VEGA
The Newsletter...

VIGNAN'S
INSTITUTE OF ENGINEERING FOR WOMEN
ISO 9001 : 2015, ISO 14001 : 2015, OHSAS 18001 : 2007 CERTIFIED INSTITUTION
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Department of Computer Science & Engineering

Volume - 4, Issue - 1 | **January - March 2018**

SUCCESS

The pass percentage of 2014 batch IV B.Tech I Sem is **90.64** & 2015 batch III B.Tech I Sem is **91.3**

ACADEMIC DIRECTOR'S MESSAGE
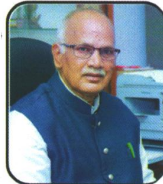
The Department has progressed much in its journey. The newsletter reflects those positive vibes in its coverage of news and achievements of faculty and students. Hearty Congratulations.

-Prof. A. Sesha Rao

PRINCIPAL'S MESSAGE

It is indeed great pleasure to see the full splendor of the department in this news letter through several activities and academic accomplishments. Kudos to the team behind this great effort!

-Dr. J. Sudhakar

HEAD OF THE DEPARTMENT MESSAGE

With great pleasure, I am really elated to tell that the primary focus of the department is to empower our students with overall development. We, the Team – CSE are working to nurture the students with multi-dimensional skill sets and to focus on Outcome Based Education by innovative pedagogy, Industry-Academic interaction and doing projects etc. I wish this New Year would give great success ahead.
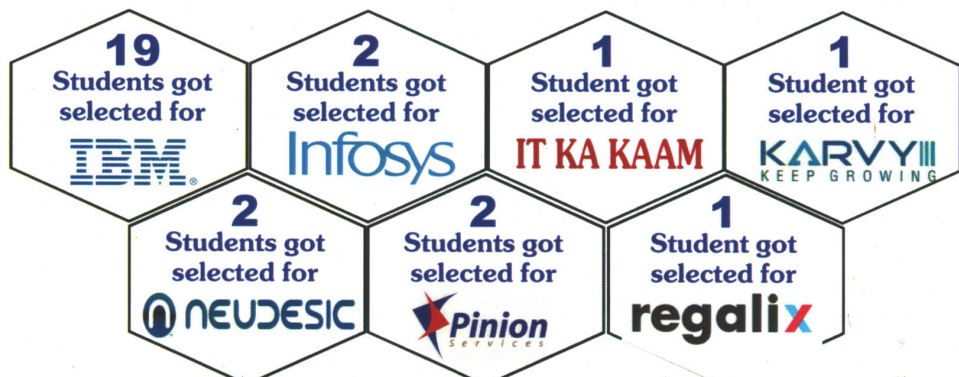
- Dr. K. Vijaya Kumar

VISION:

To evolve into a center of excellence and to empower women in emerging areas of Computer Science and Engineering

MISSION:

► To train students to analyze, design, develop and test software applications.

► To impart technical expertise in sustaining the needs of the IT industry.

► To foster research activities and entrepreneurial skills in emerging technologies.

► To inculcate lifelong learning skills and social consciousness inline with technological advancement.

Placement news of IV- B.Tech from January to March 2018

19 Students got selected for **IBM**

2 Students got selected for **Infosys**

1 Student got selected for **IT KA KAAM**

1 Student got selected for **KARVY KEEP GROWING**

2 Students got selected for **NEUDESIC**

2 Students got selected for **Pinion Services**

**1** Student got selected for **regalix**

Department Splash

Workshops and Conferences attended by Faculty

☞ Mr. S. Ram Prasad Reddy, Assoc. Prof. participated in **IIEECP** workshop organized by **IUCEE** in association with **APSSDC,** in **January 2018.**

☞ Dr K Vijaya Kumar, Assoc. Prof. & Head, participated in **Fifth International Conference on Transformations in Engineering Education** at *Thiagaraja College of Engineering, Madurai* from **08/01/2018** to **09/01/2018.**

☞ Mrs. N. Sowjanya Kumari, Asst. Prof. participated in **11th International Conference on Survey of Naïve base algorithm** at *Osmania University center for International program, Osmania university campus, Hyderabad* on **11/03/2018.**

Paper Publications by Faculty

☞ Ms. Rita Roy, Asst. Prof. & Mr. D. Rajendra Dev, Asst. Prof. published a paper on **Foreseeing client conduct through sessions utilizing the web log mining** in *International journal for research in applied science and engineering technology of Volume 06, February 2018*.

☞ Mr. S. Ram Prasad Reddy, Assoc. Prof. published a paper on *A Novel Approach for Personalized Privacy Preserving Data Publishing with Multiple Sensitive Attributes* in *International Journal of Engineering & Technology* of *Volume 07, February 2018*.

☞ Mr. R.Ravi, Asst. Prof. published a paper on **A survey on identity based proxy oriented records uploading than isolated information consistency difficulty in community cloud** in *International Journal of Merging Technology and Advanced Research in Computing* of *Volume 06, March 2018*.

SAMSKRITHI CLUB
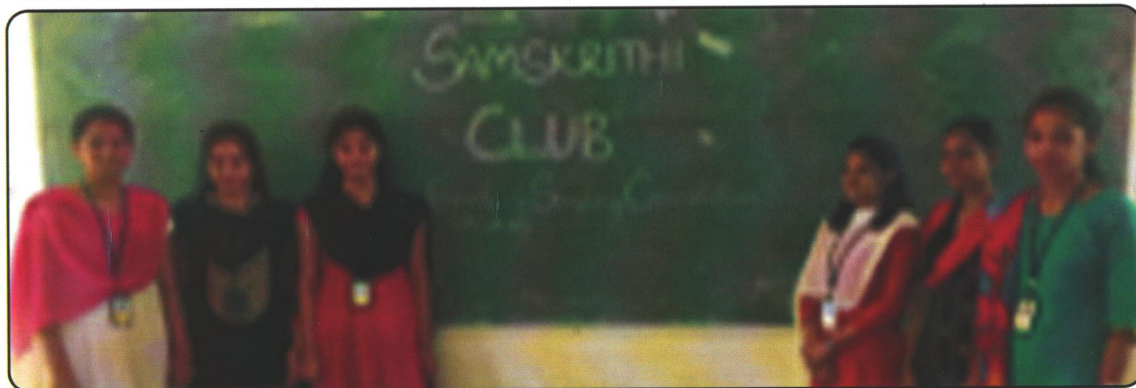
As a part of **Samskrithi Club, Science Quiz and Singing Competitions** were organized by **Dept. of CSE on 23/02/2018.**

Student Splash

Workshops , Seminars and certification courses attended by Students

✓ Ahamed Unnisa (16NM1A0501), Ch. Alekya (16NM1A0526), G. Lakshmi Tulasi (16NM1A0546), K. Amrutha Sarvani (16NM1A0557), K.Chaturya (16NM1A0560), K.S.L.Prasanna (16NM1A0562), K.Bhavana (16NM1A0563), K.Sai Siri Sowjanya (16NM1A0564) attended workshop on **Artificial Intelligence** at *JNTUK, Kakinada* from **17/02/2018** to **18/02/2018**.

✓ A.Sowmya sri (16NM1A0505) attended workshop on **Inter-Collegiative 4g/5g LTE** at *VIEW* from **11/02/2018** to **12/02/2018**.

✓ R.Sathvika (16NM1A05H3) attended **AP-CII PARTNERSHIP SUMMIT-2018** at *Visakhapatnam* on **24/02/2018**.

✓ Jogavajjhula Poornima (17NM1A0563) attended workshop on **Blockchain** at *Rajam* from **02/01/2018** to **04/01/ 2018.**

✓ K.Sri Harsha (16NM1A05G0) attended workshop on **Ethical Hacking and Cyber Security at** *JNTU Vizianagaram,* from **05/03/2018** to **06/03/2018.**

✓ Nukala Sruthi (17NM1A05B5) attended workshop on **Robokart** at VIEW from **21/02/2018** to **22/02/2018.**

✓ Kakkala JogaSandhya (17NM1A0567) completed **NPTEL** online certification course on **Problem solving through programming in C** from **21/01/2018** to **20/04/2018.**

Achievements & Sports by Students

✓ Kalaga Sahitya (17NM1A0568), Nagireddy Swarupa (17NM1A05A7), Natti Poornima (17NM1A05B4) attended **Seminar of Mr. Naagineedu, Actor of Telugu Film Industry on his real life experences** at *VIIT* on **12/02/2018.**

✓ G. Prashipta (16NM1A05E8) won **One Gold Medal & One Bronze Medal in AP State level roller skating** in **Srikakulam Dist.**

✓ A.V.K.Pravallika (17NM1A0501), Behara Anusha (17NM1A0517), Boddeda Utteja (17NM1A0521) participated in **Rangoli** competition held at *VIEW* from **06/01/2018** to **07/01/2018.**

✓ Maripalli Balamaheswari (16NM1A0580) participated in **FlashMob** held at *VIIT* from **06/01/2018** to **07/01/2018.**

✓ Sri Rekha Anne (17NM1A0509), Chilakapalli Sai Likhita (17NM1A0529) participated in **Running** and **Badminton** at *VIIT* from **15/02/2018** to **17/02/2018.**

✓ Gavva Rani (17NM1A0550) participated in **Athletics - Running (400M)** at *VIIT* on **01/03/2018.**

✓ V.V.Lakshmi (17NM1A05H3) participated in **Badminton** at *VIIT from* **06/01/2018** to **07/01/2018.**

✓ E. Pravallika (15NM1A05D0), L. Anuradha (15NM1A0563), P. Bhavya (17NM1A05D0) won **first prize** in **Throw Ball** in **National Youth Festival** , held at **VIIT, (Yuvtarang)** in **January 2018.**

✓ S. Tulasi (15NM1A05D4), K. Kavaya (15NM1A0509), D. Kamalaeswari (15NM1A0522) won **first prizein Kho-Kho** in **National Youth Festival,** held at **VIIT, (Yuvtarang)** in **January 2018.**

✓ G. Devi (16NM1A0545) won **First Prize** in **Tenni-Koit** in **National Youth Festival,** held at **VIIT, (Yuvtarang)** in **January 2018.**

✓ G. Mounika (16NM1A0543) won **First Prize** in **Chess** in **National Youth Festival,** held at **VIIT, (Yuvtarang)** in **January 2018.**

✓ B.Hyndavi (16NM1A05D0), B.Jhansi Lakshmi (16NM1A05D5) participated in **Rangoli** competition held at *VIEW* on **06/01/2018**.

Academic toppers as on March 2018

Ch.Mounika
15NM5A0503 (IV-I)
90%

G. Bhavani
14NM1A05D1 (IV-I)
84.5%

A.Divya
15NM1A0503 (III-I)
85.55%

A.Sirisha
15NM1A0508 (III-I)
85.55%

MEMORABLE MOMENTS

VELOMA-2K18

VELOMA-2K18

Techno Splash

Knocker

A new technology named "Knocker," which identifies objects and executes actions just by knocking on them with a smartphone. Software powered by machine learning of sounds, vibrations, and other reactions will follow the users' directions.

What separates Knocker from existing technology is the sensor fusion of sound and motion. Previously, object identification used either computer vision technology with cameras or hardware such as RFID (Radio Frequency Identification) tags. These solutions all have their limitations. For computer vision technology, users need to take pictures of every item. Even worse, the technology will not work well in poor lighting situations. Using hardware leads to additional costs and labor burdens.

Knocker, on the other hand, can identify objects even in dark environments only with a smartphone, without requiring any specialized hardware or using a camera. Knocker utilizes the smartphone's built-in sensors such as a microphone, an accelerometer, and a gyroscope to capture a unique set of responses generated when a smartphone is knocked against an object. Machine learning is used to analyze these responses and classify and identify objects.

- Mr. R. Ravi , Asst. Prof.