

# AROHAN



ITERATION 01

NOVEMBER 2019

## Department of Computer Science & Engineering

### From HOD's Desk ...

Computing is changing the way we think and work, and places a significant role not only in solving various kinds of technology and technical challenges but also in satisfying societal needs such as healthcare. Consequently great advances have taken place in the field of Computer Science and Engineering putting together the knowledge of the scientific and technological basis of computing the concepts of hardware and software as well as those of communication technologies. The Department of Computer Science and Engineering endeavors to contribute these advances through teaching and research in this field. The latest newsletter aims to provide general information to all concerned about the activities of the Department.


**Dr. G.K. Venkata Narasimha Reddy,**  
**HOD / CSE**



### From Editorial Desk...

We have always believed in the saying "Everyone has a purpose". It's all about bringing that to life by providing the right kind of energy to set the dreams off. This iteration is to kindle your inner spirit by bringing out the uniqueness in oneself. It is about educating people, making them know what is happening in the tech world. The possibilities that technology presents over the coming years are tremendous. Going by the indicators we saw very recently there are great things in the offering. With technology being a part of our everyday life, it is really essential to be familiar with what's new and what's not so new about it. We think there is a profound and enduring beauty in simplicity, clarity and we always wanted to deliver complex information in a much simpler way because true simplicity is derived from so much more than just the absence of clutter and ornamentation, it's about bringing order to complexity. Looking at the advances in technology all of this makes us feel the technology world is increasingly moving towards a paradigm that aims to serve what you want, where you want, when you want and even how you want- and there's no stopping it. It's really a good time to be a Geek.

**-Editorial Team.**



*The err is  
human, but to  
really foul things  
up you need a  
computer*

*-Paul  
R.Ehrlitch*

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### VISION

To become a premier department of learning in Computer Science and Engineering that empowers its students to be self-motivated, ethical, responsible, and competent Professionals.

### MISSION

- Continually improve the teaching-learning and associated processes to enable the students gain sound knowledge of the theoretical concepts of Computer Science and Engineering as well as its applications.
- Provide comprehensive learning experiences that educate and motivate the students to acquire excellent technical skills, strong ethical values, life-long learning abilities and social consciousness.
- Strengthen industry institute interactions to enable the students work on realistic problems and expose them to practical issues in the industry.

### PROGRAMME EDUCATIONAL OBJECTIVES

1. Lead a successful professional career in IT / ITES industry / Government organizations with ethical values.
2. Become competent and responsible computer science professional with good communication skills and leadership qualities to respond and contribute significantly for the benefit of society at large.
3. Engage in life-long learning, acquiring new and relevant professional competencies / higher academic qualifications.

### PROGRAMME SPECIFIC OUTCOMES

1. Design, implement, and test application software systems for desktop, web, and mobile platforms to meet the specified requirements.
2. Use effectively and efficiently the functionality of systems software for building applications.
3. Understand the organization and architecture of Computer Systems, Embedded Systems, and Networked Systems.

### STUDENT ACHIEVEMENTS

- **Mr.C.Sai Charan Singh** of IV CSE student has **successfully completed** course on “**Machine Learning**” an online course authorized by standford university and offered through coursera.
- **Ms.D.Siri** of III CSE student has participated in the **NSS Pre Republic Day Parade Camp** held at **Hemachandracharya North Gujarat University, Patan** from **5-11-2019** to **14-11-2019**.

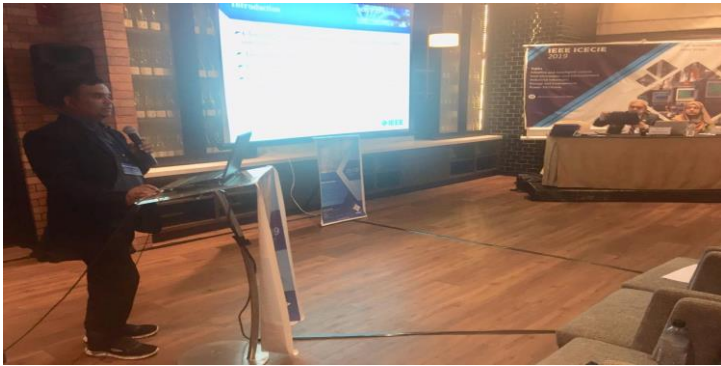


**Ms.Siri Performance in NSS PreRepublic Day Camp at Gujarat University**

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### FACULTY ACHIEVEMENTS

- **Dr.T.Hitendra Sarma** has successfully completed course on “**Machine Learning with Python**” an online course authorized by standford university and offered through **coursera** on **22-11-2019**.
- **Dr.T.Hitendra Sarma** has participated and presented a paper on “**A Prototype based hybrid Approach to speed-up kernel FCM-K**” in IEEE ICECIE 2019 International Conference on Electrical,control and Instrumentation Engineering held at hotel stripes,Kuala Lumpur,Malaysia during **25-12-2019** and it will be indexed in **scopus** and web of science.



Presenting paper on **A Prototype based hybrid Approach to speed-up kernel FCM-K.**



Received certificate from **IEEE ICECIE 2019 international conference .**

- **Dr.T.Hitendra Sarma** has successfully completed the ‘**NRDMS-DST Orientation Program on Geospatial Technologies for Decision Makers’(Theme-Urban Planning)**’ conducted from **28-11-2019 to 30-11-2019** by **Indian Institute of Space Science and Technology,Thiruvananthapuramu** and supported

by **Natural Resources Data Management System-Department of Science and Technology,Government of India,New Delhi.**



**Indian Institute of Space Science and Technology(IIST),Trivendrum.**

- **Dr.G.K.V.Narasimha Reddy** published a International Journal of Innovative Technology and Exploring Engineering(**IJITEE**) on “**Powering the Next Billion Devices with Iot Security**” on **November 2019(ISSN:2278-3075)**.
- **Ms.Hema Latha Karamala**, Assistant Professor has participated the AICTE Sponcered short Term Training Program on “**Machine Learning and Its applications**” conducted during **18-11-2019 to 23-11-2019** at **Anurag Group of Institutions,Hyderabad.**



- **Mr.R.Sandeep Kumar**, Assistant Professor has participated in the AICTE Training and Learning (ATAL) Academy FDP on “**Data Sciences**” from **21-11-2019 to 25-11-2019**,at **IITDM Kurnool.**
- **Mr.B.Sreedhar**, Assistant Professor has participated in the AICTE Training and Learning (ATAL) Academy FDP on “**Data Sciences**” from **21-11-2019 to 25-11-2019**,at **IITDM Kurnool.**

- **Mr.T. Muralikrishna**, Assistant Professor has participated in the AICTE Training and Learning (ATAL) Academy Programme on “Artificial Intelligence” Organized by Department of CSE ,IITDM, Kurnool,Jagannathagattu,Kurnool from 28-11-2019 to 02-12-2019.



Participated Artificial Intelligence at IITDM,Kurnool.

- **Mr.K.Varun Kumar Reddy**, Assistant Professor has participated in the AICTE Training and Learning (ATAL) Academy Programme on “Artificial Intelligence” Organized by Department of CSE ,IITDM, Kurnool,Jagannathagattu,Kurnool from 28-11-2019 to 02-12-2019.



Received certificated from director of IIT Prof. Dr.VLN Somayajulu.

- **Ms.Hema Latha Karamala**, Assistant Professor has received NPTEL Online certificate(**Elite+Silver**) for successfully completing the course on “Software

**Engineering”.**

- **Mr.P.Veera Prakash**, Assistant Professor received NPTEL Online Certificate for successfully completing the course on “**Deep Learning-Part I**” on 29-11-2019.
- **Mrs.T.Kavitha** , Assistant Professor received NPTEL Online Certificate (**Elite**) for successfully completing the course on “**Introduction to Internet of Things**”on 3-12-2019
- **Mrs.T.Kavitha**, Assistant Professor received NPTEL Online Certificate(**Elite**) for successfully completing the course on “**Cloud Computing**” on 4-12-2019.
- **Mr. K.Varun Kumar Reddy**, Assistant Professor received NPTEL Online Certificate for successfully completing the course on “**Discrete Mathamatics**” on 6-12-2019.

## EDITORIAL BOARD

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