



TANTRADNYA

September-December 2024

Volume#11, Issue#3

DEPARTMENT OF INFORMATION TECHNOLOGY

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Editorial Team

Dr. Radhika Kotecha, Head of Department

Ms. Seema Yadav, Assistant Professor

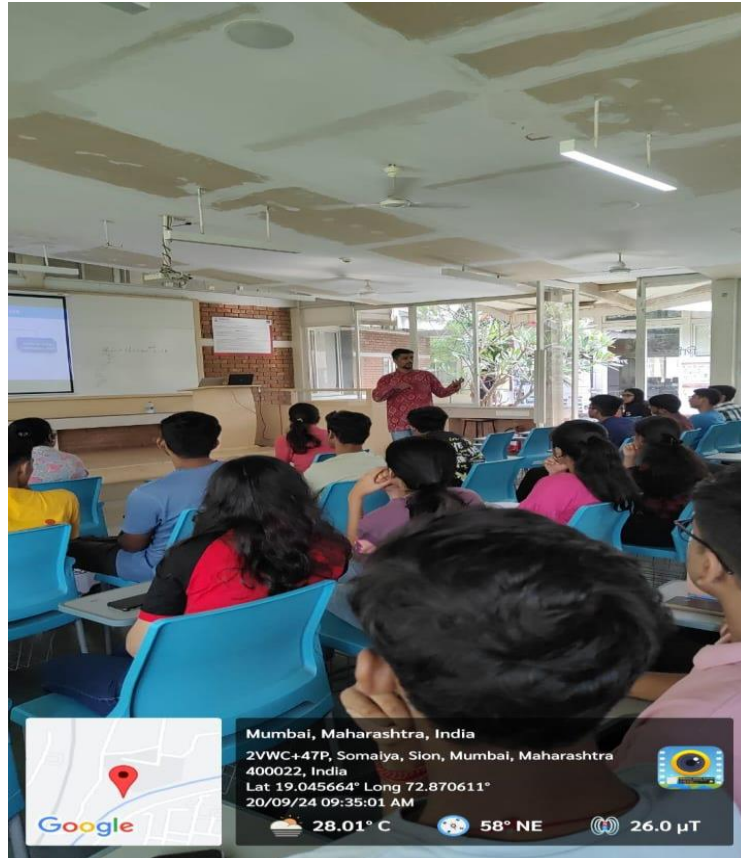
DEPARTMENT OF INFORMATION TECHNOLOGY

Tantradnya Newsletter

September to December 2024

Departmental Activities:

- The IT Department organized a seminar on “AI:REAL TIME USE AND APPLICATION”, on Friday, 20th September for SY and TY students, coordinated by Ms. Archana Kshirsagar.



Activities of Faculties:

- Ms. Archana Kshirsagar has successfully completed 30 hours online training of Innovation Ambassador on “foundation level” from 1st Sep to 5th Sep 2024 conducted by MoE’s innovation Cell and AICTE



- Ms. Archana Kshirsagar has successfully completed 30 hours online training of Innovation Ambassador on “Advanced level” from 6th Sep to 10th Sep 2024, conducted by MoE’s innovation Cell and AICTE



- Ms. Archana Kshirsagar has successfully completed the 8-day Faculty Development Program on “Startup Incubation Training,” held from October 21–25, 2024 (Residential), and October 28–30, 2024 (Online).



- Dr. Reena Lokare has completed one week ATAL FDP on “Next Gen Solutions for Medical Challenges Powered by AI Based Intelligent Systems” in online mode by Malla Reddy College of Engineering & Technology from 16th December 2024 to 21st December 2024.



- Dr. Reena Lokare completed ATAL FDP on “Artificial Intelligence Edge-Soft Computing” in online mode conducted by Dr. Sivanthi Aditanar College of Engineering from 9th December 2024 to 14th December 2024.



Achievements of Faculties:

- A proposal submitted by **Dr. Radhika Kotecha, Professor and Head of the Department of Information Technology**, has been selected for the establishment of the ‘**Aero Vision Drone Lab**’ under a joint initiative of **AICTE and AVPL International**. The lab will be set up with an investment of INR 50 Lakhs by AVPL. As part of this initiative, the AVPL team visited the institute for a detailed discussion on December 21, 2024.



- **Dr. Radhika Kotecha, Professor and Head of the Department of Information Technology**, participated in a collaboration meeting on December 20, 2024 with the **Maharashtra Load Despatch Centre**, hosted by the **India Meteorological Department (IMD), Pune**, to explore potential joint research opportunities.

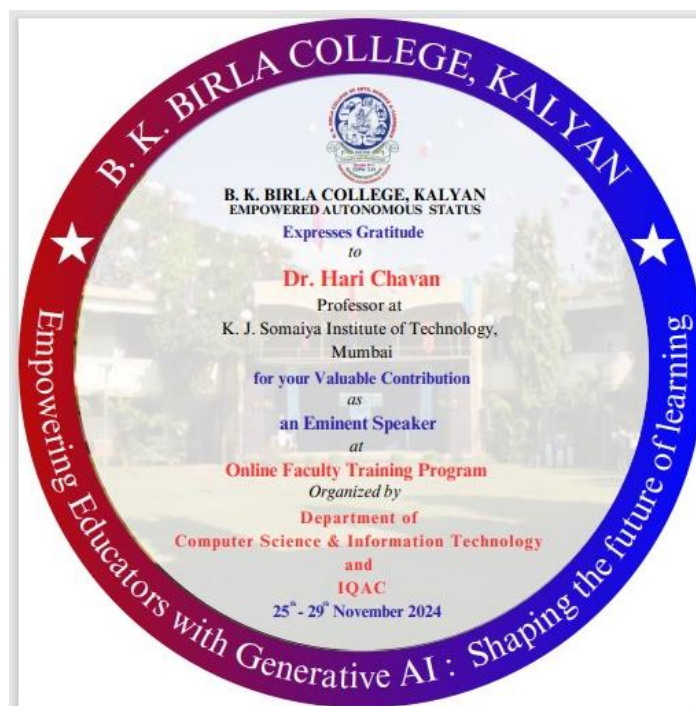


- **Dr. Radhika Kotecha, Professor and Head of the Department of Information Technology**, participated in an FDP on “Artificial Intelligence in Practice” from September 27-October 04, 2024 under Malaviya Mission Teacher Training Programme by Indian Institute of Science Education and Research (IISER) Bhopal
- **Dr. Hariram Chavan** has conducted Expert Session : Case Study on Research in Mobile Database, ISTE-approved Two-Week Short-Term Training Program (STTP) on “Research Insight in Multi-Disciplinary Domains,” organized by SAKEC Research Centre on 15th November 2024 at 10.00 am.



Expert session on “GALE-Generative AI for Learning Experiences”

- Dr.Hariram Chavan .has conducted Expert Session on “**GALE-Generative AI for Learning Experiences**”, FDP on Empowering educators with Generative AI : Shaping the future of learning on 28th November 2024, from 2pm - 5pm organized by B. K. Birla College, Kalyan Empowered Autonomous Status, Affiliated to University of Mumbai, 'College of Excellence' Status by UGC, Reaccredited by NAAC (4 Cycle) with 'A++' th Grade (CGPA – 3.51)





B. K. Birla College, Kalyan
 Empowered Autonomous Status
 Conducted by Kalyan Citizens' Education Society
 Affiliated to University of Mumbai
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IQAC with
Department of CS and IT



Organizes

Faculty Training Program
on

Empowering educators with
Generative AI :
Shaping the future of learning

Date : 25 - 29 November 2024 Time : 2pm - 5pm
 Registration Fees: 500/-



Prof. Shreyas Nambiar
 CBO - Universal AI
 University, COO - Univitt AI
 Technologies Pvt. Ltd.,
 Founder and COO - FAMS
 Design Solution



Mr. Jatinkumar Modh
 Digital Strategist, CISO,
 Data Protection Officer,
 Data Privacy Officer,
 IT Risk Advisor (Ops Risk)



Mr. Syed Aamer Hashmi
 Data Scientist,
 Boston Institute of
 Analytics



Dr. Hari Chavan
 Professor
 K. J. Somaiya Institute
 of Technology, Mumbai



Mr. Pranav Mulaye
 Data Analyst -
 Findability Sciences



Certificates will be awarded
 upon completion of the program.
 Register now!

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Account Details
 Name:
**BK BIRLA COLLEGE IT MGT
 STUDIES**
 ACC no.: 0209101047971
 IFSC Code: CNRB0000209

- Dr. Hariram Chavan has judged for 19th Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round).

Dr. Sunil Patil
 Director,
 Department of Students' Development
 and Foreign Students' Advisor

University of Mumbai



Department of Students' Development
 and Universities Information Bureau
 Vidyapeeth Vidyarthi Bhavan,
 1st Floor, 'B' Road, Churchgate,
 Mumbai - 400 020
 Tel. and Fax No. : (022) 2204 2859

No. SW/ of 20 RE-ACCREDITED A++ GRADE (CGPA 3.66) BY NAAC Date: 20

DSD / Aavishkar/ VIII / TL / 12, December 10, 2024

To,
Dr. Hariram Chavan,
 K.J. Somaiya Institute of Technology,
 Sion, Mumbai

Subject: Thanks Letter

Dear Sir,

I express my deep sense of gratitude for your august presence as a 'Judge' for 19th Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round) for **Zone VIII: Ratnagiri** organized by the Department of Students' Development, University of Mumbai on **Tuesday, December 10, 2024 at 09:00 a.m.** at **Dnyandeep College of Science and Commerce, Bhadgaon, Khed, Dist.-Ratnagiri** for **Category 4: Agriculture and Animal Husbandry, Category 5: Engineering and Technology and Category 6: Medicine and Pharmacy** and UG, PG and PPG Levels.

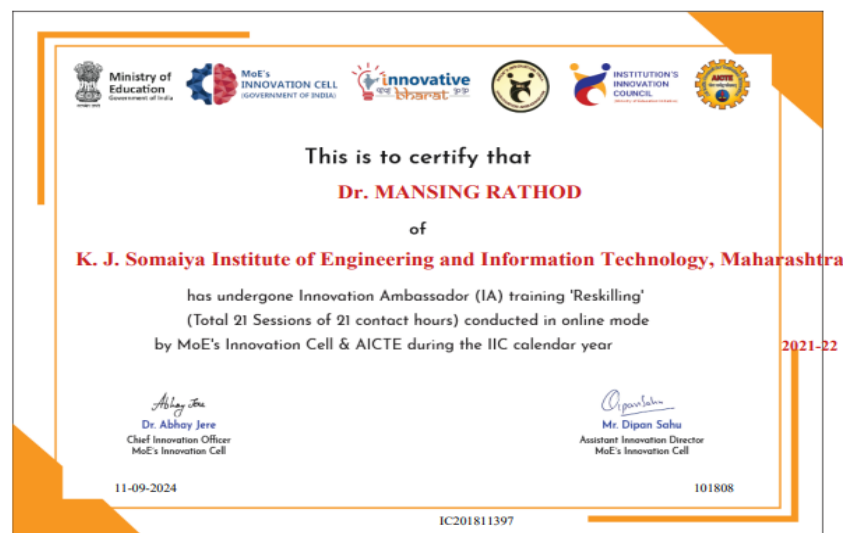
Our students are very much delighted with your valuable and visionary guidance and this will definitely helpful for enhancement of their personality development.

Once again thanks for being with us and I expect same type of co-operation in our future endeavor.

- Mr. Uday Rote has completed the ATAL AICTE FDP on "Impact and Outcome of Industry 4.0/5.0" in offline mode organized by K.C. College of Engineering and Management Studies and Research , from 2nd December 2024 to 7th December 2024.



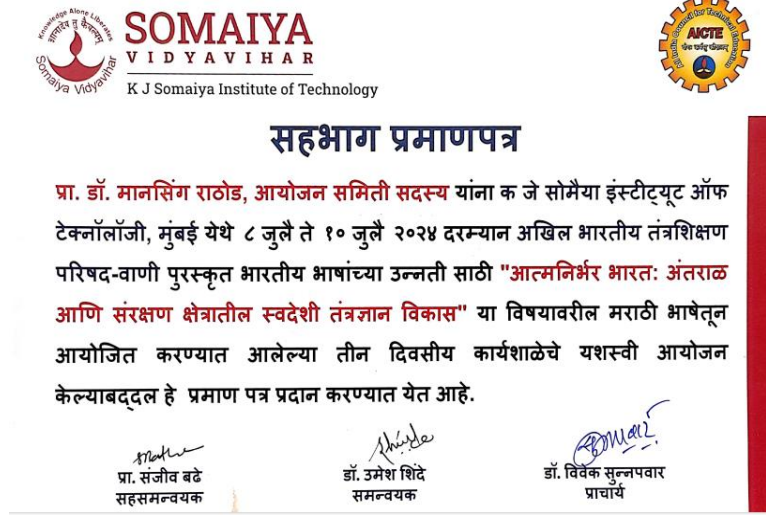
- Dr. Mansing Rathod has successfully completed 30 hours online training of Innovation Ambassador on “foundation level” from 1st september to 5th Sep 2024 conducted by MoE’s innovation Cell and AICT.



- Dr. Mansing Rathod has attended One Week National Level Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research, St. Mary's College, Thrissur, Kerala in association with the Collegiate Education Department, Government of Kerala, October 17-24, 2024.



- Dr. Mansing Rathod has attended 3Day's AICTE-VAANI- FDP, on Space and Defence organized by R&D Cell, K. J. Somaiya Institute of Technology , Sion, Mumbai, July 8-10, 2024.



- Dr. Mansing Rathod has attended 3Day's AICTE-VAANI- FDP organised by EXTC Department K. J. Somaiya Institute of Technology , Sion, Mumbai, Sept 16-20, 2024



- Mrs. Seema has completed the ATAL FDP on "Data Augmentation with Generative Models: Enhancing Computer Vision Pipelines" in online mode sponsored by AICTE and organized by L.D College of Engineering, Ahmedabad, from 16th December 2024 to 21st December 2024.



- Mrs. Seema has completed the FDP on "AI Applications Banking and Healthcare Industry" in online mode organized by KLE Technological University Dr. M.S Sheshgiri Campus, Belagavi(Karnataka), Chatanya Bharthi Institute of Technology, Hyderabad, Department of Information Technology, (Telangana), K.J Somaiya Institute of Technology, Department of Artificial Intelligence and Data Science(Maharashtra) and Adhiyamaan College of Engineering Hosur, Krishnagiri District, Tamil Nadu, from 12th December 2024 to 18th December 2024.



- Mrs. Seema has completed the ISTE approved 6-day online Faculty Development Program (FDP) titled "Building Intelligence: Hands-On Deep Learning, Generative AI and Toolkits", in association with IET and organized by K.J.Somaiya Institute of Technology, Sion, Mumbai, from 9th December 2024 to 14th December 2024.



- Dr. Reena Lokare has published a research paper on “Transparent Precision: Explainable Artificial Intelligence Empowered Breast Cancer Recommendations for personalized treatment in Scopus indexed journal-IAES International Journal of Artificial Intelligence for Volume 13, No.3 on September 2024.



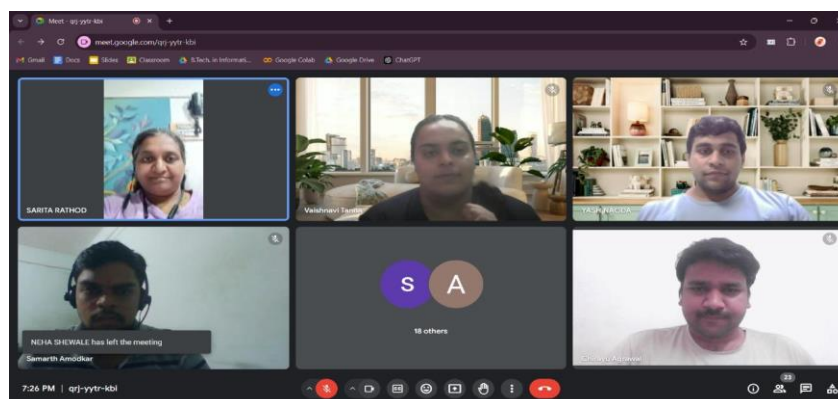
- Ms. Sarita Rathod completed ATAL FDP on “ Full stack development in AI” in online mode sponsored by AICTE and organized by R. N. G. Patel Institute of Technology Bardoli – Navsari Road from 2nd December 2024 to 7th December 2024.

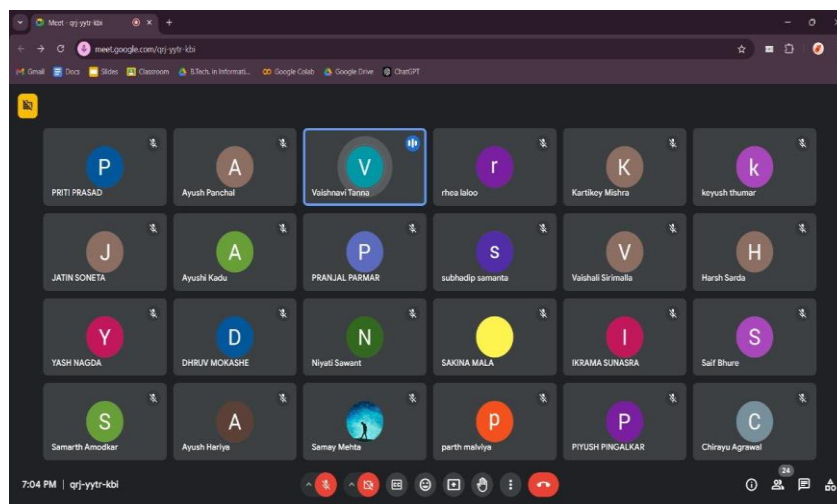


- Ms. Sarita Rathod completed ATAL FDP on “Leveraging Healthcare: Innovations, Technology, and Applications (HealthITA)” sponsored by AICTE and organized by the Department of Computer Science and Engineering, National Institute of Technology Delhi, India from 16th December 2024 to 21st December 2024.



- Ms. Sarita Rathod completed the ISTE approved 6-day online Faculty Development Program (FDP) titled “Building Intelligence: Hands-On Deep Learning, Generative AI and Toolkits”, in association with IET and organized by K.J.Somaiya Institute of Technology, Sion, Mumbai, from 9th December 2024 to 14th December 2024.
- Ms. Sarita Rathod organised an Expert session on “Placement Grooming”, on September 27, 2024 for LY students, K. J. Somaiya Institute of Technology, Mumbai





- Ms. Sarita Rathod completed an online non-credit project authorized by Guided Projects and offered through Coursera “ Linear Regression with NumPy and Python”, September 24, 2024



- Ms. Sarita Rathod has guided a Research Project titled CalmConnect: VR-Based Mental Health Therapy in Medicine and Pharmacy Category and UG Level and Participated at the 19th Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round) on 15th December 2024



- Ms. Sarita Rathod has guided a Research Project titled Smart Cap For Visually Impaired People in Humanities, Languages and Fine Arts Category and UG Level and Participated at the 19th Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round) on 15th December 2024



- Ms. Sarita Rathod has judge for "KJSIT Campus Hackathon 2024" which was conducted on September 09, 2024, Project competition cell and The Institution of Innovation cell, by K.J.Somaiya Institute of Technology, Sion, Mumbai
- Dr. Vijaya Umesh Pinjarkar Served as resource person at Webinar organised by Anuradha Engineering College, Chikhli Dist: Buldana, Maharashtra 443201 dated Sept 27, 2024, Topic: The Future of Blockchain Technology : Opportunity and Challenges

Anuradha Engineering College, Chikhli
Department of Information Technology
In association with Computer Society of India

Webinar on
**THE FUTURE OF BLOCKCHAIN
TECHNOLOGY
OPPORTUNITIES AND
CHALLENGES**

Empowering Innovation, Facing
Challenges: Blockchain Ahead

DATE
SEP 27, 2024

TIME
AT 11.00 AM

Speaker
**DR. VIJAYA UMESH
PINJARKAR**

REGISTER NOW

<https://forms.gle/SCCcGty39PmVg4Wo6>




- Dr.Vijaya Umesh Pinjarkar Participated and successfully completed the Training Training And Learning (ATAL) Academy Advance FDP on " Navigating the Future of Decentralised Advanced Blockchain Technology " at Fr. Conceicao Rodrigues College Of Engineering From December 09-21, 2024





- Dr.Vijaya Umesh Pinjarkar has successfully completed 30 hours online training of Innovation Ambassador on “Advanced level” from 6th Sep to 10th Sep 2024, conducted by MoE’s innovation Cell and AICTE



- Ms. Reshma Rasal has successfully completed 30 hours online training of Innovation Ambassador on “Foundation level” on 9th Sep 2024, conducted by MoE’s innovation Cell and AICTE



- Ms. Reshma Rasal has successfully completed a 12-week NPTEL Online Certification course from July - October 2024 on Programming in JAVA.



- Ms. Reshma Rasal has successfully completed the ISTE-approved Self-Financing Faculty Development Program on “Building Intelligence : Hands-on for Deep Learning Generative AI and Toolkits” from December 9, 2024, to December 14, 2024 organized by KJSIT ,Sion in association with IET (Mumbai) Local Network.



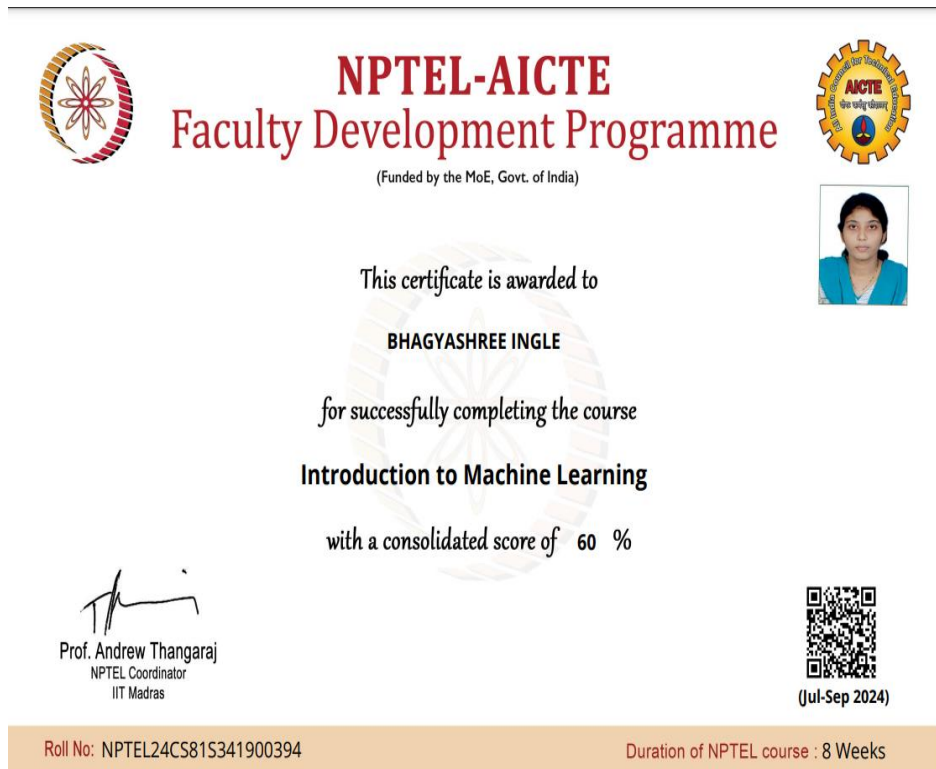
- Ms. Bhagyashree Ingle has successfully completed 30 hours online training of Innovation Ambassador on “foundation level” from 1st Sep to 5th Sep 2024 conducted by MoE’s innovation Cell and AICTE.



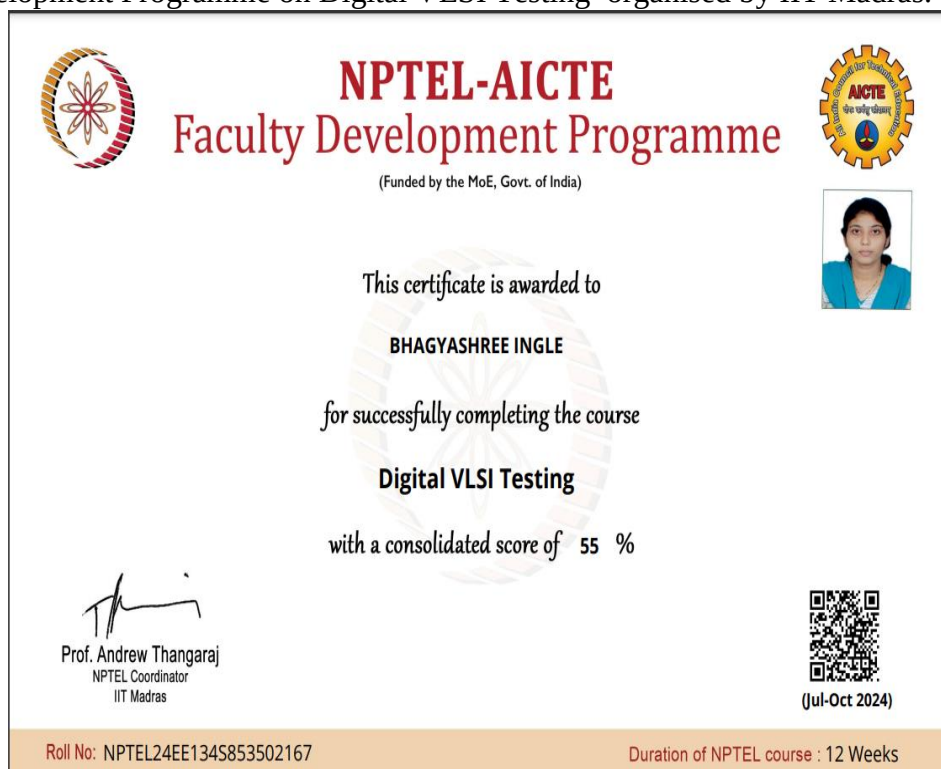
- Ms.Bhagyashree Ingle has successfully completed 30 hours online training of Innovation Ambassador on “Advanced level” from 6th Sep to 10th Sep 2024, conducted by MoE’s innovation Cell and AICTE.



- Ms.Bhagyashree Ingle has successfully completed 8 Weeks NPTEL_AICTE Faculty Development Programme on Introduction to Machine Learning organised by IIT Madras.



- Ms.Bhagyashree Ingle has successfully completed 12 Weeks NPTEL_AICTE Faculty Development Programme on Digital VLSI Testing organised by IIT Madras.



Activities of Staff:

- Training on AI & Robotics for Somaiya schools students of 7th and 8th standard at Sameerwadi Karnatak, Vidyavihar campus, Laxmiwadi, Sakarwadi Kopargav etc. Mrs. Pallvi Chavda has contributed as a technical staff and helped in training with Dr. Vaishali Wadhe.



Achievements of Students:

- Student from Department of Information Technology Parmesh Vala, member of KJSIT Table Tennis Team secured 4th place in Mumbai City Zone 1 Table Tennis tournament of University of Mumbai on 20th September 2024.

