide strong foundation in core electronics and communication engineering that will make students to explore advances in research for higher learning.*

- *To provide the learning ambience to nurture the young minds with theoretical and practical knowledge to produce employable and competent engineer.*

- *To imbibe moral values, professional ethics, team spirit and leadership qualities among students and faculties to contribute to the continuously evolving technologies.*

- *To inculcate empathy for societal needs and concern for environment in engineering research development and practices.*

Editorial Team:

Dr. P. H. Gopal Mani, Professor & Head, - *Editor* Dr.Pallavi Khare, - *Co-Ordinator*
Mr.M.Naresh, - *Co-Ordinator*

Student Co Ordinators:
Mr. M.Sai Kumar, III ECE
Ms. Srinija, III ECE
Mr. Akshit Alwala, II ECE
Mr. K. Pavan Kumar II ECE

About The Department

The ECE Department was established in 2011 with an intake of 120 students. Dr. P. H. Gopal Mani, HOD ECE completed Ph.D in Embedded Systems and he has 36 years of experience. The department has excellent laboratories and well qualified 24 faculty. The department trains the young engineers to cater to the technological needs of the nation. The faculty members are associated with IETE, IEEE & CSI.

Faculty patents

Dr. Pallavi Khare registered for 6 patents i.e.,

Diary Number	Submitted on	Title of Work
9376/2015-CO/L	01/09/2015	Brain Tumor Segmentation and its area calculation in brain MR images using k-mean clustering and fuzzy c-mean
9365/2015-CO/L	01/09/2015	segmentation and classification of MRI Brain tumor images based on cellular automata and neural network
9364/2015-CO/L	01/09/2015	Devising Classifiers for analyzing and classifying Brain Tumor using PCA and Back Propagation Algorithm
9152/2015-CO/L	26/08/2015	Devising Classifiers for Coupling Measures in Object Oriented Environment: IMPACT, EFFECT AND RELATIONSHIP
9099/2015-CO/L	25/08/2015	EIRTAR
9246/2015-CO/L	27/08/2015	Devising Design Classifiers for Object Oriented Augmented Reality Environment and Its Dependences

Events by the Department

- **Inauguration of Institute of Electrical and Electronics Engineers (IEEE)**
  IEEE MECS Student branch was inaugurated on 16th October, 2015 with Branch code: STB17791 and School code : 60105217 in the presence of Dr. Koduri Srinivas, Chairman-IEEE Hyderabad Section as Chief Guest, Dr. N.V.Rao, Chairman-Nominations Committee as Guest of Honour and Dr. Y. Vijayalata, Student Activity Chairman, IEEE Hyderabad Section .

Technical talks by the Department

Some of the technical talks by the eminent persons are as given below

Chapter	Technical Talk on	Date
IEEE	"Emerging Trends in Power System Planning and Operation" by Dr.R.Balasubramanian	16.10.15
IEEE Hyd. Section	"Benefits of IEEE to Student Members" by Dr.Y.Vijayalatha Reddy(SAC Chair, IEEE Hyderabad section)	16.10.15
IEEE	"Pushbroom Techniques" by Dr.Koduri Srinivas (Chairman, IEEE Hyderaberabad Section)	16.10.15
IEEE	"Benefits of IEEE to Student Members" by Dr.Y.Vijayalatha Reddy(SAC Chair, IEEE Hyderaberabad section)	16.10.15
IETE-ISF	Half day tutorial on Embedded processor architecture and ARM applications	26.09.2015

Ph.D degree Awardees

The faculty members who have been awarded Ph.D degree in the month of August-2015

Faculty Name	Research Topic	University	Year of completion
T.V.V.Satyanarayana, Associate Prof	Kernel Based IRIS Recognition system with Dimensionality Reduction	JNTUH	2015-16
Pallavi Khare, Assistant Prof	Devising Classifier for Classification and Segmentation of Brain Tumor using Integrated Frame work	JJTU Jhunjhunu , Jaipur, Rajasthan	2015-16

FDPs/Workshops/Seminars by Faculty

Name of the Faculty	No.of FDPs/Workshops/ Seminars
Dr. N. Srinivasa Rao	02
Dr.P.H.Gopal Mani	03
Dr. T.V.V.Satyanarayana	02
Mr. V. Karunakar Reddy	02
Mrs. A.S.Keerthi Nayani	01
Mr.CH. Madhu Babu	01

Name of the Faculty	No.of FDPs/Workshops/ Seminars
Mrs. K. Vijetha	01
Mr. D. Nagaraju	05
Mrs. B. Indira Priyadarshini	01
Mr. P. Ravi Kumar Reddy	01
Mr. M. Naresh	03
Mrs. K. Aruna	03
Dr. Pallavi Khare	08

Students' Participations

Roll No	Name of the Student	Event Attended	Date	Place of event
1608-15-735-034	M.Suchitra	Youth Convention Sharddha	10.09.2015 & 12.09.2015	Vivekananda Institute of Human Excellence, Hyd.
1608-15-735-007	Puli manasa Gayathri	Zonal Center Workshop on Micro Mouse	25 & 26.09.2015	Jarvis India Technologies IIT Khargpur hosted at MVSR Engineering College.
1608-15-735-087	Narla Varsha	Zonal Center Workshop on Micro Mouse	25 & 26.09.2015	Jarvis India Technologies IIT Khargpur hosted at MVSR Engineering College.

Faculty Publications

Dr. Pallavi Khare published two chapters i.e.,

Title	Chapter No.	Chapter Name	Publisher	DOI
Exploring the Convergence of Big Data and the Internet of Things	8	Internet of Things for Smart Cities	IGI Global	10.4018/978-1-5225-2947-7.ch008
	13	Data Mining for the Internet of Things	IGI Global	10.4018/978-1-5225-2947-7.ch013