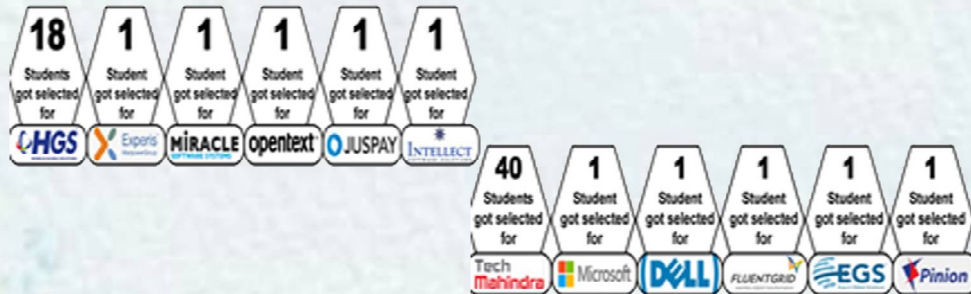


PLACEMENTOR

CSE:



ECE :



STUDENT ACHIEVEMENTS

- ◆ L. Anuradha (15NM1A0563), E. Pravallika (15NM1A05D0) secured **Third Position** in **Throw Ball** at **5th JNTUK Inter collegiate single Zonemeet** held at **Aditya Engineering College, Surampala Kakinada East Godavari (Dist)** from **02/03/2017 to 04/03/2017**.
- ◆ S. Tulasi (15NM1A05D4), K. Kavaya (15NM1A0509), D. Kamalacsvari (15NM1A0522) secured **First Position** in **KHO-KHO** at **5th JNTUK Inter collegiate single Zonemeet** held at **Aditya Engineering College, Surampala Kakinada East Godavari (Dist)** from **02/03/2017 to 04/03/2017**.



VIGNAN'S
INSTITUTE OF ENGINEERING FOR WOMEN

(Approved by AICTE & Affiliated to JNTUK)
ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Institution
KapuJaggarajupeta, Visakhapatnam-530 049.

VISION

To be a leading institution of women empowerment producing internationally accepted professionals with psychological strength, emotional balance and ethical values

MISSION

M1: To empower women engineers through innovative teaching-learning practices.

M2: To encourage for higher education and research with well-equipped laboratories.

M3: To promote entrepreneurship through creativity and innovation.

M4: To promote environmental sustainability and inculcate ethical, emotional and social consciousness.

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From the Principal's Desk:

I am delighted the campus news-letter has come out with some interesting news about the activities of the campus. These activities on the research & academic front shall inspire the faculty as well as students to mount newer heights of academic glory. Hearty congrats to the editorial team of the institution and the respective departments as well!

Dr. J.Sudhakar

Message by Academic Director:

It is a welcome gesture from the editorial team in their efforts to bring about this issue of the campus news-letter which has been the witness to the events and issues that crisscross the tides of the campus that have been crystallized in the letters of this document of the diary. With best wishes!

Prof. A. Sesha Rao



Guest Lecture on Embedded systems and networking

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.



Guest Lecture on MEMS Technology for Engineers

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.



Two Day Workshop on PCB Designing

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.



"Be the change that you wish to see in the world."

DEPARTMENT OF ECE

- **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.
- **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.

DEPARTMENT OF IT

- Mr. Hari Jyothula published a paper entitled “**Image Segmentation Applying Adaptive Kernall Possibilistic C-Means with level set method – A cluster center initialization approach grounded on Cuckoo based search**” in SCOPUS journal “Journal of Engineering and Technology”, Volume 6 in the month of May.
- Mr. Hari Jyothula published a paper entitled “**Two Phase Active Counter mechanism embedded with particle swarm optimization technique for segmentation of Bio medical images**” in SCOPUS journal “Journal of Advanced Research in Dynamic & Control Systems”, Volume 6 in the month of June.
- Mr. Hari Jyothula published a paper entitled “**Integration of LCV along with Optimization Techniques for Segmentation**” in a press “Journal of Engineering and Applied Sciences”, during the month of June.

DEPARTMENT OF CSE

- Mr. K. Vijaya Kumar, Assoc. Prof published a paper on **IBFWA: Integrated Bloom Filter in Watchdog Algorithm for hybrid black hole attack detection in Manet** in *Information Security Journal of Volume 26, March 2017*.

DEPARTMENT OF EEE

- Ms.B.MaryPushpalatha, Asst.Prof.-“*Design of Power System Stabilizer Using TLBO Technique.*” IJPAM Journal, Vol.114, No.8, Special Issue, ISSN: 1311-8080.
- Mr.K.DurgaSyam Prasad, Asst.Prof – “*Wavelet Technique for Identification, Classification and Mitigation of Power System Faults and Disturbances.*” IJPAM Journal, Vol.114, No 8, ISSN: 1311-8080.
- Mr.K.V.Sri Ram Prasad, Asst.Prof- “*Speed Control Strategy of Brushless DC Motor Using PID and IMC Controller.*” International Journal of Electrical, Electronics & Communication Engineering, Vol. 7, Issue 6, ISSN: 2319-2232, June 2017.

AWARDS



Dr. K. Chandra Sekhar Beera was awarded **Sastra Award** For His research Excellence at VIEW Vignan's Institute of Engineering College for Women for the year 2016-2017

DEPARTMENT OF B S & H

- Dr. K. Venkata Prasad published a paper on Spectroscopic studies (FT-IR, FT- Raman, UV-Visible), and Quantum chemical studies of 4-chloro-3-iodo benzophenone in the Journal of Molecular Structure (Scopus) Vol 1128, PP: 685-693. 2017 <http://dx.doi.org/10.1016/j.molstruc.2016.09.037>
- Dr. K. Chatanya published a paper on Vibrational and electronic properties of 4'-halomethyl-2 biphenylcarbonitrile compounds in Journal of Molecular Structure (Scopus) Vol : 1144, pp: 313-323 2017 <http://dx.doi.org/10.1016/j.molstruc.2017.05.053>
- Dr. B.Chandra Sekhar published a paper on Enhanced magnetic and magnetoelectronic properties of Mn doped multi ferrites in Ceramic International (Scopus) Vol:398, pp:59-63 2017 <http://dx.doi.org/10.1016/j.ceramint.2017.04.085>
- Dr.V.R.S.S Srikanth published a paper on Kinetic of oxidation of methyl orange by Vanadium (V) under conditions VO₂⁺ and decavanadates coexist: catalysis by Triton X -100 micellar medium Chemistry International Vol 3, pp: 39-45 2017

FDPS/WORKSHOPS/CONFERENCES: FACULTY

DEPARTMENT OF CSE

- ▶ Mr. I.Raju, Asst. Prof & Mrs.D.Kamal Kumari, Asst. Prof. attended A Two Day Interdepartmental workshop on **IoT & its Applications in the field of Engineering (IoTAFE'17)** at JNTU Vijayanagaram from 24/03/2017 to 25/03/2017.

DEPARTMENT OF ECE

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

DEPARTMENT OF EEE

- Ms.V.V.Sai Santoshi, Asst Prof ,Ms Purnima, Asst Prof and Ms. V. Kalyani, Asst Prof attended Workshop on “Free Open Source Software in Training, Teaching and Learning “at NIT Warangal from 4.03.2017 to 5.03.2017.
- Ms B.Mary Pushpalatha, Asst Prof ,Mrs. .K. Therissa, Asst Prof ,Mrs. G Spandana, Asst Prof and Ms.K.Kalyani, Asst Prof attended Workshop on “Developing OER- enabled e-learning course using MOODLE” at NIT WARANGAL from 18.03.2017 to 19.03.2017.
- Mr.B.Rajesh, Asst Prof, Mr.V.Avinash, AsstProf, Mr.K.V.Sri Ram Prasad, Asst Prof, and Mr.B.Jaya Prakash, Asst Prof attended “A Two Day National Workshop on Outcome -based education and Accreditation.” at GMRIT, Rajam from 17.

DEPARTMENT OF BS&H

- Mr.S.K.Chaitanya Ch presented a paper on Integrating Literacy text to improve cognate and learning competences among engineering Graduates International conference on Cognitive approaches to Language and Literature Bharathiar University, Coimbatore 3rd-4th March 2017
- Mr.K.Surya Narayana Rao participated in a FDP on R programme for scientists and Engineers NIT Warangal. 13-6-2017
- Mr.M.P.V.V. Bhaskara Rao participated in a workshop on Science Academies Lecture workshop on Applications of Differential Equations in Engineering and Biology Department of Mathematics, Sri Venkateswara University, Tirupati. 9th -11th March 2017.
- Dr.I.S.V.Manjula & Mr.K.G.B.Santosh Kumari participated in national workshop on Quality measures in Technical Education IQAC, Gayatri Vidya Parishad College of Engineering 18th March 2017
- Dr.B.Chandra Sekhar & Dr.R.Hanumantha Rao Participated in the Workshop on “Diffraction and other Characterization Techniques in Material Science” Department of Physics, Kakatiya University, Warangal. 12th – 13th April, 2017