



TANTRADNYA

May-August 2024

Volume#11, Issue#2

DEPARTMENT OF INFORMATION TECHNOLOGY

In This Newsletter

Departmental Activities

Activities and Achievements of Faculties Achievements

of Students

Internship

Editorial Team

Dr. Radhika Kotecha, Head of Department

Ms. Seema Yadav, Assistant Professor

DEPARTMENT OF INFORMATION TECHNOLOGY

Tantradnya Newsletter

May-August 2024

Departmental Activities:

- Dr. Vijaya U. Pinjarkar organized a Seminar on “Enhancing Career Readiness with Mentorship from Alumni” for IT department Final Year students on July 06, 2024.



SOMAIYA
VIDYAVIHAR
K J Somaiya Institute of Technology



Seminar on Enhancing Career Readiness with Mentorship from Alumni

Organised By
Department of Information technology

Resource Personage:



Ms. Sakina Sapatwala

13.80 lpa

IDFC First Bank



Mr. Abbas Najmi

10.56 lpa

nVent



Mr. Sachine Pal

10.56 lpa

nVent

06 July 2024 (Saturday)

10:00 AM

kjsit.somaiya.edu.in/en/

[kjsit_official](#)

[kjsitofficial](#)

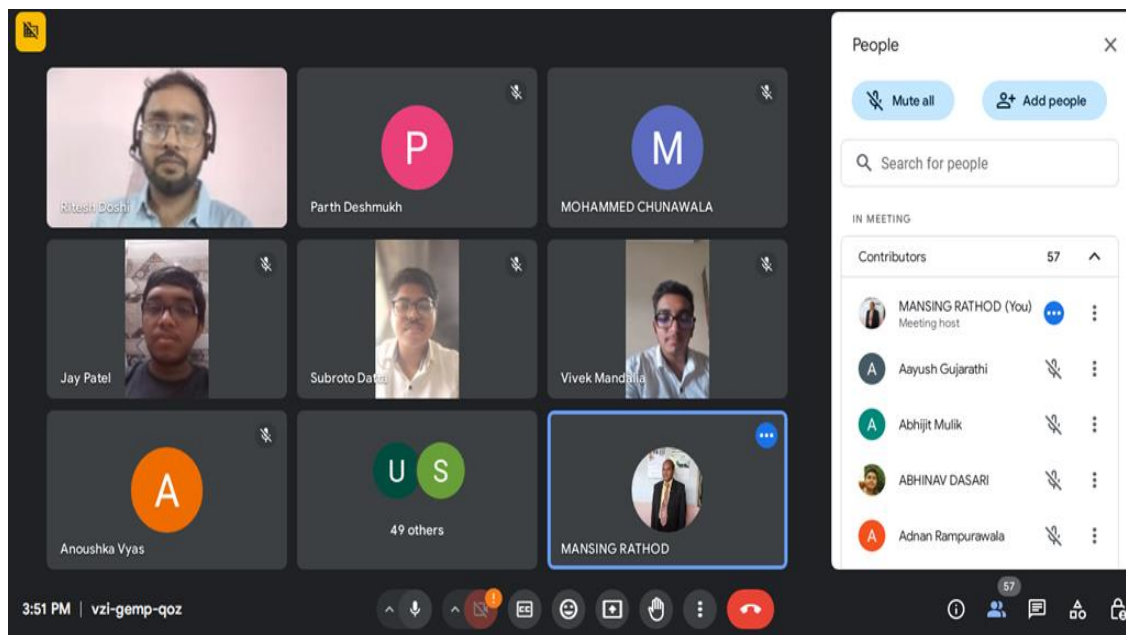
[kjsitofficial](#)

- Institution's Innovation Council (IIC)** of K. J. Somaiya Institute of Technology, Mumbai organized a **Training Program on “Strengthening Innovation and Entrepreneurship in Higher Education”** through under Mentor-Mentee Program of Ministry of Education's Innovation Cell (MIC) during June 20 – 21, 2024 for faculties of the institutes across Maharashtra.





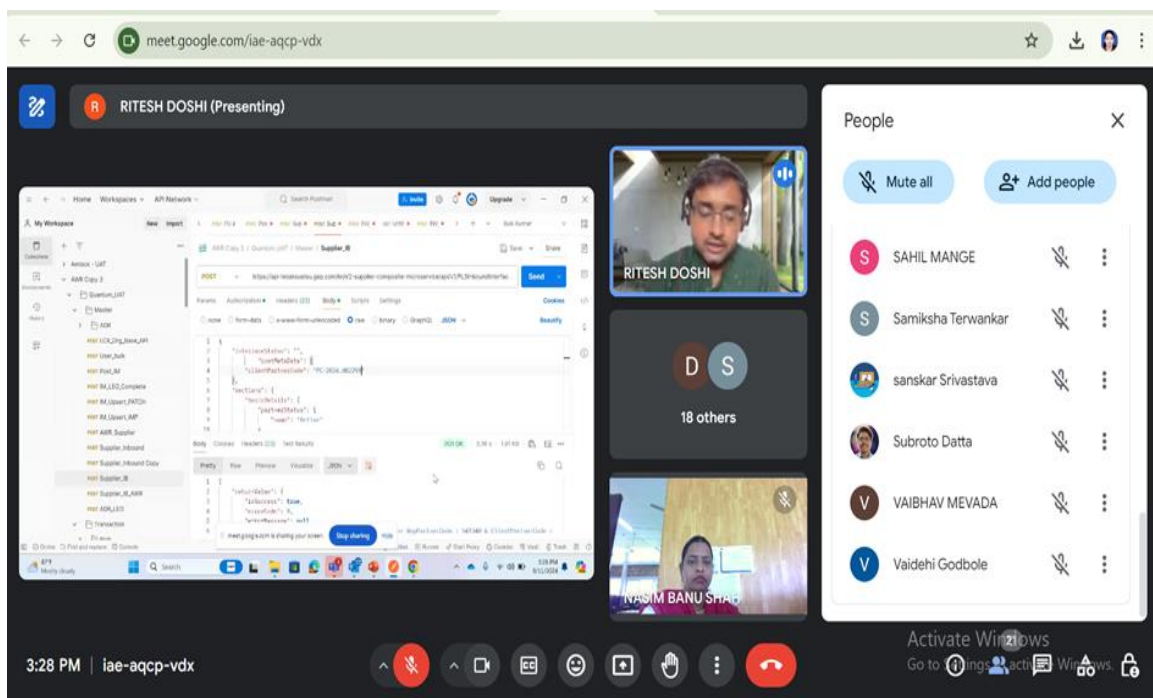
- Dr. Mansing Rathod organized a seminar on “Start-up” for IT students on August 03,2024.



- Dr. Vijaya U. Pinjarkar conducted a seminar on “Importance of Market Research in Startup Business” for students of the IT department on August 14, 2024.



- Mrs. Nasim Shah organized a webinar on Innovation under the banner of the Institution’s Innovation Council (IIC) 6.0 during August 28, 2024 for SY and TY students from the Department of Information Technology.



- Mrs. Sarita Rathod coordinated a Summer internship for SY students on Full Stack from May 31, 2024 to June 30, 2024 as a training period.
- Dr. Vijaya U. Pinjarkar organized a Seminar on “Growth strategies in start-up” for students of the IT department on August 29, 2024.



Activities of Faculties

- Dr. Mansing Rathod participated in Industry Academia Conference and Academia Award conducted by CSI Mumbai chapter on 30-31 August 2024.



- Dr. Mansing Rathod attended three day's FDP on "Indigenous Technological Development in Space and Defence Sector Emerging Field: Space and Defence" sponsored by AICTE from 8 to 10 July 2024.



SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Technology



सहभाग प्रमाणपत्र

प्रा. डॉ. मानसिंग राठोड, आयोजन समिती सदस्य यांना क जे सोमैया इंस्टीट्यूट ऑफ टेक्नॉलॉजी, मुंबई येथे ८ जुलै ते १० जुलै २०२४ दरम्यान अखिल भारतीय तंत्रशिक्षण परिषद-वाणी पुरस्कृत भारतीय भाषांच्या उन्नती साठी "आत्मनिर्भर भारत: अंतराळ आणि संरक्षण क्षेत्रातील स्वदेशी तंत्रज्ञान विकास" या विषयावरील मराठी भाषेतून आयोजित करण्यात आलेल्या तीन दिवसीय कार्यशाळेचे यशस्वी आयोजन केल्याबद्दल हे प्रमाण पत्र प्रदान करण्यात येत आहे.

प्रा. सजीव बटे
सहसमन्वयक

डॉ. उमेश शिंदे
समन्वयक

डॉ. विवेक सुन्नपवार
प्राचार्य

- Dr. Mansing Rathod attended three day's FDP on "Gen AI Integrated International Online Faculty Development Program on Cloud and DevOps" organized by Marian College Kuttikkanam (Autonomous) and Amal Jyothi College of Engineering (Autonomous) Kanjirappally in association with ipsr solutions limited and Valin - UK, USA and Canada from 23 August 2024 to 03 September 2024 and has successfully completed the assessment and secured an **A grade**.



- Dr. Mansing Rathod attended a one-week workshop on “Project Based Training in Generative Design” organized by Datta Meghe college of Engineering Navi Mumbai from 5-9 August 2024.



- Dr. Mansing Rathod attended two day's Vaani program on “Space and Defence” sponsored by AICTE from 19 to 20 September 2024 in Kannada Language.



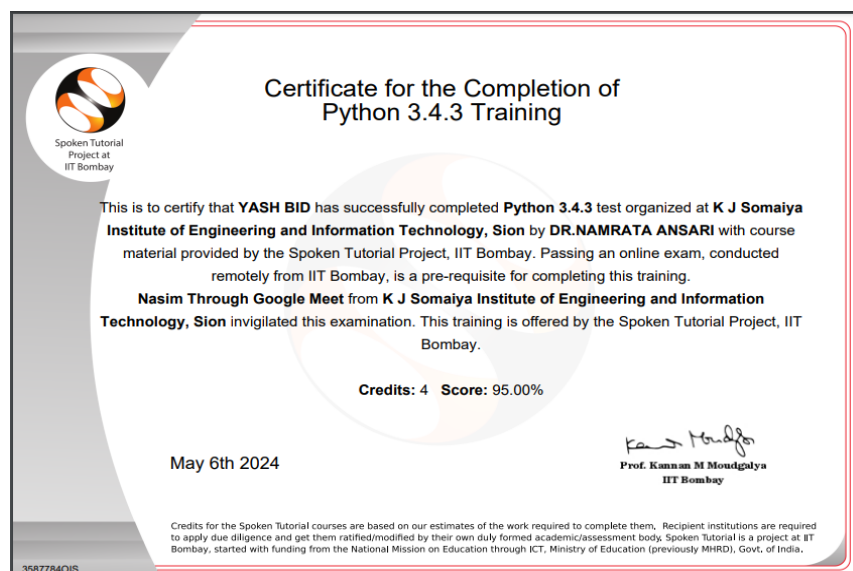
- Dr. Mansing Rathod completed an online IA training program on “Reskilling” conducted by Innovation Cell & AICTE.



- Mrs. Nasim Shah has participated as Technical Program Committee Member and Reviewer in 2nd International Conference on Artificial Intelligence: Theory and Applications (AITA 2024) organized by ICFAI Business School (IBS) Bangalore off campus center of ICFAI Foundation of Higher Education (IFHE) university, India during August 09-10 2024.



- Mrs. Nasim Shah has organized and conducted a Spoken Tutorial Test in Association with IIT Bombay on Python under the course Skill Based Learning for SY students from the Department of Information Technology.



- Mrs. Sarita Rathod attended Five-day STTP on Hands-on AI Tools: Elevate your creative research writing (The complete research writing course), June 17- 21, 2024, RITE, Bhubaneswar, Odisha and RSP science Hub.



- Mrs. Sarita Rathod attended ISTE approved STTP on GEN AI, VESIT, July 8th- 13th 2024.



- Mrs. Sudeshna Baliarsingh completed a 5-day FDP-SI UHV Online - “AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)” on June 22nd 2024.
- Mrs. Sudeshna Baliarsingh has participated in the Training Programme on “Strengthening Innovation & Entrepreneurship in Higher Education” organized by IIC on June 20-21, 2024.



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs. Sudeshna Baliarsingh completed a self-paced Living with Climate Change and Water Management course on 11 May 2024



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs. Sudeshna Baliarsingh completed a self-paced Waste Management and climate action course on 23rd July 2024.



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs. Sudeshna Baliarsingh has completed a self-paced Biocultural Diversity Conservation and climate action course on 23rd July 2024.



- Mrs. Sudeshna Baliarsingh has completed the foundation Level Innovation Ambassador (IA) Training Program of the Ministry of Education's Innovation Cell and AICTE through the Institution's Innovation Council (IIC) established at KJSIt, Mumbai.



- Mrs. Sudeshna Baliarsingh has completed the Advanced Level Innovation Ambassador (IA) Training Program of the Ministry of Education's Innovation Cell and AICTE through the Institution's Innovation Council (IIC) established at KJSIt, Mumbai.



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs. Bhagyashree Ingle completed a self-paced Living with Climate Change and Water Management course on 18 May 2024.



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs.Bhagyashree Ingle completed a self-paced self-paced Biocultural Diversity Conservation and climate course on 15 July 2024.



- As per DTE and UNICEF for Climate Action under the initiative "Youth Engagement and Stewardship for Climate Change and Water Conservation", Mrs.Bhagyashree Ingle completed a Waste Management and climate action course course on 11 May 2024.



- Ms. Reshma Rasal has participated for the one capacity building program on “Visualizing Geo-Spatiality for Techno Scientific Applications” sponsored by IEEE Bombay Section from 1st-6th July 2024 at KJSIT, Sion.



- Mrs. Reshma Rasal has successfully completed 5 days (35 hours) on “fundamental of GIS and RS (Beginner Level) from July 01-05 2024 at K.J Somaiya Institute of technology.



- Ms. Reshma Rasal has undergone Innovation Ambassador (IA) training 'Reskilling' conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year.



- Ms. Reshma Rasal has undergone Innovation Ambassador (IA) training 'Foundation Level' conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year.



- Ms. Reshma Rasal has undergone Innovation Ambassador (IA) training 'Advanced Level' conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year.



- Ms. Reshma Rasal has successfully completed NPTEL Online Certification Course “Introduction to Programming in C”, Jan-Mar2024.



- Ms. Reshma Rasal has participated in the Training Programme on “Strengthening Innovation & Entrepreneurship in Higher Education” organized by IIC on June 20-21, 2024.



Achievements of Faculties:

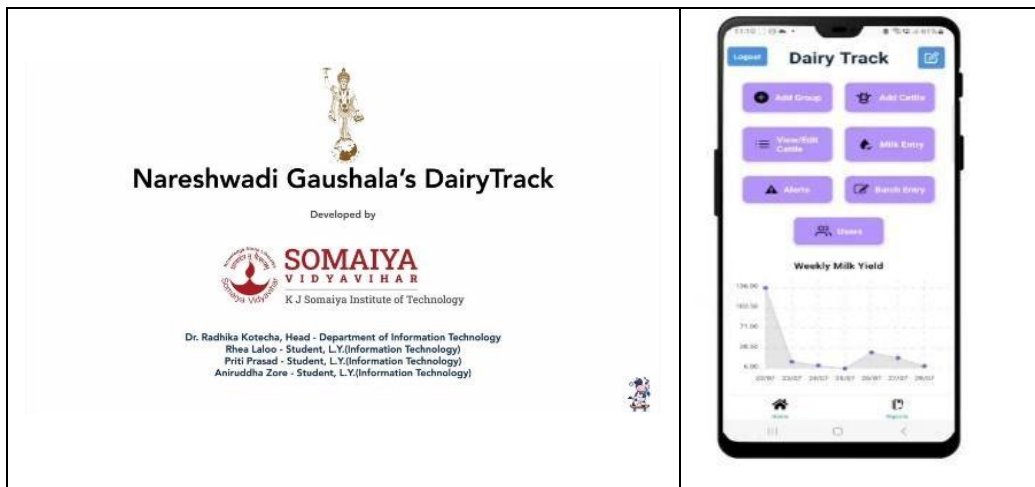
- **Dr. Radhika Kotecha, Professor and Head – Department of Information Technology** was presented the **National Award for Best Research by Young Teacher** for the Year 2023 by **Indian Society for Technical Education (ISTE)** during 53rd ISTE Annual Convention for her work in the areas of AI and Data Analytics. Alongside authoring books and research articles, holding a granted patent and software copyrights, her major focus has been on Applied Research. Mainly, 07 research and automation developments led by her have been transformed into Products—successfully used by govt. / non-profit / educational organizations, and industry over the last few years. Integrating R&D into the classroom, she has guided many UG student innovations, which are recognized at state and national levels for addressing societal issues.



- **Dr. Radhika Kotecha, Professor and Head – Department of Information Technology** was presented the Best HOD of the Year 2023-24 Award by Computer Society of India (CSI) - Mumbai Chapter.



- **Dr. Radhika Kotecha, Professor and Head – Department of Information Technology** along with students Ms. Rhea Laloo, Ms. Priti Prasad, Mr. Annirudh Zore developed the **“DairyTrack - Cattle Management System”** – a Mobile Application for Nareshwadi Gaushala.



- **Dr. Radhika Kotecha, Professor and Head – Department of Information Technology and Convener – Institution’s Innovation Council (IIC)** served as a **Mentor to 05 Institutes** under the **IIC Mentor-Mentee Program 2023-24** by MoE and AICTE:
 - a. M. H. Saboo Siddik College of Engineering, Mumbai
 - b. Anjuman-I-Islam’s School of Engineering and Technology, Navi Mumbai
 - c. D. Y. Patil College of Engineering & Technology, Kolhapur
 - d. Guru Gobind Singh Foundation’s Guru Gobind Singh Polytechnic, Nashik
 - e. Kalyani Charitable Trust’s R. G. Sapkal College of Pharmacy, Nashik





- On June 20, 2024, K. J. Somaiya Institute of Technology (KJSIT) hosted the **launch of the book “Drone Technology for Beginners – Learn | Build | Fly Drones”** published by the start-up Drone School India (DSI) and authored by Ms. Dharna Nar, Co-founder of DSI and Dr. Radhika Kotecha, Professor and Head - Department of Information Technology at KJSIT. The collaboration between academia and the start-up sector for development of this book marks a significant initiative towards technological advancement and innovation. The book was unveiled at the hands of Dr. Suresh Ukarande, Principal of K. J. Somaiya College of Engineering, and Dr. Vivek Sunnapwar, Principal of K. J. Somaiya Institute of Technology.



- Dr. Radhika Kotecha served as a 'Judge' for Anveshan: International Student Research Convention 2023-24 organized at the University of Mumbai by the Research Division of Association of Indian Universities (AIU), New Delhi from March 11-12, 2024.



- Dr. Hariram Chavan served as a member of prestigious Research Advisory Committee of DMIHER(DU) Datta Meghe Institute of Higher Education & Research (DU), Sawangi (M), Wardha on 10th July 2024.



DATTA MEGHE
INSTITUTE OF HIGHER
EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY)
LEARN. LEAD.

Ref No:-DMIHER(DU)/DOAL/2024/07/139

Date:-10/07/2024

To,
Prof. Hariram Chavan
Professor,
Dept of IT,
K.J. Somayya Institute of Engineering and Technology,
Mumbai

Subject:-Appointment as a member of prestigious Research Advisory Committee of DMIHER(DU).

Respected Sir/Madam,

As approved by Hon'ble Vice Chancellor, DMIHER(DU), you are hereby appointed as a member of the prestigious Research Advisory Committee of Datta Meghe Institute of Higher Education & Research (DU), Sawangi(M), Wardha.

Dr. Rizwan Gilani
Director
Directorate of Advanced Learning
DMIHER(DU)

- Dr. Hariram Chavan served as a panel member of the Selection Committee for the Interview of Assistant Professor in IT/CSE(IOT)/CSE-DS/AI ML/CE at SVKM's Dwarkadas J. Sanghvi College of Engineering on 5th August 2024
- Dr. Hariram Chavan served as an External Examiner for the "ME Project Evaluation at Solapur University on 16th August 2024.



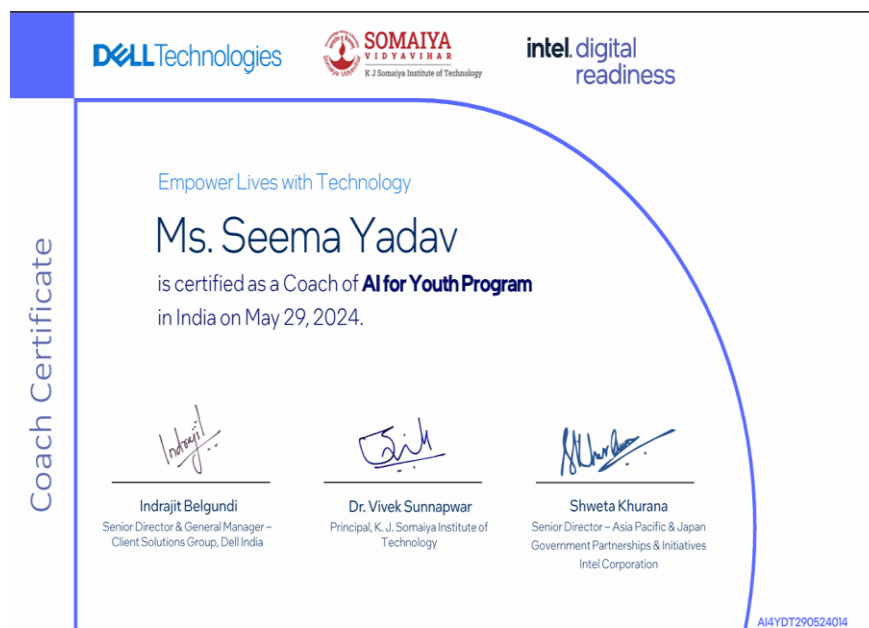
- Dr. Hariram Chavan served as an expert speaker for Offline Short Term Course in "Artificial Intelligence(Multidisciplinary)" under RUSA from July 29 to August 3, 2024 organized by UGC Madan Mohan Malaviya Teacher Training Centre(MMTTC) earlier known as Human Resource Development Centre, University of Mumbai.



- Dr. Mansing Rathod has certified as a Coach of AI for Youth Program in India on May 29,2024.



- Mrs. Seema Yadav has been certified as a Coach of AI for Youth Program in India on May 29,2024.



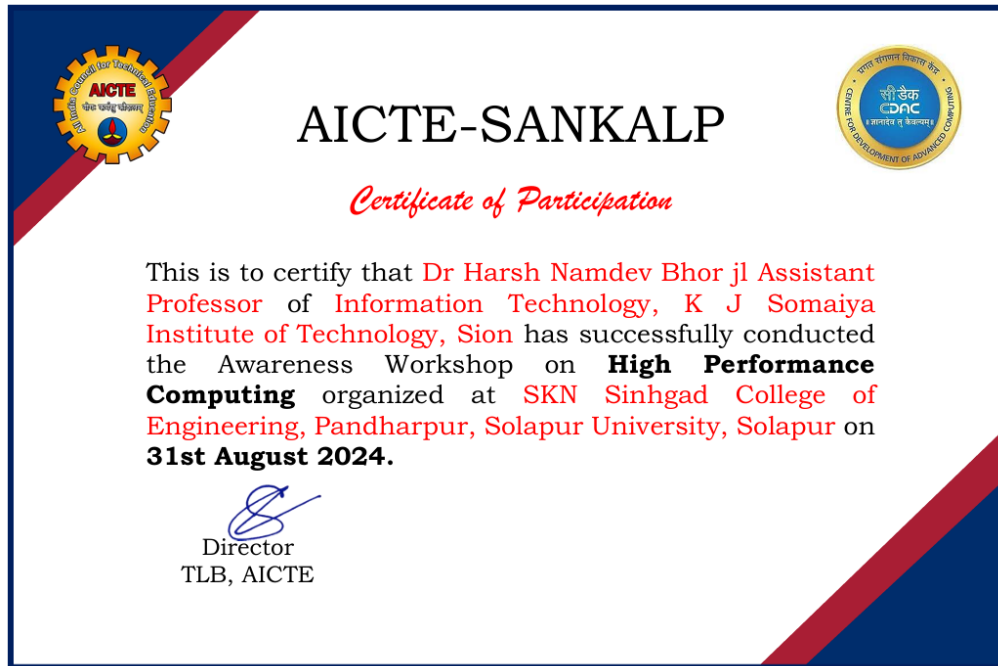
- Dr Vijaya Pinjarkar was invited as a Guest Speaker to deliver a session on the topic 'The future of blockchain technology – its opportunities and challenges' on Friday,30/08/2024 at Usha Mittal Institute of Technology, SNDT Women's University, Mumbai.



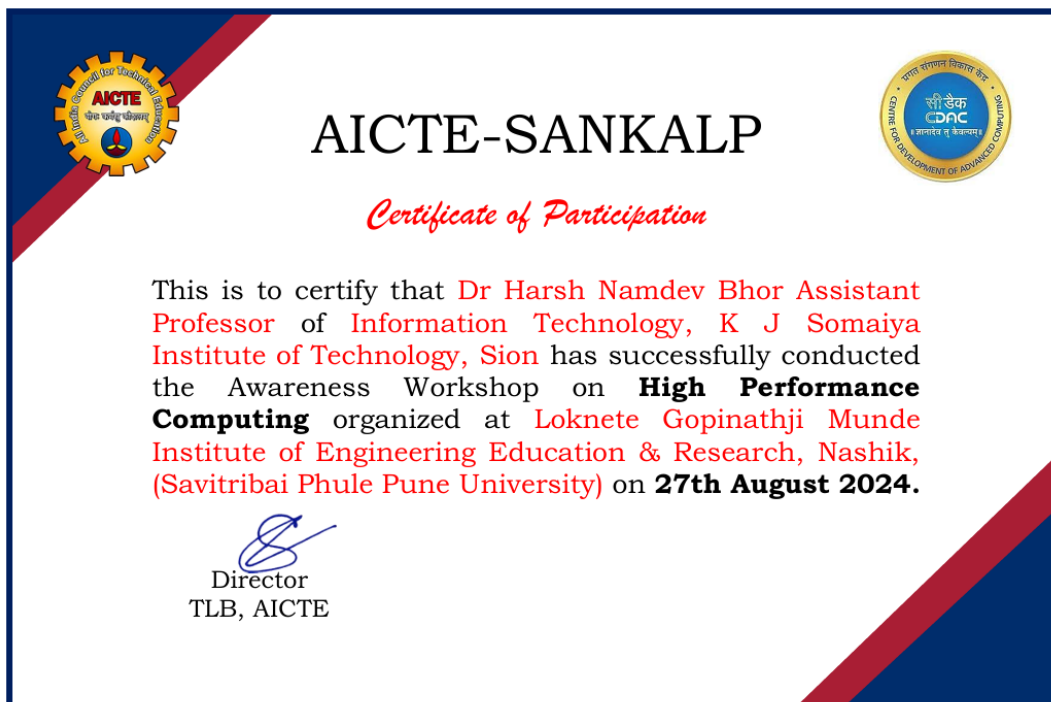
- Dr. Harsh Namdev Bhor served as a resource person for the High-Performance Computing Awareness Workshop, organized in collaboration with AICTE and CDAC, at Universal College of Engineering, Vasai, Thane, on September 24, 2024.



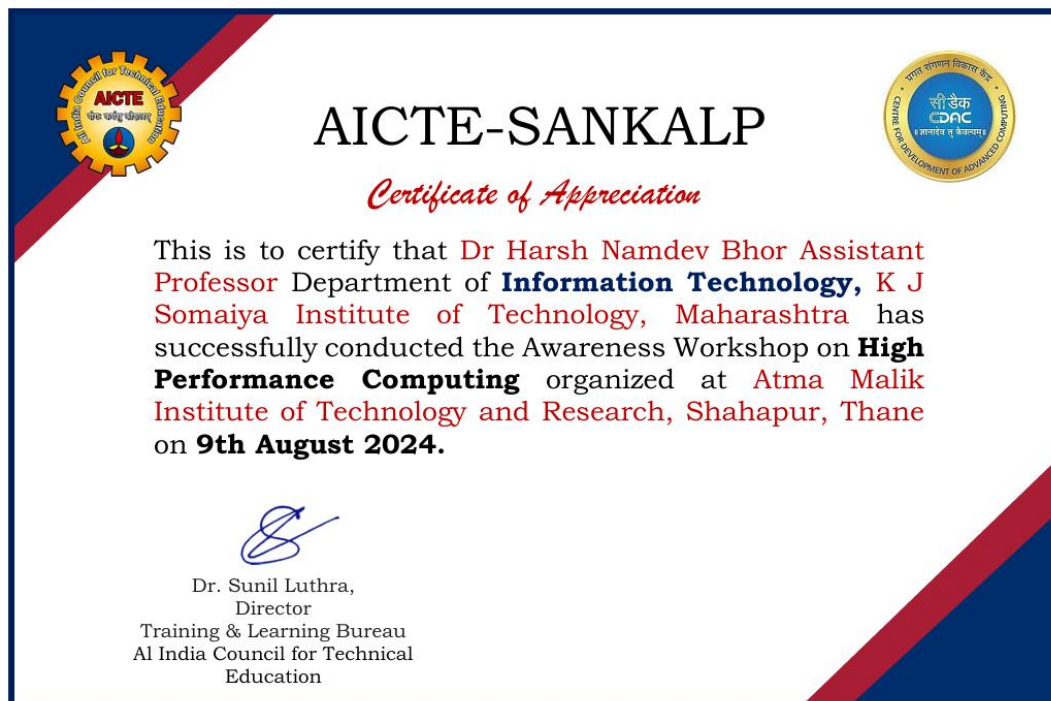
- Dr. Harsh Namdev Bhor served as a resource person for the High-Performance Computing Awareness Workshop, organized in collaboration with AICTE and CDAC, at SKN Sinhgad College of Engineering, Korti, Pandharpur, on Aug 31, 2024.



- Dr. Harsh Namdev Bhor served as a resource person for the High-Performance Computing Awareness Workshop, organized in collaboration with AICTE and CDAC, at LoGMIEER, Loknete Gopinathji Munde Institute of Engineering Education & Research, Nashik, on Aug 27, 2024.



- Dr. Harsh Namdev Bhor served as a resource person for the High-Performance Computing Awareness Workshop, organized in collaboration with AICTE and CDAC, at Atma Malik Institute of Technology & Research, Mohili, Shahapur, on Aug 09, 2024.



- Mrs. Sarita Rathod, presented a paper titled, “Tool for Ground Personnel Monitoring ”9th International conference on ICT for Sustainable Development Conference Venue: Hotel Vivanta Panji, Goa, India, 8th - 9th, August 2024, Publication partner, Springer, Springer Nature



- Mrs. Sudeshna Baliasingh’s manuscript “An Ensemble Technique for Cardiac Data Compression in Smart Healthcare System” paper ID SNCS-D-24-04421 at publication in SN Computer Science, Springer Journal is accepted and ongoing review.
- Mrs. Sudeshna Baliasingh’s paper was accepted for publication, paper ID - IJCVR-204155, titled "ECG Compression using Decomposition Techniques for Smart Healthcare System" in Inderscience Publishers, Scopus indexed.
- Mrs. Sudeshna Baliasingh, presented a research paper titled “An Ensemble Technique for Cardiac Data Compression in Smart Healthcare System” at the 4th International Conference on Computing, Analytics and Networks (ICAN 2024) jointly organised by Chitkara University Punjab and Andhra Pradesh on September 24th 2024.



- Mrs Sudeshna Baliarsingh completed a NPTEL online certification course on Electrocardiogram - Interpretation and Application in Clinical Practice July-August 2024.



- Ms. Reshma Rasal has certified as a Coach of AI for Youth Program in India on May 29, 2024.



Achievements of Students:

- **Students from the Department of Information Technology** – Mr. Hemanshu Rajde, Mr. Chirayu Agarwal, Mr. Uchit Chavda, and Mr. Jatin Soneta presented the **“Best Student Project Award 2024”** by the **Computer Society of India (Mumbai Chapter)** for the project “CleanPro” developed under the guidance of faculty – Dr. Radhika Kotecha.



- The innovation **“Train Crowd Management System”** developed by the **IT Department** alumni Mr. Ritesh Kumar Pandey & Ms. Janhavi Obhan under the guidance of the faculty mentor Dr. Radhika Kotecha, Professor and Head - IT Department was conferred as the "Best Innovation" among 100+ innovations exhibited.

