

DEPARTMENT OF INFORMATION TECHNOLOGY

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Editorial Team

Dr. Radhika Kotecha, Head of Department

Ms. Seema Yadav, Assistant Professor

Vision of the Department

To be recognized as a centre of excellence in the field of Information Technology where inquisitive minds of students are fostered, leading to skilled professionals and contributing citizens.

Mission of the Department

- To produce industry-ready engineers by imparting quality education and enhancing their proficiency with strong engineering foundation and in-depth knowledge of Information Technology.
- To encourage curiosity, creativity, innovative thinking, culture of continuous learning, and multidisciplinary activities for developing state-of-the-art solutions to real-world problems.
- To serve humanity by creating socially responsible citizens with high ethical values who can communicate effectively and work independently or in groups.

Program Educational Objectives (PEOs)

- Program Graduates will be able to apply knowledge of engineering fundamentals and cutting-edge Information Technology to identify and implement innovative solutions for engineering problems and issues in society.
- Graduates will be able to exhibit their employability skills and practice the ethics of their profession with a sense of social responsibility.
- Graduates will have strong interpersonal skills and will engage in life-long learning to enhance their career positions, both as team members and leaders.Objectives (PEOs).

Program Specific Outcomes (PSOs)

- Graduates will be able to apply standard software engineering practices in real-world project development to deliver efficient, secure and novel solutions.
- Graduates will be able to apply contemporary trends in Information Technology like Internet of Things and Data Science in diverse application areas.

Departmental Activities



- ♦ Dr. Mansing Rathod, Conducted Workshop on “Innovation and Agility” Association with Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC), August 4,2023.

- Mrs. Nasim Shah, Conducted session on “Entrepreneurship as a Career Choice” in Association with Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC), August 4,2023.



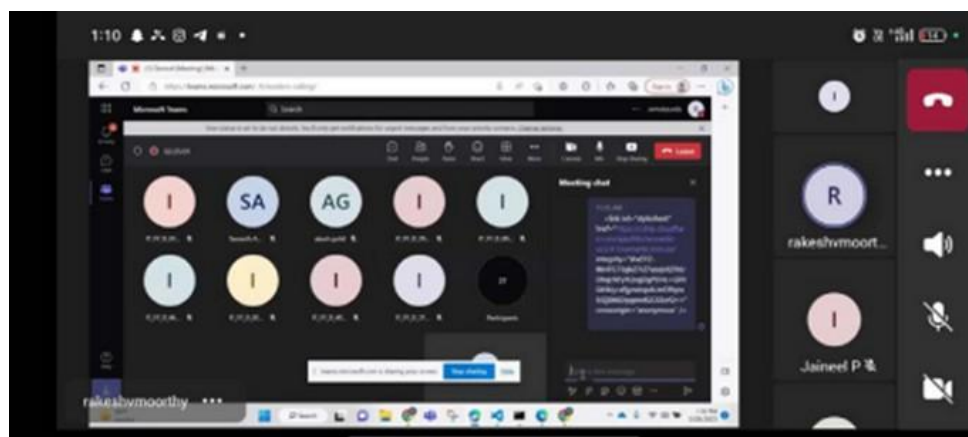
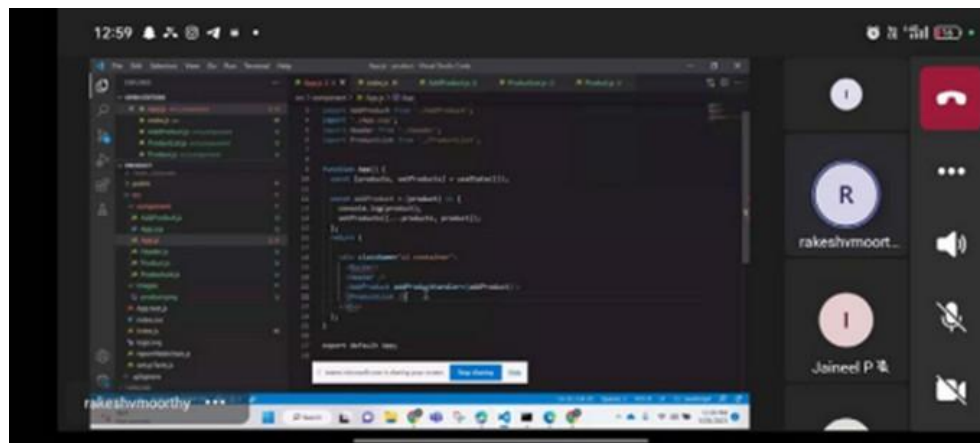
- Dr. Harsh Bhor Conducted session on “How to Plan for Start-up and Legal & Ethical Steps” Association with Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC), August 25,2023.

Departmental Activities

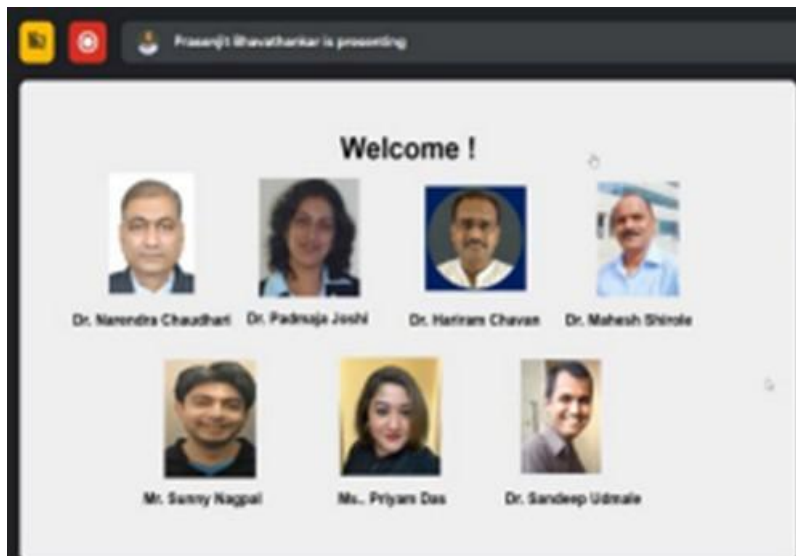


- Dr. Harsh Bhor Conducted session on “Lean Start-up & Minimum Viable Product/Business” in Association with Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC), August 25, 2023.

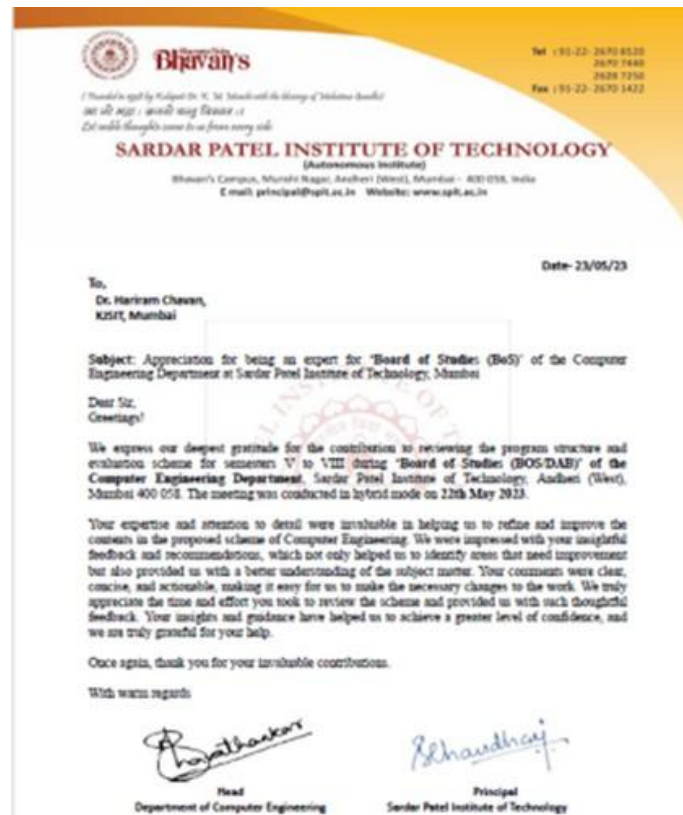
- Dr. Radhika Kotecha , Mrs Sarita Rathod and Mr. Prashant Sawant has organized a one month internship program for Second Year and Third year students of IT Department on “MERN stack” from May 27,2023 to July 03,2023.



Activities and Achievements of Faculties



- Dr. Hariram Chavan, attended the BOS meeting of SPIT (Autonomous) on 22nd May 2023.



- Dr. Hariram Chavan attended a FDP on “Cloud Computing” organized by IEEE Bombay Section in association with an Autonomous institution G. H. Rasoni College of Engineering (GHRCE) Nagpur on 22nd May to 26th May 2023.



Activities and Achievements of Faculties



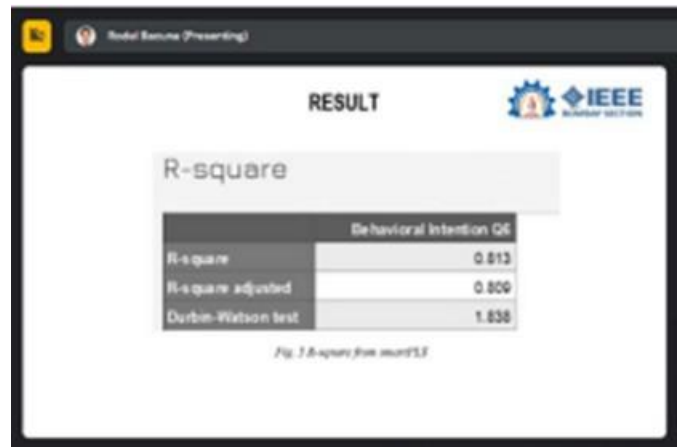
- Dr. Hariram Chavan attended 6 - week Entrepreneurship Development Program Course organized by Turnip Innovations from 15th May to 20th June 2023.

- Dr. Hariram Chavan presented paper entitled “Multimodal fusion based Adult Website Detection 2023 World Conference on Communication & Computing (WCONF) during 14th to 16th July 2023.



- Dr. Hariram Chavan presented paper entitled “A robust Approach For Brain Tumor Detection Using Transfer Learning at 5th International Conference on Inventive Research in Computing Applications (ICIRCA 2023) organized by RVS College of Engineering and Technology, Coimbatore, India on 3rd August to 5th August 2023.

Activities and Achievements of Faculties



- Dr. Hariram Chavan has worked as Session chair in IEEE Bombay Section 2023 3rd Asian Conference on Innovation in Technology (ASIANCON) during 25th - 27th August 2023.
- Collaborative Experimental Research Product “Heatwave Watch System” developed by Dr. Radhika Kotecha, Head - Department of Information Technology and Dr. Rajib Chattopadhyay, Scientist E - IMD Pune, with students (Sharvil Dandekar, Om Parab, Taksha Limbashia, Abdurrahman Chauhan, Jinay Bavishi, Manav Gupta, Srushti Patil, Varun Kanbhat) from the Department of Information Technology - under the directions of Dr. Suresh Ukarande, Principal and Dr. K. S. Hosalikar, Head & Scientist G - IMD Pune launched to predict probable heatwaves and pre-empt heat-related health emergencies across the Nation.



Activities and Achievements of Faculties

- Dr. Radhika Kotecha has been GRANTED an INDIAN PATENT by the Indian Patent Office for the work "System to Control an Apparatus using Speech Signals and Method Thereof".
- Dr. Radhika Kotecha served as a Program Committee Member and Reviewer for the International Conference on Artificial Intelligence: Theory and Applications (AITA 2023) organized by ICFAI Business School, Bangalore during August 11-12, 2023.
- Dr. Radhika Kotecha served as Reviewer for 11th IEEE Humanitarian Technology Conference organized by IEEE Gujarat Section at Marwadi University, India during October 16-18, 2023.
- Dr. Radhika Kotecha organized Training Program on "Innovation and IPR" under Institution's Innovation Council (IIC) during June 26-30, 2023
- Dr. Radhika Kotecha attended FDP on "Innovative Teaching and Learning Pedagogy" organized by Research Foundation of India from June 26 – 30, 2023.
- Dr. Radhika Kotecha served as a Program Committee Member and Reviewer for the International Conference on Power Engineering and Intelligent Systems organized by National Institute of Technology, Delhi, India during June 24-25, 2023.



Activities and Achievements of Faculties

- Principal Dr. Suresh Ukarande and Dr. Radhika Kotecha invited to visit Tata Power, Mumbai on May 22, 2023 and offered a Consultancy Project.



- Dr. Radhika Kotecha visited the India Meteorological Department (IMD), Pune with student teams for expansion of Research and Development projects on May 09, 2023.



Activities and Achievements of Faculties



- Dr. Radhika Kotecha visited the Indian Institute of Tropical Meteorology (IITM), Pune under Ministry of Earth Sciences (MoES) with student teams for expansion of Research and Development projects on May 09, 2023.

- Mr. Uday Rote has Worked as Session Chair at the 7th International Conference on Communication Control and Automation organized by PCET's Pimpri Chinchwad College of Engineering, Nigdi, Pune, India on 18th -19th August 2023.



- Dr. Vijaya Umesh Pinjarkar has participated in the training program on "Innovation and IPR " organized by IIC,KJSIT from June 26-30,2023.
- Dr. Vijaya Umesh Pinjarkar has participated in a one week capacity building programme on Cybersecurity and Forensics organized by RAIT, Nerul from June 19-24,2023

Activities and Achievements of Faculties



- Dr. Mansing Rathod, presented a paper on “Skin Cancer Classification using Machine Learning and Convolution Neural Network”, 8th International Conference on ICT FOR Sustainable Development (ICT4SD), organised and Managed by Global knowledge Research Foundation and GR Scholastic LLP, Goa, from 3-4 August,2023.

- Dr. Mansing Rathod, Participated in a one week training program on “Innovation and IPR” organized by the Institution’s Innovation Council (IIC) of K. J. Somaiya Institute of Technology (KJSIT-IIC),from June 26-30,2023.

- Dr. Mansing Rathod has reviewed the research paper for 11th IEEE Humanitarian Technology Conference organized by IEEE Gujarat Section at Marwadi University, Rajkot,India, on October 16-18,2023.



- Dr. Harsh Namdeo Bhor and Dr. Vijaya Umesh Pinjarkar published paper titled “Machine Learning Approach for Intelligent and Sustainable Smart Healthcare in Cloud-Centric IoT” in International Journal of Intelligent systems and applications in engineering Vol -11,page 38-48.

Activities and Achievements of Faculties



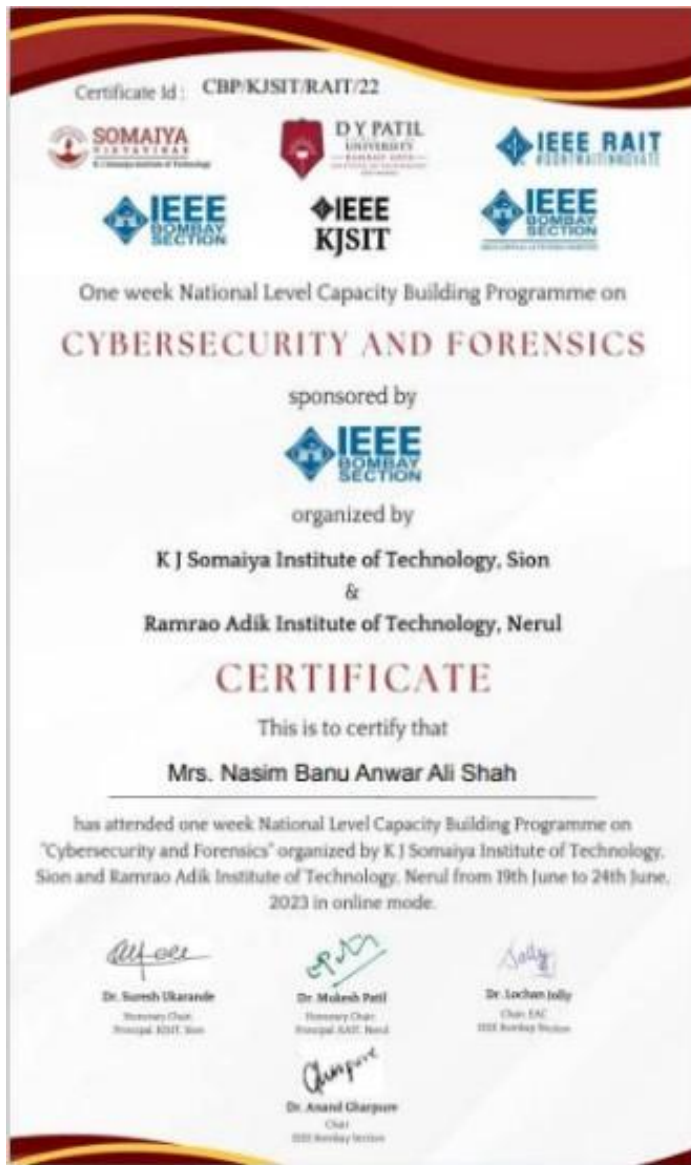
- Mrs Seema Yadav has participated in one week short term (online) training programme on 'Internet of Things (IoT): Beyond the Basics with Multidisciplinary Applications & Modern Research Trends' organized by the Department of Electronics & Computer Science, Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai on Saturdays 12th, 19th & 26th August 2023 along with Sundays 13th, 20th & 27th August 2023.

- Mrs Seema Yadav has participated in 2-Week Patent Course conducted by Turnip Innovations.



Activities and Achievements of Faculties

- Mrs. Nasim Shah One Week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by K. J. Somaiya Institute of Technology Sion, Maharashtra in collaboration with Brainovision Solution India Pvt Ltd and All India Council for Technical Education (AICTE) During the period of August 21-25,2023.



- Mrs. Nasim Shah has participated in a one week capacity building programme on Cybersecurity and Forensics organized by RAIT, Nerul from June 19,24,2023.
- Dr. Reena Lokare has participated in a one week capacity building programme on Cybersecurity and Forensics organized by RAIT, Nerul from June 19,24,2023.

Activities and Achievements of Faculties

- Mrs. Nasim Shah has participated in the training program on “Innovation and IPR ” organized by IIC,KJSIT from June 26-30,2023.
- Mrs. Nasim Shah has reviewed the paper for "An International Journal of Computer Science and Technology” organized by “Oriental Journal of Computer Science and Technology” during July 18,2023.



- Dr. Reena Lokare has reviewed a research paper for International Journal of Intelligence Networks in July 2023.

- Mrs. Sarita Rathod, presented paper on "Smart Healthcare System for Prediction of Fungal- infection, Bacterial, Air-borne, Water-borne and Hormonal Diseases using AI", 1 st International Conference on Emerging Technologies in Engineering and Science (ICETES) - 2023, DVR & Dr. HS MIC College of Technology,Kanchikacherla, Andhra Pradesh, India .
- Mrs. Sarita Rathod has participated in a one week capacity building programme on Cybersecurity and Forensics organized by RAIT, Nerul from June 19,24,2023
- Mrs. Sarita Rathod has participated in the training program on “Innovation and IPR ” organized by IIC,KJSIT from June 26-30,2023.

Achievements of Students

- Students from Department of Information Technology Abdurrahman Altaf Chauhan secured THIRD rank in the Sustainable Solution competition organized by CiiA on the occasion of World Environment Day on 5th June, 2023.

