

## Department of Computer Engineering

### Academic Year 2019-2020

# “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 the finest centre of learning by imparting quality teaching in the field of computer engineering.

#### Mission:

- To inculcate in student the ability to analyze, design and develop software projects.
- To prepare students to be ready for ever changing scenario in the field of Computer Engineering.
- To help the students to attain and utilize their potential for successful carrier and to the need of society and industry.

#### Program Educational Objectives (PEOs)

Students will possess:

PEO I - Sound knowledge of mathematics, science and engineering fundamentals required for a lifelong career in computer engineering domains.

PEO II - Skill to design and develop software projects for solving real world problems with the use of modern tools and techniques.

PEO III - Professional ethics, leadership qualities and social awareness in the students.

#### Highlights of the Department:

- **Dr Sunita Patil** received Minor Research Grant, UoM for 2019-20, Proposal evaluation & presentation evaluation & scrutiny pane I member - Feb 2020
- **Dr Sunita Patil** appointed as Board of Studies Member, Computer Engineering, UoM, Syllabus Revision Guiding member for Computer Engineering Revised 2019-20, scheme 'C'- March 2020

- **Dr Sunita Patil** as Convenor, 1 week Faculty development Program on DevOps
- **Ms. Sarita Ambadekar** Received Minor Research Grant of Rs. 10,000/- for project work from University of Mumbai
- **Ms. Sarita Ambadekar's** paper selected in Springer - AISC series & will published in July 2020
- **TE Computer students** develop “App – HELP FLARE” to deal with ongoing challenges during COVID-19, April 23, 2020
- **Ms Sarita Ambadekar and Ms Jignasha Dalal** has organized TCS Technical Week for four days dated from 04/02/2020 to 07/02/2020 with different speakers from TCS
- **Ms.Nisha Vanjari and Ms. Shubhada Labde** received Best Paper Award with third prize in International Conference ICCTAW 2020
- **Ms.Nisha Vanjari and Ms. Shubhada Labde** received Best Session Paper Award in International Conference ICCTAW 2020

#### Remarkable Milestones:

1. **Somaiya Vidyavihar students** develop “App – HELP FLARE” to deal with ongoing challenges during COVID-19, April 23, 2020

One of the many challenges that they face is the identification of the location that needs help and what specific kind of essentials are required. To solve this problem, students of K J Somaiya Institute of Engineering and Information Technology, (KJSIET) Sion, Mumbai developed “App – HELP FLARE” under the guidance of faculty members. Help Flare is an app that brings attention to the affected people and also provides data on the essentials needed to groups working to help them.

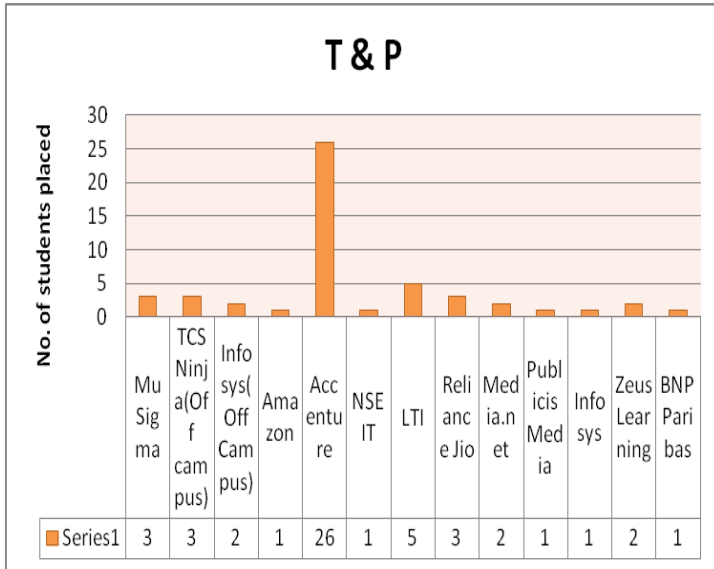


Students said “We are so glad that we could apply the academic skills that we learnt in our classroom to create something that can help the current situation. Most individuals want to help in some way or the other, here anyone who wants to help can see the affected areas on the map and provide help.”

2. **TE Computer students Nayan Bhatia (Leader), Juhi Gori, , Kartik Chawda, Dharmin Chothani, Keval Dave and Jatin Valecha(Mentor from Mastek)** won the 1st prize of Rs. 1 Lakh, Project -Deep Blue Competition Season-5 organized by Mastek, Feb 2020

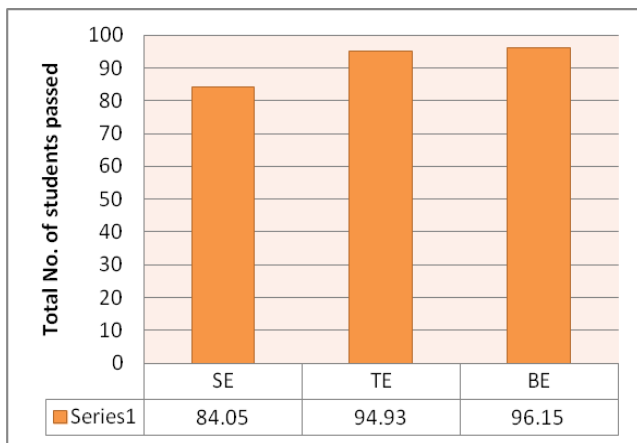


**Percentage of student placement in various companies:**



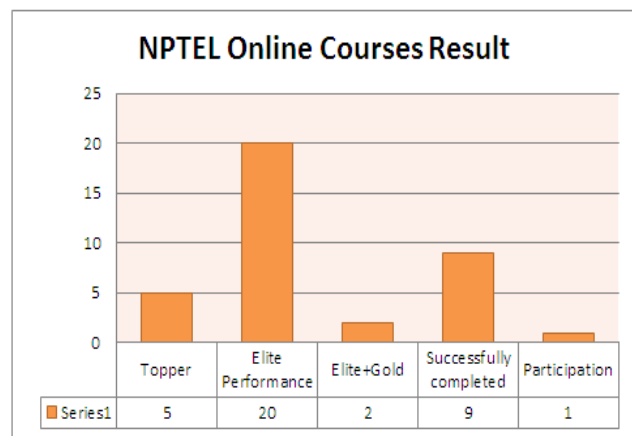
**% of student placement in various companies**

**Result 2019-20 odd Sem:**



**Percentage of students passed**

**Result of NPTEL Online certification courses:**



**Percentage of students passed**

**We have two professional bodies:**



**Faculty Achievements:**

**Courses in associate NPTEL/Other online courses:**

All faculties have completed short term courses.



### Student Achievements:

#### KJSIET Campus Hackathon 2020

Following teams of students are selected as one of the top finalists in the Campus Hackathon Organized by KJSIET.

The team has been invited for the Smart India Hackathon 2020

#### Team 1 Members:

1. Burhanuddin Moiz Udaipurwala
2. Idrees Yousuf Dargahwala
3. Shivam Navin Bhanushali
4. Manan Shah
5. Shweta Saravanan Nadar
6. Janvi Vipul Patel



#### Team 2 Members:

1. Harshal Satish Patil
2. Nayan Sanjay Bhatia
3. Kartik Manish Chawda
4. Dharmin Rajesh Chothani
5. Juhi Yogesh Gori
6. Keval Bhavesh Dave



#### Team 3 Members:

1. Ajinkya Sheetal Desai
2. Chintan Pradip Diwakar
3. Krutik Ashok Bajriya
4. Ashutosh Chandrashekhar Gupta
5. Janhavi Nishikant Kulkarni
6. Pushpak Sunil Fegade



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

- International Conference on Computing technologies for Transforming the Automated World
- International Conference on Advances in Science and Technology

### **Project sponsored by companies:**

- IITB - Frontend for SPAN (Synergistic Program ANalyzer)
- KJS Medical College - Diabetic Retinopathy Identification
- RPA (UiPath) and Chatbot being used in ERP System for Student management
- Automated Insurance Claim Processing using RPA and AI

### **PhD pursuing faculties:**

- Mrs. Sarita Ambadekar
- Mrs. Shyamal Vidnorkar
- Mrs. Jyoti Wadmare
- Mrs. Jignasha Dalal

### **Editorial Desk**

We are delighted to present the edition of the Departmental newsletter, Volume II for the month of Jan – June 2020. We hope, this Newsletter encourage you to conquer more in your field.

**Newsletter Head - Mrs. Nisha Vanjari**

**Student Co-ordinator - Vaibhav Lakhani**

**Krishna Nagda**