



ECE HERALD

NEWSLETTER...



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

January-June - 2017

Volume : 3

Issue : 1

Message by Academic Director



I am very happy that the Department is progressing well in all aspects of the academic life. Faculty shall focus on the awareness about research trends and new technologies that are emerging and create consciousness to the students. This newsletter has brought out the highlights of the department in an apt manner. Best Wishes.

Prof. A. Sessa Rao

Message by Principal

This year has seen substantial growth in terms of academic and extra-curricular activities. This shall improve further and the department shall scale newer heights. All the best to the editorial team!

Dr. J. Sudhakar



Message by Head of the Department



I am delighted to share that the Department of ECE has been progressing consistently by registering impressive growth trends in all spheres of academic life prevalent in the campus. I implore my faculty and students to further up this momentum to newer heights of glory.. Congratulations to editorial team for wonderful efforts in bringing out this issue of the newsletter

Mr. Ch. Ramesh Babu

Vision

To emerge as a center of excellence in the field of Electronics & Communication Engineering to produce competent women engineers with ethical values

Mission

M1 : To train the globally employable engineers through effective teaching learning process, industry ready skills and value added courses.

M2 : To promote highr education and research initiatives through continuous industry interaction and special skill development programs.

M2 : To promote ethical values, personality and leadership skills through extra and co-curricular activities.

Editorial Board

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Prof. J. Sudhakar

Principal

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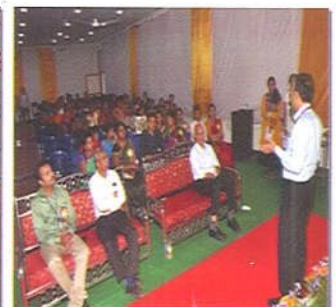
Guest Lecture on Embedded systems and networking

Title of the Lecture : Lecture on "Embedded systems and networking" on 09/02/2017.

Presenter : Mr. Abraham Varghese, Life fellow of IETE, Scientist-G, NSTL,

No of Participants : 175

A One day Guest Lecture on "MEMS Technology for Engineers" was organized by Department of ECE, VIGNANS INSTITUTE OF ENGINEERING FOR WOMEN under IETE VIEW STUDENT CHAPTER on 09/02/2017. Mr. Abraham Varghese, Life fellow of IETE, Scientist-G, NSTL delivered a lecture on real time embedded designs of different advanced microcontrollers. Students got acquainted with C programming concepts, IDE tools and Hardware Modules and latest trends in embedded systems and hardware module design in real time environment.



NAVITAS EVENT On 7th Feb 2017

Association members for Navitas 2017

President M.Selvi III ECE-B	General Secretary : G.Vishnu Priya III ECE-A	Treasurer K.J.Padmaja III ECE-C	Vice-President A. Sravani II ECE-C	Co-Treasurer G. Sailaja II ECE-C
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Sports:

- **Throwball winners** : ECE students ○ **Throwball Runners** : ECE Students

13NM1A0423 D.JHANSI LAKSHMI 83%	13NM1A04A0 S.HARSHITHA 80%
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Guest Lecture on MEMS Technology for Engineers

Title of the Lecture : Lecture on “MEMS Technology for Engineers” on 18/02/2017.

Presenter : Prof.D.V.RamaKotireddy, IETE Secretary for Vizag Section, HoD Dept. of EIE, Andhra University College of Engineering

No of Participants:
195

A One day Guest Lecture on “MEMS Technology for Engineers” was organized by Department of ECE, VIGNANS INSTITUTE OF ENGINEERING FOR WOMEN under IETE VIEW STUDENT CHAPTER on 18/02/2017. Prof.D.V.RamaKotireddy, IETE Secretary for Vizag Section, HoD Dept. of EIE, Andhra University College of Engineering delivered a lecture, highlighting the fundamental concepts of the Micro- Electro Mechanical Systems (MEMS) technology. He further elaborated on the finer aspects of micro devices like micro sensors, microelectronics etc. Students got familiarized with the usage of micro components and conversion of energies.



Workshop on “PCB Designing”

Title of the Lecture : Lecture on “PCB Designing” on Date: 30th June 2017

Presenter : Mr. K.Sanjeev, QUE technologies, Vijayawada.

No of Participants:
130

IETE VIEW STUDENT CHAPTER organized a Two Day Workshop on PCB Designing at the Department of ECE, VIEW. This workshop enlightened the learners with real time design of hardware components on PCB boards and PCB circuit layout. The session was taken up by **Mr. K.Sanjeev, QUE technologies, Vijayawada**. The concepts helpful for designing the PCB practically are explained. Theoretical explanation is given about the KI-CAD software and the use of software for further practical implementation in designing the PCB and active and passive electronic components which will be used in a PCB. All students designed the PCB boards and obtained knowledge in real time applications. All the students responded that they have learned and had hands on experience in designing a PCB. They are very excited about their participation in this workshop.



2013-17 PLACEMENTS 111 ECE STUDENTS PLACED IN DIFFERENT COMPANIES



Awards

FDP's Attended

- **Dr. J.Sudhakar** attended a FDP on “**Geospatial World Forum 2017**”, organized by Geospacial communications, Hyderabad, from 21/01/2017 to 26/01/2017.
- **Mr.K.V.Ramana rao** attended a FDP on “**Geospatial World Forum 2017**”, organized by Geospacial communications, Hyderabad, from 21/01/2017 to 26/01/2017.
- **Mr. B. Sai Bharadwaj** attended a FDP on “**Geospatial World Forum 2017**”, organized by Geospacial communications, Hyderabad, from 21/01/2017 to 26/01/2017.
- **Mr.K .Sridhar** attended a FDP on “**Geospatial World Forum 2017**”, organized by Geospacial communications, Hyderabad, from 21/01/2017 to 26/01/2017.
- **Mr.K.V.Ramana rao** attended a FDP on “**Geospatial World Forum 2017**”, organized by Geospacial communications, Hyderabad, from 21/01/2017 to 26/01/2017.
- **Ms.P.Kamala** attended a FDP on “**CST Microwave Studio**”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.
- **Mrs.B.Manjula** attended a FDP on “**CST Microwave Studio**”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.
- **Ms.D.Srikanya** attended a FDP on “**CST Microwave Studio**”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.
- **Mr. N Venkata.Chaitanya** attended a FDP on “**CST Microwave Studio**”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.

Mr. B.SrinivasaRao attended a FDP on “CST Microwave Studio”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.

Mr.A.Suresh attended a FDP on “CST Microwave Studio”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.

Mrs. S.Malathi attended a FDP on “CST Microwave Studio”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.

Mrs. T.Umamaheswari attended a FDP on “CST Microwave Studio”, organized by VIIT(A), Duvvada, Visakhapatnam, from 22/06/2017 to 23/06/2017.

Conference publications

- Mrs. T. Sandhya Kumari, published a paper on “MRI-PET Image fusion using tuned coefficients”, Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, April, 2017.
- Dr.J.Sudhakar, Mrs.Ch. Padma Vani published a paper on “A Novel Ripple Borrow subtractor cell design using asynchronous methodology”, Ranganathan Engineering College, Coimbatore, March, 2017.

Journal Publications

- Ms. P. Kamala, published a paper on “A Tool Assessing Optimal Multi-Scale Image Segmentation”, Journal of the Indian Society of Remote Sensing, ISSN 0255-660X J, DOI 10.1007/s12524-017-0685-7, May- 2017.

Short term courses

- Mr. B. Sasikanth attended a Short term online course on “The Arduino Platform and C Programming”, organized by University of California, Irvine, on 01/05/2017.
- Mr. B. Saibhardwaj attended a online course on “Probability and Random variables/ Processes for Wireless Communications”, organized by NPTEL from Jan-Feb 2017.

Workshop Organised Faculty

- Dr.J.Sudhakar organised a workshop on “A two day workshop on IoT Using MSP430”, organized by VIEW, Duvvada, Visakhapatnam, from 15/02/2017 to 16/02/2017.
- Mr.Ch.Ramesh babu organised a workshop on “A two day workshop on IoT Using MSP430”, organized by VIEW, Duvvada, Visakhapatnam, from 15/02/2017 to 16/02/2017.



VIGNAN'S

INSTITUTE OF ENGINEERING FOR WOMEN

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