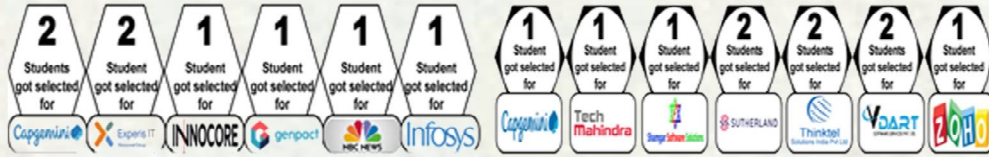




# PLACEMENTOR



A – Three day Interdepartmental workshop on “BOOTSTRAP” was organized by the department of Computer Science Engineering and Information Technology in collaboration with Brain-o-Vision on 21<sup>st</sup> – 23<sup>rd</sup> July 2017



A Three Day Inter-Departmental workshop on “Ethical Hacking” was organized by Department of Computer Science Engineering and Information Technology on 17<sup>th</sup> – 19<sup>th</sup> August, 2017.

A Three Day Inter-Departmental workshop on “AP Cloud MEAN Stack and Cloud Developer” was organized by Department of Computer Science Engineering and Information Technology in Association with AP Cloud Team, Miracle Software Systems, Inc on 27<sup>th</sup> – 29<sup>th</sup> November 2017.

#### Orphanage Visit Under AKSHAYA Foundation

The students of 2014 and 2015 admitted batch visited the orphanage on 29<sup>th</sup> December, 2017 to help the needy children with different items under AKSHAYA Foundation Scheme.



4. A Three Day Inter-Departmental workshop on “Google Android Development Fundamentals” was organized by Department of Computer Science Engineering and Information Technology in Association with Andhra Pradesh State Skill Development Corporation (APSDC) on 7<sup>th</sup> – 9<sup>th</sup> December 2017.



Presenter: Ms. Manesha Mishra, Senior System Engineer, Infosys Ltd.

This lecture helped the learners to challenge habitual thinking patterns and replace them with more positive behaviors. How learners should develop self-motivation skills, become focused on achieving self-set goals and become more confident in their ability to succeed are the key components of the lecture. Creating a vision board can be a powerful way of tapping into your deepest desires, visualizing your dreams, and bringing them to the forefront of your consciousness. This program is organized under HETE VIEW Student Chapter.



Guest Lecture on IT Trends & Career Development on 16<sup>th</sup> Sep 2017

VOLUME : 3

# VINEWS

A News Letter of VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN

ISSUE : 2

July- Dec 2017

## 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.

## EDITORIAL BOARD

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SVIRO-2K17, the 7<sup>th</sup> Annual Academic Event of the Department of CSE- CHAMPIONS OF SOFTWARE ENGINEERING was celebrated on 12<sup>th</sup> & 13<sup>th</sup> December 2017. Dr. Y. Lakshmi Prabha, Assoc. Prof. graced the event as Chief Guest. The Department organized many technical and extracurricular events. This event provided platform for all students to shape their flair and to excel in all domains.



A Workshop on Bootstrap was organized by the Dept. of CSE for HETech students in association with Brain-O-Vision from 21/07/2017 to 23/07/2017.



### From the Principal's Desk:

It gives me immense pleasure to see the flowering of the nascent issue of the news-letter of 2017. It reflected the rhythm of this institution in terms of academic value system and the exploration perspectives of the faculty and students. With Best wishes!

Dr. J.Sudhakar

### Message by Academic Director:

It has been a year of performance and progress in all aspects of campus life. I am in happy mood to welcome all these trending waves of progress. My heartfelt congrats to the team!

Prof. A. Sesha Rao



A One Week FDP organised by Dept. of CSE on Deep Learning using Python in association with Smart Bridge from 13/11/2017 to 19/11/2017



A Three Day Inter-Departmental workshop on “AP Cloud MEAN Stack and Cloud Developer” was organized by Department of Computer Science Engineering and Information Technology in Association with AP Cloud Team, Miracle Software Systems, Inc on 27<sup>th</sup> – 29<sup>th</sup> November 2017.

A one week Inter-Departmental Faculty Development Programme (FDP) on “Deep Learning Using Python” was organized by Department of Computer Science Engineering and Information Technology on 13<sup>th</sup> – 18<sup>th</sup> November 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  
Kapu Jaggarajupeta, Visakhapatnam-530 049.



## PUBLICATIONS-FACULTY

### DEPARTMENT OF CSE

- Ms. D. Chandrika, Asst. Prof & Mrs. D.Kamal Kumari, Asst. Prof published a paper on **A Novel Cryptographic loom via multi international languages in *Frontieras: Journal of Social, Technological and Environmental Science of Volume 06, August 2017.***
- Mr. K.Vijaya Kumar, Assoc. Prof. published a paper on **Proactive QoS Routing for Data Reliability and Discriminated Services in Ad-Hoc Networks in *International Journal of Advanced Technology and Innovative Research of Volume 09, August 2017.***
- Mr. S. Ram Prasad Reddy published a paper on **Personalized Anonymization for Patient Privacy in a Mobile Health World in *Journal of Advanced Research in Dynamical and Control Systems of Volume 9, October 2017.***

### DEPARTMENT OF ECE

- **Mrs. T. Sandhya Kumari**, published a paper on “**MRI-PET Image fusion using tuned coefficients**”, International Journal of Pure and Applied Mathematics, ISSN:1311-8080 Volume 114 No.10, August-2017
- **Mr. P. Sudhakar**, published a paper on “**Adaptive Residual Unscented Particle Filter in Target Tracking**”, International Journal of Engineering Technology, ISSN :0747-9964Volume 6,Issue 2, July- 2017.
- **Dr. J. Sudhakar, Y.Alekhyia**, published a paper on “**Design Analysis of SRAM Cell with Improved Noise Margin based on Aspect Ratio Adjustments**”, Helix, The Scientific Explorer, Helix Vol. 8(1): 2645- 2650, December-2017.
- **Mrs. T. Sandhya Kumari**, published a paper on “**Enhanced Image Fusion using Quaternion Wavelet Transform**”, International Journal of Scientific Engineering and Technology Research, ISSN: 2319-8885, Volume No.06, Issue No.31, October-2017.

### DEPARTMENT OF EEE

- Mr.K.DurgaSyam Prasad, Asst.Professor-“**Stability Improvement for HVDC Light Transmission with Non Linear Control Method.**” Vol.12, Sp-12, 2017.
- Mrs. Akanksha Mishra, Assoc.Prof-“**Severity Based Contingency Management Approach: An Indian Scenario.**” Journal of Engineering Science and Technology, Vol.12, No 7, ISSN: 1833-1844, 2017.
- Mr.K.DurgaSyam Prasad, Asst.Professor-“**Voltage Multiplier Module for Renewable Energy System with High Step -Up and High Efficiency Converter.**”ESTIJ,ISSN:2250-3498, Vol 7, July-August 2017.
- Mrs. Akanksha Mishra, Assoc.Prof-“**A line utilization contingency distribution index based secured operation of power system.**” Australian Journal of Electrical and Electronics Engineering, <http://doi.org/10.1080/1448837X.2017.1389606>, September 2017.

### FDPS/WORKSHOPS/CONFERENCES: FACULTY

- **Dr. J. Sudhakar** attended a workshop on “**IUCEE-IIIECP**”, organized by AP State Skill Development Corporation, from July 2017.
- **Mr. K. Rajendra Prasad** attended a workshop on “**Learning Management Systems and Ed-Tech Tools**”, organized by Jawaharlal Nehru Technological University, Kakinada, from 22/12/2017 to 23/12/2017.
- **Dr. J. Sudhakar** attended a workshop on “**Various Best practices and outcome based Education**”, organized by KLE University, Hubballi, on 17/11/2017
- **Dr. J. Sudhakar** attended a workshop on “**VLSI And Embedded System Design**” organized by Indian Institute of Technology Bhubaneswar , Odisha, from 13/10/2017 to 15/10/2017.
- **Dr.Ch. Ramesh Babu** attended a workshop on “**VLSI And Embedded System Design**” organized by Indian Institute of Technology Bhubaneswar , Odisha, from 13/10/2017 to 15/10/2017.
- **Mr. P.Sudhakar**, published a paper on “**Adaptive Residual Unscented Particle Filter in Target Tracking**”, in Research on Smart Technologies in Data Science and Communications Advanced Science and Technology Letters, Vol.147 PP.305-311, November, 2017.
- **Dr.J.Sudhakar, Y. Alekhyia**, published a paper on “**An SRAM Design with improved cell stability based on aspect ratio adjustments**”, International conference on Advanced communication systems, October, 2017.

## PUBLICATIONS-FACULTY

### DEPARTMENT OF CSE

- The Dept. of CSE organized a **One Week Faculty Development Programme on Deep Learning using Python** in association with **Smart Bridge** from 13/11/2017 to 19/11/2017.
- Mr.L.Bhupati Rao, Asst. Prof. & Mr. A.N Suresh, Asst. Prof. attended **A Two Day FDP on Amazon Web Services (AWS)** organized by **APSSDC** at **Danikula Engineering college, Vijayawada** from 12/10/2017 to 13/10/2017.
- Mrs.M.MamathaLaxmi, Asst. Prof. attended a FDP on **Data Analytics with R** at **DIET, Anakapalle** from 30/10/2017 to 04/11/2017.

### DEPARTMENT OF BS&H

- Dr. K. Chaitanya acted as a **FDP Resource Person** in AICTE sponsored Faculty Development Program Cum Workshop on **New Frontiers in Multi-scale Modeling of Advanced Materials** at **Narasaropeta Engineering College, Guntur 22<sup>nd</sup> – 23<sup>rd</sup> November, 2017**
- Dr.K.P.Suhasini presented a paper on **Synthesis & study of photo physical properties of novel chromoano pyrimidines** at **Natioanl conference on “Green Tehnologies for transformationad austatalnalbe development Andhra Pradesh Science Congress (APSC-2017), Andhra University , Visakhapanam 7<sup>th</sup>- 9<sup>th</sup> November2017.**
- Dr. Chandra Sekhar Beera presented a paper on **Structural and magnetic studies on Mn-doped Ni-Zn ferrite Nanoparticles**.at **Andhra Pradesh Science Congress Andhra University , Visakhapanam 7<sup>th</sup>- 9<sup>th</sup> November 2017.**
- Dr. K.P. Suhasini presented a paper on **Effective drug delivery tools in Cancer treatment : Carbon Nano Tubes (CNTs)** at **International Conference on “Recent Innovations in Engineering Materials (RIEM)” Dept. of Engineering Chemistry, SRKR Engineering College, Bhimavaram 31<sup>st</sup> August, 2017**
- Mr.S. K.Chaitanya Ch presented a paper on **Integrating WhatsApp in English Language Teaching to improve accuracy and authenticity in English language learning among undergraduate learners** at **National Conference on Emerging Themes and Trends in Learning of English in Schools (ELT)** at **Regional Institute of Education , Mysore 4<sup>th</sup>-6<sup>th</sup> Dec 2017**
- Dr. Chandra Sekhar Beera participated in the **International work shop on Advanced Materials and Applications** **GITAM University, Visakhapatnam. 13<sup>th</sup>- 14 October 2017**

### DEPARTMENT OF EEE

- Mr.M.Suresh, Asst Prof, Mr.G.Ravi Kumar, Asst Prof, Mr.P.V.Sarath, Asst Prof and Mr.K.Vamsi, Asst Prof attended FDP on “**Power Electronics Applications for Renewable Energy and Electric Vehicle.**” at **MVGR, Vizianagaram** from 08.12.2017 to 09.12.2017.
- Mr.K.Avinash, Asst Prof, Mr.A.Venkatesh, Asst Prof and Mr.Ch.Anil Kumar attended FDP on “**Facto-2K17**” at **Sairam College of Engineering** from 2.08.2017 to 4.08.2017.
- Dr. G.V. Nagesh Kumar, Prof, Mr.K.Chiranjeevi, Asst Prof and Mr.A.Chandriah, Asst Prof attended “**The intensive workshop on data sciences.**” at **VIIT, Visakhapatnam** from 30.11.2017 to 1.12.2017.

### DEPARTMENT OF ME

Mr. S. V. S. Prasad and Mrs. K. Vahini had attended one week Faculty development program on **Instructional Design and Delivery Systems** organized by **Vignan's Institute of Engineering For Women** from November 13 - 18, 2017.

A. V. Pradeep had attended eleven days Faculty development program on the **Contemporary Advances in Materials & Manufacturing Engineering** organized by **Department of Mechanical engineering, UCEK(A), JNTU Kakinada** from October 30- November 10, 2017.