VEGA
The Newsletter...

VIGNAN'S
INSTITUTE OF ENGINEERING FOR WOMEN
ISO 9001 : 2015, ISO 14001 : 2015, OHSAS 18001 : 2007 CERTIFIED INSTITUTION
Kapujaggarajupeta, VSEZ Post, Visakhapatnam-49.
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Department of
Computer Science & Engineering

Volume - 6, Issue - 1   **January - March 2020**

SUCCESS

The pass percentage of 2016 batch in IV B.Tech I Sem is **93.65,** 2017 batch in III B.Tech I Sem is **91.33** & 2018 batch in II B.Tech I Sem is **82.72**
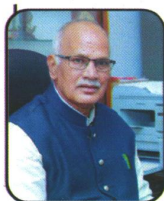
ACADEMIC DIRECTOR'S MESSAGE

The New Year brought with it a fresh wave of hope and a lot a responsibility backed up by past achievements. We have to look forward for a solid academic performance and all round development of the institution. With Best Wishes.

-Prof. A. Sesha Rao

PRINCIPAL'S MESSAGE

Dear All! We have entered into the New Year with a lot of hope for the future. Last year we had a spectacular year in terms of university results and robust placements. Apart from activities of technical associations, the college level Tech Fest has been an added attraction this year. Hope this year too we shall scale newer heights of glory in all fields. Congratulations to the editorial team for bringing the best to light.

- Dr. B. Prakash

HEAD OF THE DEPARTMENT MESSAGE

I wish a very happy, healthy, peaceful and prosperous New Year. Hearty welcome to the new wave of hopes and aspirations to make a better tomorrow! We are continuously committed to offer quality academic life, spread a vibrant culture of innovation and create great personalities to the society.

- 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.

HEARTY CONGRATULATIONS

Mrs. P. VIJAYA BHARATI, Assoc. Professor was awarded **Ph.D.** for her thesis entitled *Ensuring Data Storage Security in Cloud Computing using Cryptographic Mechanisms* on **4th February 2020.** She did her research under the guidance of **Prof. T. SitaMahalakshmi**, Department of Computer Science & Engineering, GITAM Institute of Technology, GITAM (Deemed to be University), Visakhapatnam.

Placement News from January to March 2020
19 students from IV B.Tech are
selected for **DXE TECHNOLOGIES** on 24/02/2020.

Department Splash

Dr. P. Vijaya Bharati, Assoc. Prof was awarded **Vishisht Seva Puraskar** Award for her successful completion of 10 years service in Vignan.

Workshops organized by the Department

- A Two Day National Level Stundet Technical Fest **TECHRITZ -2020**, was held at VIEW from 06/03/2020 to 07/03/2020.
- A Three day National Level Workshop on **Google Android Developer Fundamental phase-1** was organized by the Dept. of CSE in association with *APSSDC* from **05/03/2020** to **07/03/2020.** Resource persons were **Mr.B.V.Shiva Prasad, Mr.Lokesh.U & Mr.M.Gopi.**
- A Two day National Level workshop on **Machine Learning Using Python** was organized by the Dept. of CSE in association with *ROBOSOL and AAKAR IIT, BOMBAY* & IEI from **06/03/2020** to **07/03/2020.** Resource person was **Mr. Rishikesh.**
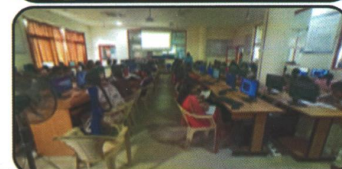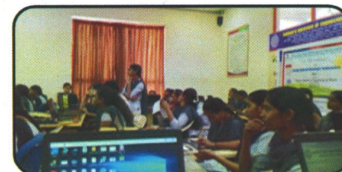
  A Two day National Level workshop on **Progressive Webapps** was organized by the
- Dept. of CSE in association with *APSSDC* from **06/03/2020** to **07/03/2020.** Resource persons were **Mr. Sai Ram, Mr. Swamy & Mr. Surya.**

Faculty Development Programme

The faculty from Dept. of CSE attended **A One-Day Faculty Development Programme** on **Tier-II NBA Accreditation** Awareness organized by the Dept. of ECE at *VIEW* on **03/03/2020.** **Dr.Shaik Rafi Ahamed,** Prof., IIT, Gauhati graced the event as Resource Person.

AKSHAYA FOUNDATION

"We make a living by what we get, but we make a life by what we give." Students of Dept. of CSE not only excel in technical, co-curricular and extra-curricular activities but also undertake social responsibility by regularly contributing funds towards **Akshaya Foundation** to help the needy.

The face of social responsibility..........

- The Dept. of CSE in association with Akshaya Foundation extended their helping hands towards social service by visiting **Aaradhana Children Home** and **Manasu Orphanages, Visakhapatnam** on **13/03/2020 & 14/03/2020** respectively and provided daily provisions and essential items to the orphans.

Faculty publications - Scopus Indexed

S. No	Faculty Name	Publication Title	Title of Journal	Month & Year	Volume/ Issue/ISSN
1	Mr.R. Ravi, Mrs.GubbalaSandhya	Apache Hadoop for processing image files using sequence file	TEST Engineering & Management	Jan-Feb 2020	Volume 82 0193-4120
2	Mrs.GubbalaSandhya	Application achievement of K-means algorithm among Apache spark and map reduce	TEST Engineering & Management	Jan-Feb 2020	Volume 82 0193-4120
3	Prof. A. SeshaRao, Mr. ImandiRaju	Malicious E-Mail Detection using Artificial Neural Networks	TEST Engineering & Management	March 2020	Volume:83 0193-4120
4	Dr.K.Vijaya Kumar	An Unsupervised Deep Learning Methods for Fabricating Text Mining Analysis based on Topic Modeling and Document Clustering Techniques	International Journal on Emerging Technologies	Feb 2019	Volume 10 0975-8364
5	Dr.K.Vijaya Kumar	Transformation in the Teaching-Learning Process of Engineering Education	TEST, Engineering and Management	Feb 2020	Volume 82, 0193 -4120
6	Dr.K.Vijaya Kumar	A Classification Model using improved Hybrid Genetic Particle Swarm Optimization Algorithm based on Separability-Correlation Measure	TEST, Engineering and Management	Feb 2020	Volume 82, 0193 – 4120

Students Splash

Conference attended by Students

K. Sahitya (17NM1A0568), N. SaiSandhya (17NM1A05B3), NupurDas (17NM1A05B6) participated in a conference on **MLH local hack day** at *VIIT*, *Visakhapatnam* on **03/01/2020**.

Certification courses by Students

- Vasupilli Harini(18NM5A0520) completed online NPTEL certification courses on **Java Programming, Artificial Intelligence, Computer Net works** from **10/01/2020** to **24/04/2020** & from **13/01/2020** to **27/04/2020**.

- Bailapudu Yamuna (18NM5A0502), Kunchala Vennela (17NM1A0590), NukalaSruthii (17NM1A05B5) completed online NPTEL certification course on **Introduction to Artificial Intelligence** from **27/01/2020** to **22/05/2020.**

- Allavarapu Hemalatha (18NM5A0502) completed online NPTEL certification courses on **Introduction to Cloud Computing & Introduction to IOT** from **24/01/2020** to **22/05/2020** & **27/01/2020** to **22/05/2020**.

- K.Sri Harsha (16NM1A05G0) completed online **COURSERA Google Fundamental Support** on **09/01/2020.**

- Kalla Divya (17NM1A0571), Kallepalli Vijaya Varshini (17NM1A0573) completed online NPTEL certification courses on **Artificial intelligence** & **Data Structures and algorithms using python** from **13/01/2020** to **27/04/2020** & from **27/01/2020** to **20/3/2020** .

- Kallada Yamuna (17NM1A0572) completed online NPTEL certification courses on **Artificial Intelligence: Knowledge Representation And Reasoning & Introduction to Machine Learning** from **January 2020** to **April 2020.**

- Kammili Tanuja (17NM1A0574) completed Alison certification course on **Web Development** & **Data Science** from **01/01/2020** to **20/04/2020** .

- Kommi Charishma Chowdary (17NM1A0585), Kommineni Sri Vallika (17NM1A0586), A.V.K.Pravallika (17NM1A0501) completed online NPTEL certification course on **Data Science with Python** from **24/01/2020** to **27/04/2020.**

- Madhavarapu Venkata Sai Pravallika (17NM1A0598), Palli Vasanthi (17NM1A05B9) completed online NPTEL certification courses on **Data camp - python**, **python** & **Data science for beginners** from **02/01/2020** to **27/04/2020** & from **24/01/2020** to **28/04/2020.**

- M.Deborah Zenifer (17NM1A0599), Kodi Mounika (18NM1A0568) completed online NPTEL certification course on **Java Programming** from **24/01/2020** to **28/04/2020.**

- M.Sai Bhavana (17NM1A05A1), M. Rajyalakshmi Charanmai (17NM1A05A6) completed online NPTEL certification course on **Introduction to Machine Learning** from **27/01/2020** to **30/04/2020.**

- Joba Kumari (17NM1A0562) completed **online Internshala Trainings on- Android App Development Training** from **01/02/2020** to **14/03/2020.**

Workshop attended by Students

- Kshatriya Dimpul Singh (18NM1A0579), Kundrapu Dharani Sai Keerthi (18NM1A0580), Kusanam Manasa (18NM1A0582) attended workshop on **Introduction to Computer Vision and CNN'S** at *IIT, Madras* from **03/01/2020** to **04/01/2020.**

Fests attended by Students

- Anusha Rayapureddy (17NM1A05D8) attended **FELICIT**, at *IIIT Hyd* from **08/02/2020** to **9/02/2020** .

- Neelikoti Siva Sai Priyanka (18NM5A0512), Nagireddy Swarupa (17NM1A05A7), NallabatiAnusha (17NM1A05A8), Sanapathi Bhagya sri (17NM1A05E6), Yeshaswini Bheemarasetti (17NM1A05H7) attended **Yuvtarang** at *VIIT*, *Visakhapatnam* from **11/01/2020** to**12/01/2020** .

GOOGLE HASH CODE 2020

A Team Programming Competition is to crack an Engineering puzzle and problem. It is intended to enthrall, challenge and test coders around the world.

VIGNAN WOMEN's INNOVATIVE HUB, a technological initiative of the Department of CSE, exclusively for all the Students of CSE, organized **Google's Team-based Programming Competition, Hash Code in** association with **Google Developers Group** at *VIEW CSE Laboratories* on **21/02/2020.**
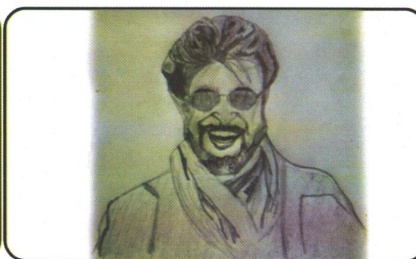

ACADEMIC TOPPERS AS ON MARCH 2020

A. SOUNDARYA
16NM1A0503 (IV-I)

G.K.K.SOWMYA
16NM1A0537 (IV-I)

B.J.LAKSHMI
16NM1A05D5 (IV-I)

GALI TEJASWINI
17NM1A0546 (III-I)

AGATHAMUDI MANASA
17NM1A0504 (III-I)

BODDA AKHILA
17NM1A0520 (III-I)

K. KUSUMANJALI
18NM1A0561 (II-I)

NEELAPU YESASRI
18NM1A05A6 (II-I)

B. K. SANDHYA RANI
18NM1A0519 (II-I)

KOTTANA VARSHINI
18NM1A0578 (II-I)

THIRUMAREDDI TANUJA
18NM1A05F7 (II-I)

Techno Splash

Artificial Intelligence at the edge (AI@Edge):

The last decade has seen an explosion of machine learning (ML) in our daily interactions with the cloud. The availability of massive crowd-sourced labeled data, the increase in computer power efficiency at lower cost, and the advances of ML algorithms, lay the foundation of this disruption. As techniques improve and become robust enough to automate many activities, there is an increased demand for using ML in new ways that are more pervasive than the initial cloud use cases. Combined with ubiquitous connectivity such as 5G, and intelligent sensors such as the Internet of Things (IoT), ML applications will rapidly move to the "edge", the physical world close to us all. In the upcoming years, we expect to see the widespread deployment of ML in areas that will have a far greater impact on our daily lives, such as assisted driving, industrial automation, surveillance, and natural language processing.
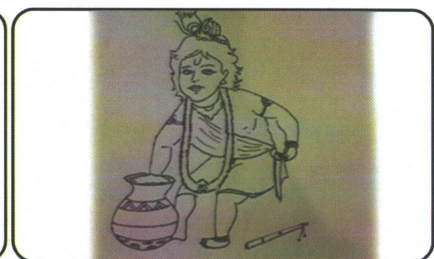
- **Dr. P. VijayaBharati,**
Associate Professor

Art Splash
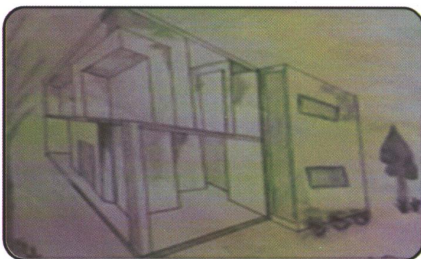
K.Reshma Chowdary

T. Pushpa Harika

Sahithi