

## Department of Computer Engineering

Academic Year 2018~2019

# “Abhiyanta” Newsletter

for

EVEN SEM

Volume – II



### About Department:

The Computer Engineering department was established in the year 2001 for providing excellent education to all students with an aim to foster creativity in Learning, research and building a knowledge base along with imparting quality education. The department possesses well qualified and motivated faculty members and support staff. The laboratories are adequately equipped with state-of-the-art facilities. The department offers add-on courses to cope with the latest trends in technology. It organizes industry visits and many series of expert lectures for the students on the latest developing trends in Computer Industry. Students of our department have won prizes in various national and international level paper presentation competition and project exhibitions. Every year a remarkable number of students place in companies such as Infosys, TCS, Accenture, Cognizant, L&T Infotech, CSC, Tech Mahindra, Mastek, TPG Axon, Artistivity etc.

### Vision:

To be an excellent centre of learning, by imparting quality teaching in the field of computer engineering and to create dynamic young engineers.

### Mission:

- To prepare students to be ready for the constantly changing scenario in the field of computer engineering.

- To inculcate in the students the ability to analyse, design and develop software projects and work in a multidisciplinary environment.
- To mould students into responsible and principled citizens who will utilize their potential for the need of society and industry.

### Program Educational Objectives (PEOs)

Students will possess:

**PEO-I:** To prepare the students with sound knowledge of computer engineering fundamentals to build a lifelong career in computer engineering domains.

**PEO-II :** To train the students to design and develop software projects for solving real world problems with the use of modern tools and techniques.

**PEO-III:** To inculcate professional ethics, leadership qualities and social awareness in the students.

### Highlights of the Department:

- Faculties actively involved in R&D, consultancy, Projects and has collaboration with several industries and institutes
- Result of BE Sem VII-100%, TE Sem V-87.5% and SE Sem III-75%
- Dr. Sunita Patil got the Certificate of Appreciation as a Convener , KJSIET's “Center of Excellence in Robotic Process Automation, artificial Intelligence & Machine learning”

- Mrs. Kavita Bathe and Mrs. Mrunali Desai got the Certificate of Appreciation for Excellent and Informative session on “END to END Application Development in IOT” in FDP on 2/7/2018 and also selected as a reviewer for the 3rd Biennial International Conference on Nascent Technologies in Engineering organised by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai
- Mrs. Sarita Ambadekar and Mrs. Chitra Bhole Register a Patent on “A System for Diagnosing a Skin-Ailment” on 30th July 2018
- Mrs. Shubhada Labde, Mrs. Nisha Vanjari and Mrs. Snehal Shinde, published a patent with titled “Method and System for providing instructions of operating an electronic machine in a preferred language”
- Ameya Noolkar, work as an intern on the Project O2O of CERN at the TIFR, Mumbai. The **Project O2O** stands for "**Online-to-Offline**"
- Mrs. Shyamal Virnodkar and Mrs. Mrunali Desai has conducted a lecture on “Web and Mobile Application” from 08<sup>th</sup> and 09<sup>th</sup> Jan 2018 at Shah and Anchor Kutchhi Engg. College
- Mrs. Jyoti Wadmare has honoured with NPTEL Award for her instrumental role as a SPOC for the duration of July- December 2018
- Kartik Chavada, Juhi Gori, Nayan Bhatiya, Dharmen Chothani, Harshal Patil from SE and TE computer won 1st Prize, 75000/- in Smart India Hackathon 2019 in Software category with our faculty Mrs. Mrunali Desai
- Final year students (2 groups) are working with UIPATH Robonomic and got the placement as well and TE students are doing certification course as well.

#### Remarkable Milestones:

- Supriya Bhide, Amey Noolkar, Hemang Bhanushali has selected for final round in "Touch the Jovian Moon Contest" organized as part of the Pearl Jubilee Celebrations of Liquid Propulsion System Centre (LPSC)
- Smart India Hackathon 2019 winner Software category, Winner 1st Prize, 75000/-

**Team Name - RANDOM-6**

**Team members Names – Kartik Chavada, Juhi Gori, Nayan Bhatiya, Dharmen Chothani, Harshal Patil**

**Mentor – Mrunali Desai (Asst. Professor, Computer Department)**

**Bhavin Goswami (Software Expert)**

**Ministry/Organization – Mahindra and Mahindra FarmEQ**

**Problem Statement - Parking Spot Indicator In Vicinity Using Crowd Sourcing In Android Application**



### Smart India Hackathon 2019 Description –

Smart India Hackathon 2019 is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. In SIH 2019, the students would also have the opportunity to work on challenges faced within the private sector organizations and create world class solutions for some of the top companies in the world, thus helping the Private sector hire the best minds from across the nation.

### Shivam Shukla Won third prize for Hack-a-thon challenge organized by Internshala Trainings



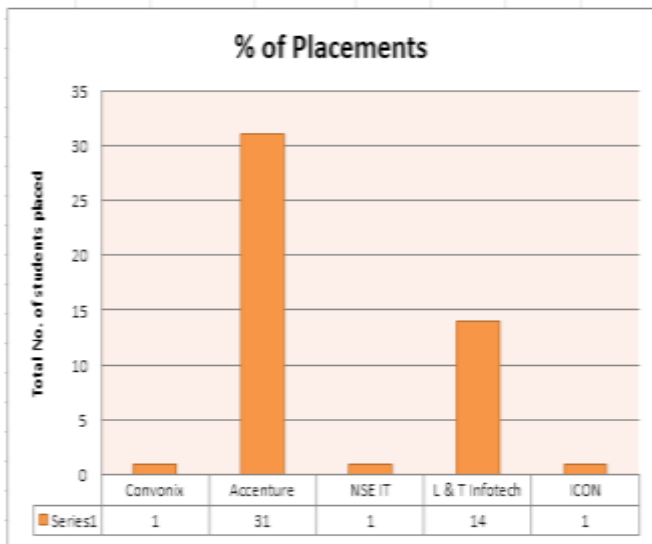
### Amey Noolkar has awarded with two Somaiya Vidhyavihar Awards

- K J Somaiya Award for Student of the Year Higher Education.
- K J Somaiya Award for Outstanding Boy Student Higher and Technical Education.



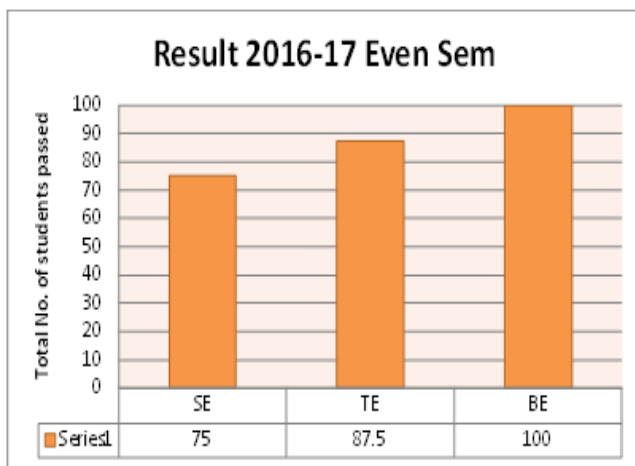


Percentage of student placement in various companies:



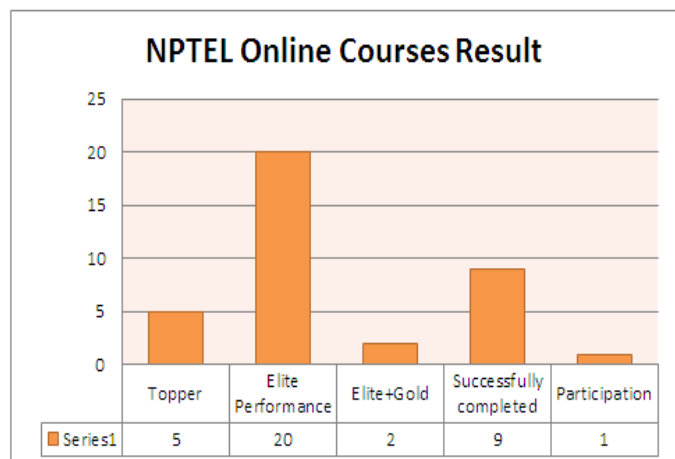
% of student placement in various companies

Result 2018-19 Odd Sem:



Percentage of students passed

Result of NPTEL Online certification courses:



Percentage of students passed



We have two professional bodies:

Institute of Engineering and Technology (IET)



Computer Society of India (CSI)



Faculty Achievements:

Courses in associate with IEEE Educational Activities Board/Other online courses:

Following faculties have completed short term courses:

- Mrs. Nisha Vanjari



Papers published by faculties and students in International Journal/Conference:

- International Conference on Advances in Science and Technology
- International Journal on Recent and Innovation Trends in Computing and Communication
- International Journal of Trend in Research and Development
- International Conference on Recent Trends in Engineering, Science and Technology

### Project sponsored by companies:

- IITB - Tooling for SPAN (Synergistic Program ANalysis)
- TIFR - Trigger Algorithm Development on  $\mu$ TCA based FPGA
- KJSMC - Automated detection of micro-organisms of Tinea
- UIPath and Robonomic AI - Knowledge Acquisition Bot
- UIPath and Robonomic AI - Bot for Automated Aggregation of Internet Content
- Posat Foundation – NGO – Divyang Aadhar – Cognitive Assistance

### Industrial Visit –

Forensic Science Laboratories, Kalina, Santacruz(East), Mumbai- 400098 with TE and BE Computer students



### PhD pursuing faculties:

- Mrs. Sarita Ambadekar
- Mrs. Shyamal Virnodkar
- Mrs. Jyoti Wadmare

### Editorial Desk

We are delighted to present the edition of the Departmental newsletter, Volume II for the month of January – Jun 2019. We hope, this Newsletter encourage you to conquer more in your field.

Newsletter Head - Mrs. Nisha Vanjari

Student Co-ordinator - Prarthana Patil