



**K. J. Somaiya Institute of Engineering and Information Technology  
Sion, Mumbai - 22**

**NAAC Accredited Institute with 'A' Grade**

**NBA Accredited 3 Programs**

**(Computer Engineering, Electronics & Telecommunication Engineering & Electronics Engineering)**

**Permanently Affiliated to University of Mumbai, Best College Award by University of Mumbai, Urban region, A.Y 2018-19**

**UGC Recognized Institute under section 2(f) and 12 (B) of the UGC Act, 1956**



**Department of Computer Engineering**

**Academic Year 2021-22**

**"Abhiyanta" Newsletter**

**For**

**Even Semester, Volume – I**



### **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 analyse, 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):**

PEO 1: Sound knowledge of mathematics, science and engineering fundamentals required for a lifelong career in computer engineering domains.

PEO 2: Skill to design and develop software projects for solving real world problems with the use of modern tools and techniques.

PEO 3: Professional ethics, leadership qualities and social awareness in the students.

## Highlights of the Department

Sr. No	Faculty Name	Activity Details	Organization`	Month & Year
1	Dr. Sunita Patil	Convener, Faculty Development program “Strategies for Sustainable Quality Culture in Autonomous Colleges”	Rashtriya Uchchatar Shiksha Abhiyan (RUSA) Maharashtra	21 st Jun 2021 to 24 th Jun 2021
2	Dr. Sunita Patil	Convener, Short Term Training Program on “Being an Autonomous Institute: Roles, Responsibilities and Action Plan”	KJSIEIT	14 th May 2021 to 22 nd May 2021
3	Dr. Sunita Patil	Convener, Expert talk on “Changing Dynamics of Education post COVID-19 -Insights from Chanakya on Teaching”	KJSIEIT	4th June, 2021
4	Dr. Sunita Patil	Convener, Expert talk on “Technology-How it is going to impact Education in Future?”by Shri V.V. Lakshmi Narayana, (Former-Additional Director General Police Maharashtra State)	KJSIEIT	7 th June, 2021
5	Dr. Sunita Patil	Expert Speaker Session on “AI in Supply Chain Management and Logistics”,	Indian Navy Officers, INS Hamala, Malad,	17 th July 2021.
6	Dr. Sunita Patil	Expert Speaker Session on “Usage of Power BI tool for Indian Navy”,	MOMB, Indian Navy, INS Ghatkopar,	10 th July 2021 in Online mode
8	Ms.Shyamal Virnodi	Has reviewed 3 papers in the following MDPI journals in 2021:Electronics, Remote Sensing	MDPI journals 2021:Electronics, Remote Sensing	2021
9	Ms.Shyamal Virnodi	Completed the Innovation Ambassador training program(Foundation Level, Total 16 Sessions of 30 contact hours)	MoE's Innovation Cell AICTE	30th June - 30th July 2021

Sr. No	Faculty Name	Activity Details	Organization`	Month & Year
10	Ms.Shyamal Virnodkar Ms.Kavita Bathe	Conducted Expert/Guest lecture on Transfer Learning	Computer Department Xavier Institute of Engineering, Mahim	1st September 2021
11	Shyamal Virnodkar	Expert talk on 'Research The birth of Innovation'	Computer Engg dept at SDG	06/12/2021
12	Ms.Shyamal Virnodkar Ms.Kavita Bathe Ms.Mrunali Desai	FE Induction Event on "Software Development Cell & REDX Club"	KJSIEIT	19 <sup>th</sup> January, 2022
13	Ms.Kavita Bathe	Completed the Innovation Ambassador training program (Foundation Level, Total 16 Sessions of 30 contact hours)	MoE's Innovation Cell AICTE	30th June - 30th July 2021
14	Ms.Kavita Bathe	Conducted expert session on "Design Thinking for Web based project"	Fr. Conceicao Rodrigues College of Engineering	2nd Oct 2021
15	Kavita Bathe	Conducted Expert Session on React Js	PVPP.Sion	23/10/2021
16	Ms.Kavita Bathe Ms.Shyamal Virnodkar Ms.Mrunali Desai	Expert Session on "Java an Overview and Project Development in JAVA"	KJSIEIT, AT and DS" department	08/09/2021 and 09/09/2021
17	Ms.Aarti Sahitya	Completed Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE	MoE's Innovation Cell AICTE	30th June - 30th July 2021
18	Ms.Jignasha Dalal	Completed Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE	MoE's Innovation Cell AICTE	30th June - 30th July 2021
19	Ms.Jignasha Dalal	Conducted session on "Blockchain" at RAIT, Nerul	RAIT, Nerul	7 th July, 2021
20	Ms.Jignasha Dalal	Presented paper at IEEE Conference	Flagship Conference of Bangalore IEEE Section	9 th -11 th July 2021
21	Ms.Jignasha Dalal	Conducted Workshop on "Blockchain Technology: The Future"	Organised by Cyber Security and Research Cell-KJSIEIT	6th Oct 2021.

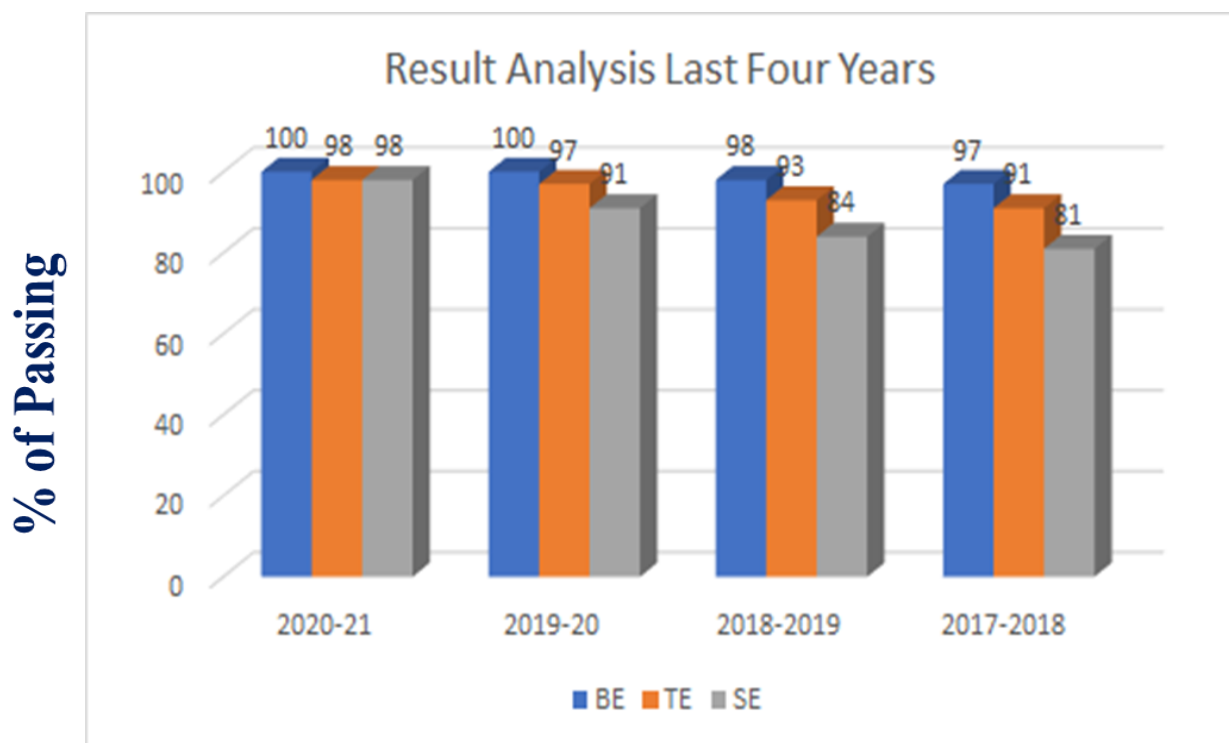
Sr. No	Faculty Name	Activity Details	Organization`	Month & Year
22	Ms.Jignasha Dalal	Coordinated a Workshop on Penetration Testing Bug Bounties”	Organised by Cyber Security and Research Cell-KJSIET	21st Sept 2021.
23	Ms.Jignasha Dalal	Judge in Hackathon	TSEC Codestorm Hackathon 21	22th, 23th, 24th and 25th of September 2021.
24	Ms. Pallavi Patil	Completed Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE	MoE's Innovation Cell AICTE	30th June - 30th July 2021
25	Ms.Minal Sonkar	Completed Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE	MoE's Innovation Cell AICTE	30th June - 30th July 2021
26	Ms.Minal Sonkar	Organized workshop on “Lean start-up and Minimum viable product/business	KJSIET in association with IIC	29th July 2021
27	Ms.Mamta Borle	Successfully completed Machine Learning:Theory and Methods course from IIT Bombay.	IIT Bombay	2021-22/Autumn

### Activities Conducted for Students

Sr.No	Title	Date	Coordinator	Resource person	No of Attendees
1	Workshop on Holistic development and role of Education	27/08/2021	Ms. Shyamal Virnodkar	Prof. Shrinidhi A. Gindhi Department of Information Technology M.H.Saboo Siddik College of Engineering	70
2	Workshop on the topic “Innovative Techniques for project Estimation Benefits”	28/08/2021	Ms.Chitra Bhole Ms.Nisha Vanjekar	Ms. Siddhi Pota Project Management Professional	75
3	Workshop on Hands-on Innovation	07/09/2021	Ms. Pradnya Patil	Prof. Vincy Joseph	70

	solution using P Systems”		Ms.Minal Sonk	Assistant Professor, Computer Engg Department  St. Francis Institute Technology Mumbai	
4	Workshop on to “Security Innovation: V application secu with OWASP Top “	15/09/2021	Ms. Kavita Bathe  Ms. Mrunali D	Mr. Harshil Majithia  Senior Technical Program Manager  Fynd	68
5	Workshop Critical Think and Communicat Skills	29/09/2021	Ms .Minal Sonkar  Ms. Pallavi Patil	Mr. Kaustubh Wagh  Personal Development Co & Motivational Speaker	68
6	Expert talk Building curricu vitae for succes career	06/08/2021	Ms.Shubhada Labde  Ms. Nisha Van	Mr. Surajit Karma Engineer III, Sams Semiconductor India R& Bengaluru	65

#### Result Statistics:



**Academic Years 2020-21**

**Placement Statistics:**

<b>Company Name</b>	<b>No. of Students Placed</b>	<b>CTC(In Lakhs)</b>
Visible Alpha	02	8.8
Publicis Sapient(non IT)	02	10
Hactify(Cybersecurity) Off campus	02	4
IDFC First Bank(non IT)	01	11.5
Cognizant Genc (off campus)	04	4
Cognizant GenC Next (off Campus)	04	6.75
Cognizant Genc Elevate(off campus)	07	4.25
Brillio(non IT)	02	4.5
Accenture	11	4.5
Synoriq	01	
Reliance Jio(non IT)	04	4
ISS	02	10
TCS	07	3.36
NeoSOFT	01	3.6
Nimap infotech	01	3.5
Cerebranium	01	4.8
Nimap Infotech	01	2.5
Total Offers		53
Total Students Placed		35

Professional bodies:

Institute of Engineering and Technology (IET)



Computer Society of India (CSI)



Technical bodies:

Innovative project development by faculty and students with Major and Minor research grant through various funding agencies.



**Software Development Cell**  
Providing Consultancy Services



**Research Innovation Incubation Design Lab (riidl)**  
Center: Offering Incubation for Start-ups in Campus



**Institution's Innovation Council (IIC)**  
under MHRD's Innovation Cell Promoting Innovation Culture



**Rethinking Engineering Design and Execution - Artificial Intelligence (REDX AI) Club:** Providing a platform to work on Real-world AI/ML Projects under Guidance of Industry Experts

Cyber Security and Research Cell

CodeChef Chapter

Programming Club

Satellite Program through New Leap Initiative

R & D Cell

COEPS Cell



**Student's Professional Bodies**



ACS  
Chemistry for Life®



**IEEE**  
Advancing Technology for Humanity

Social Awareness Drives



**Helping Hand Scheme**

**Women Development Cell**

मराठी भाषा आणि वाङ्मय मंडळ "नक्षत्र"

## Student Achievements

Sr. No	Name of Student	Achievements	Co-ordinated By (Venue/ Association with)	Month & Year
1	Adil Khatri	1st prize in Hackathon, Unscript 2022 (National Level Hackathon)	Fr. Conceicao Rodrigues college of Engineering.	22nd and 23rd Jan 2022.
2	Sakshi Agrawal Isha Patel Varas Sawant	Runners-up in Hackathon, Unscript 2022 (National Level Hackathon)	Fr. Conceicao Rodrigues college of Engineering.	22nd and 23rd Jan 2022.
3	Manasvi Sabnis	Runner up position in ECON hacks	Bangalore Hackathon	9th to 11th oct 2021
4	Mohil Khare (Comp) and team (IT)	2nd Position in VCET Hackathon Reloaded 2021 (Developed college recommendation system in the span of 30 hours)	Vidysvr dhini's College of Engineering and Technology, Vasai.	1st and 2nd Oct 2021
5	Sakshi Agrawal Jyotika singh Isha Patel	2nd Runner up prize in HackJNU	Jawaharlal Nehru University, Delhi	4th and 5th sept 2021
6	Sakshi Agrawal Varad Sawant Dhruv Parikh Jyotika Singh	3rd among 100+ teams in Devfest 2.0 Hackathon	BITS Pilani K K Birla Goa Campus, Goa	14th to-16th August 2021
7	Ayush Salunke (Comp) and team (other departments)	Secured AIR 8 in Robocon contest	Doordarshan Robocon India-Robocon	18th August 2021
8	Jay Munjapara (comp) and team (IT)	1st prize in International Hackathon	University of Limerick, Limerick, Ireland	30th August 2021

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

- International Conference on Advances in Science and Technology
- IEEE
- Springer

### Project Sponsored by Companies

Following projects getting the guidance from CTL Company

- Security Assistant
- Stock price prediction using machine learning
- A Bike Navigation Application Using Kalman Filtering For Precise Location
- Crop yield prediction and plant disease detection



## **PhD Pursuing Faculties**

- Ms. Shyamal Vidnorkar
- Ms. Jyoti Wadmare
- Ms. Chitra Bhole
- Ms. Jignasha Dalal
- Ms. Nisha Vanjari

## **Editorial Desk**

We are delighted to present the edition of the Departmental newsletter, Volume I for the month of July – December 2021. We hope, this Newsletter encourage you to conquer more in your field.

**Newsletter Head ~ Mrs. Nisha Vanjari**

**Student Co-Ordinator ~ Vaibhav Lakhani and Krisha Nagda**