



Hope Foundation's

**FINOLEX ACADEMY OF MANAGEMENT & TECHNOLOGY,
RATNAGIRI**

**(Affiliated to University of Mumbai, Approved by AICTE & recognized
by DTE, Govt. of Maharashtra)**

**(Established in 1996) P-60, P-60/1, MIDC Mirjole Block, Ratnagiri, Maharashtra 415639,
www.famt.ac.in**



VERVE

A Biannual E-Newsletter

July to December 2024

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E-Newsletter SH-2024
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A Project of Hope Foundation - **FINOLEX**

Word with Readers

Dear Readers,

Warm Greetings on New Year!

As the calendar turns to a fresh chapter, we embrace the spirit of renewal and possibilities. May the year 2025 be the year of joy, inspiration and prosperity for all. On this note, we are delighted to share the 16th edition of Verve with insights into the events and progress at FAMT during the second half of 2024.

This semester, FAMT introduced a Bachelor of Engineering programme in Computer Science & Engineering with a specialization in Cyber Security alongside implementation of NEP 2020 in all Engineering Programmes. We are also very pleased to share that FAMT received NBA accreditation for Mechanical Engineering, EXTC and IT Departments, a significant milestone that reflects the commitment of our institution to quality education and opens a door of vast career opportunities for our students. A heartfelt thank you to all our stakeholders for their indispensable support and contribution in this journey and we eagerly anticipate your continued support.

May this edition inspire all of us. We wish everyone a Happy New Year!

Thank you.


Team FAMT



Vision

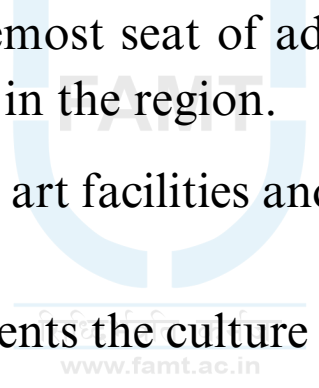


The academy aspires to nurture students as leaders who are in tune with global trends, equipped with engineering knowledge and practical skills, to excel in creativity and innovation in order to play their part in technological advancement of the nation.



Mission



- ▶ To become the foremost seat of advanced technical learning as a center of excellence in the region.
 - ▶ To offer state of the art facilities and quality education at affordable cost
 - ▶ To inculcate in students the culture of ‘Play Hard and Play Fair’.
 - ▶ To advance sustainable development in the region through opportunities for entrepreneurship and industry-institute interaction.
 - ▶ To create a generation of young professionals who appreciate in all its aspects the necessity of balance between technological advances and traditional values.
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Celebrating Achievements

FAMT achieved a significant milestone with the National Board of Accreditation (NBA) granting accreditation for 3 years to its Mechanical Engineering, Information Technology, and Electronics & Telecommunication Engineering Departments. The NBA Committee visited the FAMT campus from 04th to 06th October.



FAMT was honored with the Education Excellence Award 2024 for fostering an ideal placement environment by the Services Export Promotion Council (SEPC) with the support of the Department of Commerce, Ministry of Commerce & Industry, Government of India on 28th September during the National Conference on Transforming Higher Education & Skilling towards Viksit Bharat @2047 & Education Excellence Awards 2024.

FAMT Secured 60th Rank among the Top 160 Private Engineering Institutes in India by OUTLOOK -ICARE Ranking 2024.

FAMT secured 189th Rank in India Today Best Engineering Colleges Rankings 2024.

Dr Geetanjali N. Sawant was awarded PhD by the University of Mumbai for her research on “Permission Blockchain Based Smart Contract Utilizing Biometric Authentication As a Service”. She pursued her research at FAMT Remote Centre under the mentorship of Dr. Vinayak Bharadi and Dr. Kaushal Prasad.



The CSE (AI & ML) faculty brilliantly excelled in the NPTEL course offered by IIT, Roorkee ‘Technical Communication for Engineers’ from July to August 2024 highlighting their unwavering commitment to lifelong learning and professional excellence. The highlights of their remarkable success are:

- ★ Prof. Vrishali Nimbalkar scored an impressive 95% , placing her in the top 1% with Elite Gold Medal.
- ★ Prof. Sprooha Athalye secured 90%, ranking among the top 5%, with Elite Gold Medal.
- ★ Prof. Swapnali Teli achieved 86% with Elite Silver Medal.
- ★ Prof. Rahul Tivarekar scored 86% with Elite Silver Medal.
- ★ Prof. Mahesh Jadhav attained 80% with Elite Silver Medal.
- ★ Prof Manasi Gore scored 80% with Elite Silver Medal.
- ★ Prof. Mrunmayee Hatiskar acquired 76% with Elite Silver Medal.



Dr. Yogesh Gajmal, Prof. Atiya Kazi, and Prof. Omkar Dike, Department of Information Technology, authored a book titled 'Blockchain Technology: Principles and Applications' published by IGI Global.



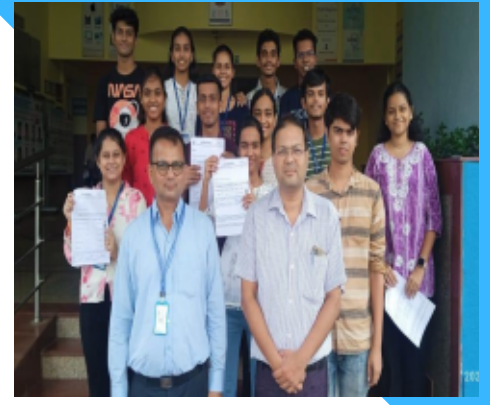
A team of Sixteen FAMT students secured a proud 3rd Position out of 12 colleges at the zonal round of the Purushottam Karandak Ratnagiri Zone held at the Indira Gandhi Cultural Hall, Chiplun, on 24th September.



FAMT Team of students: Shambhavi Sutar, Dhyan Patel, Shridhar Naik, Amartya Desai and Sahil Nagvekar earned a Consolation Prize for their Mime performance out of 26 participating colleges at the university round of the 57th Inter-Collegiate Cultural Youth Festival on 21st September.



The Zonal Round of the 57th Mumbai University Youth Festival for Ratnagiri South Zone, held on 03 August, saw 36 FAMT students competing in 21 events and winning the following competitions:



Event	Winners	Rank
Skit	1. Swanand Shenai 2. Prasad Phadke 3. Amartya Desai 4. Isha Kale 5. Shambhavi Sutar 6. Dhyani Patel	2nd
Mime	1. Shambhavi Sutar 2. Dhyani Patel 3. Shridhar Naik 4. Amartya Desai 5. Sahil Nagvekar	3rd
Classical Instrumental Solo	Prathamesh Arlekar	3rd
Natyasangeet Solo	<u>सिद्धिर्भवति कर्मजा</u> Dixita Mithbawkar amt.ac.in	Consolation



Ms. Shambhavi Balwant Sutar won the Consolation Prize for Acting at the final round of the Purshottam Karandak at Bharat Natya Mandir, Pune, held from 27 to 29 December.





FAMT Table Tennis Team: Jay Rathod, Om Vadake, Vedant Haldankar, Aarya Salvi and Pranav Janwalkar won First Position in the Mumbai University Konkan-Zone Inter-College Table Tennis Tournament organized on 18th & 19th September. Jay Rathod and Vedant Haldankar were selected for the Mumbai University Inter-Zonal Table Tennis Tournament 2024.



Avanee M. Athavale, Electrical Engineering student, won First Prize in Chanakya Mandal's State-Level Essay Writing Competition, earning a 100% scholarship for their Foundation Course worth Rs 60,000/-.



Ruanak Wete, Yash Vargaonkar, Khushi Ayare, Vaishnavi Pokale, Rohit Kalwankar, Ashish Ghadigaokar, Prachi Dabhokar & Jagannath Sarmalkar received the prestigious Priyadarshini Scholarship 2024 at the hands of Dr Kaushal Prasad.



The Mechanical Engineering Students Association (MESA) hosted a Logo Design Competition on 22 August. Guruprasad Dhotre bagged the top spot and his winning design was selected to represent MESA as an official logo.



An impressive 89 students secured placements across 11 esteemed companies during SH 2024. Heartfelt congratulations to all the students stepping into this exciting new chapter of their journey!



The Code Fusion: From Basics to Brilliance Session on 04 August by Giri's Tech Hub enhanced IT, CSE, and MCA students' programming skills through hands-on coding exercises and industry-focused insights under the guidance of Mr. Adinath Giri.

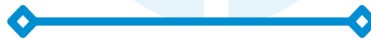




The Life Skills Training Programme from 23 to 27 July, organized in collaboration with Rubicon and Barclays, upskilled B.E. and MCA students in corporate readiness, soft skills, and interview techniques.



A five-day Aptitude Test Training Program by Apt-Tech, from 16 to 20 July, prepared BE students for campus recruitment through interactive sessions on aptitude, reasoning, and verbal skills.



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Global Talent Track and Barclays' 5-day Life Skills Training Programme, held from 09 to 14 July, enhanced second and third-year engineering students' soft skills, corporate readiness, and confidence through interactive sessions.



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Engaging with Alumni and Experts

The Department of MCA, Student Association of MCA, and IEDC organized an Alumni Interaction Program for MCA students on 29 October. Ms. Sayali Gune, SAP ABAP Associate Consultant, Automatic Infotech, Pune, shared valuable insights into the product development phases and career prospects as an SAP Developer.



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On 25 October, a technical session and field visit were held for BE Mechanical Engineering students on Solar Energy Innovations and the PM Surya Ghar Yojana. Mr. Rhishikesh Kondekar, alumnus and Director, Saurmandal Solar, explained solar technologies, government incentives, and the installation process.



On 01 October, the Computer Science and Engineering (AI & ML) Department in collaboration with IIIC and IEDC hosted a motivational session with Mr. Yogesh Mulye, CEO of Computer Concepts, inspiring students with his entrepreneurial journey, emphasizing innovation, and networking.



The Chemical Engineering Department conducted a Workshop on Design of Shell and Tube Heat Exchanger on 30 September and 14 October, for the final-year students. Prof. A. K. Bandsode elaborated on mechanical design using spreadsheets in Open Office software.



On 24 September, MESA organized a Seminar on Logistics Development for the third and final Year Mechanical and Electrical Engineering students. Mr. K P Ganesh, Project Procurement Manager, Worley India Pvt. Ltd. Mumbai, along with Ms Kirti Roarane, shared his extensive knowledge and experience in the field of logistics.



On 24 September, MESA organized a Seminar on Project Management for the third and final Year Mechanical, Electrical and EXTC Engineering students. Ms. Kirti Raorane, Worley India Pvt. Ltd. Mumbai, provided valuable insights into the fundamentals of project management.



MESA organized a Seminar on Overview of Supply Chain Management for Mechanical and Electrical Engineering students on 23 September. Mr. Manoj Patil, an alumnus and an industry expert currently working with Worley India Pvt. Ltd. Mumbai, delivered an insightful presentation on supply chain fundamentals and challenges.

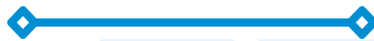
The EXTC Department organized a three-day training on Project Planning and Execution Practices from 29 to 31 August for BE students. Mr. Ajinkya D. Dixit, Founder Aerobotix Techsolutions Pvt. Ltd., Kolhapur, conducted the training program.



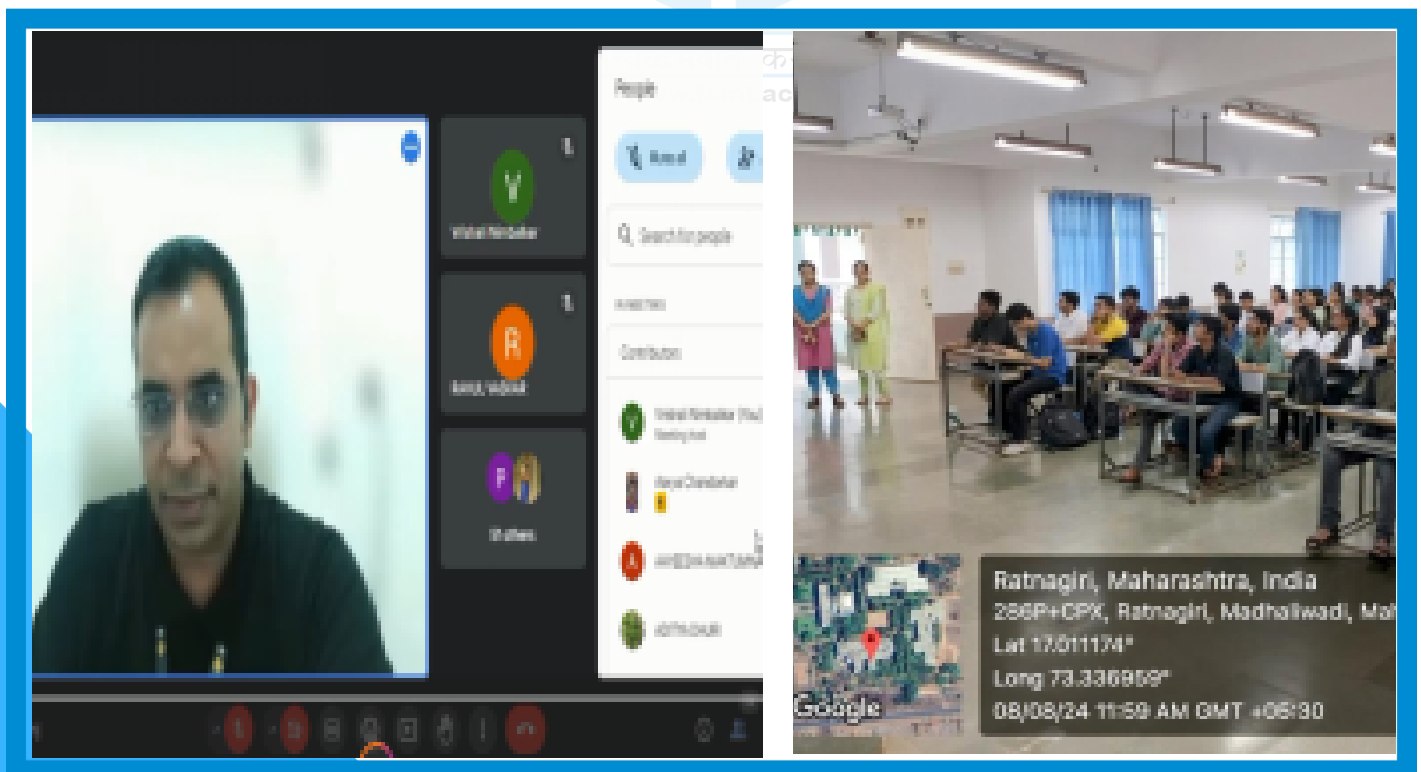
The CSE Department (AI & ML) hosted an insightful Workshop on Flutter Innovate: From Idea to App on 31 August under a MoU with Aryak Solutions Pvt. Ltd., Ratnagiri. Mr. Atharva Devsthali and Mr. Yash Waghdare, guided the CSE students through the process of transforming ideas into fully functional mobile applications.



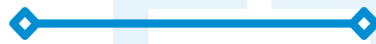
The Electrical Engineering Department arranged a Course on Fundamentals of Electrical Design on 22 August, featuring Shri. Ranjan Kadulkar, an expert with 30+ years of experience in Electrical Design and Maintenance.



The CSE (AI & ML) and IT Departments organized an Online Session on Lean Start-ups and MVPs on 08 August in collaboration with IIC, and IEDC. Mr. Sanjeev Mishra, CEO, STANEZ Academy Nashik, focusing on shared insights on market research, AI tools, and digital marketing trends.



The Chemical Engineering Department organized a Seminar on Navigating the Challenges of Commissioning in the Chemical Industry on 07 August. Mr. Rakesh Khandare, Alumnus and Commissioning Engineer in Aquatech Asia System Pvt. Ltd., Mumbai shared industry insights with students.



On 07 August, the IT Department organized an Expert Session on Stress Management and Motivation for second and third-year students, led by Mrs. Kashmira Shinde, Counsellor, Consultant and Founder and CEO, FUTURE BRIDGE, offering practical techniques for managing stress and staying motivated.

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A Seminar on AI & ML Skill Enhancement Pathways through Microsoft & IBM Certifications was convened on 05 August, through a collaborative effort of the CSE (AI&ML) and IT Departments. The session was led by Mr. Manish Singh, Manager of Service Sales at Inflow Technologies Pvt. Ltd., who imparted his insights and expertise.



The ASME Maharashtra Section held a one-day meet on 03 August in Pune, featuring technical sessions and panel discussions. Mechanical Engineering students along with Prof H V Chavan attended the meet.



The Electrical Engineering Department organized a Workshop on Python, Data Science, and Machine Learning Fundamentals for Electrical Engineers on 02 and 03 August. Prof. Rupesh B. Ingle conducted the workshop for BE students.



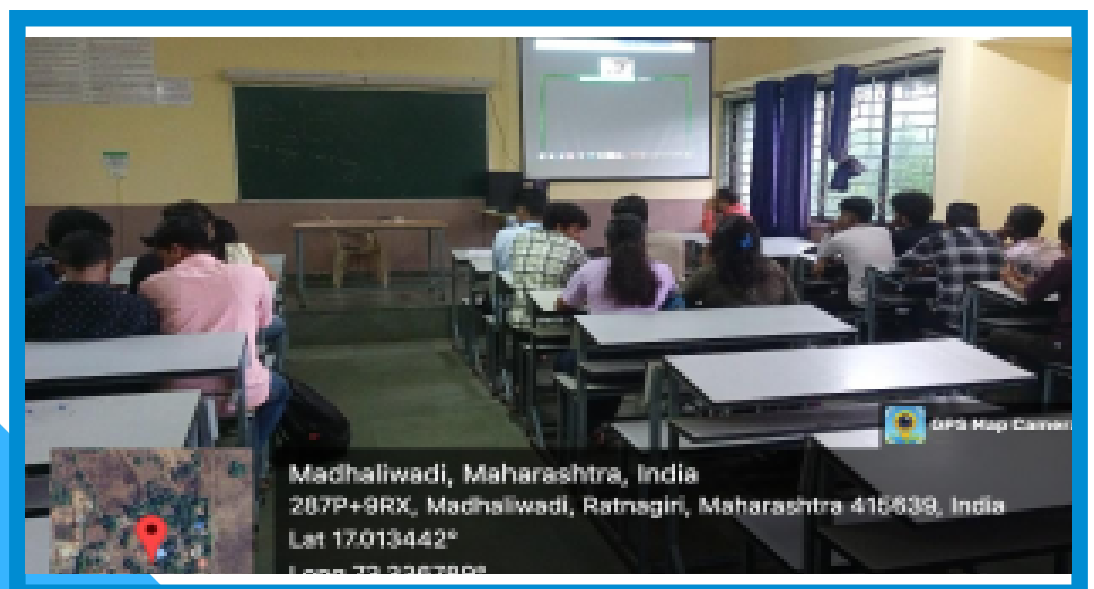
The Electrical Engineering Department arranged a Guest lecture on How to Prepare for Technical Competitive Exams on 02 August. Mr. Swanand Lohar, alumnus and Asst. Engineer at MSETCL Oni Substation, interacted with the Electrical Engineering Students.



The NPTEL Awareness Session was organized by the EXTC Department on 29 July. Prof. Amol R. Sutar, Dr. Vijay M Galshetwar, Prof. Vinayak. D. Chavan, Prof. Saurabh S. Athalye and Prof. Madhura K. Zagade interacted with the EXTC students.



On 24 July, the Mechanical Engineering Department organized a Webinar on Metal 3D Printing using Laser Wire DED for second-year students, featuring four expert speakers: Dr. Sajan Kapil, Assistant Professor, Department of Mechanical Engineering, IIT, Guwahati; Alejandro Lázaro Martínez, Process and Material Manager, Meltio; Suman Gowd, Application Head, Phillips Additive and Dr Flavio Bartolomeu, Senior Researcher, Multi-material Additive Manufacturing, Technology Innovation Institute, Abu Dhabi, UAE.



A series of Workshops and Sessions on MATLAB and SIMULINK were organized across various departments in hybrid mode from 18 to 24 July, offering students hands-on learning and expert insights by Mr. Ankit Kumar, Application Engineer from MathWorks Design Tech System.



Mechanical Engineering
Department



Electronics &
Telecommunication
Engineering



Electrical Engineering
Department

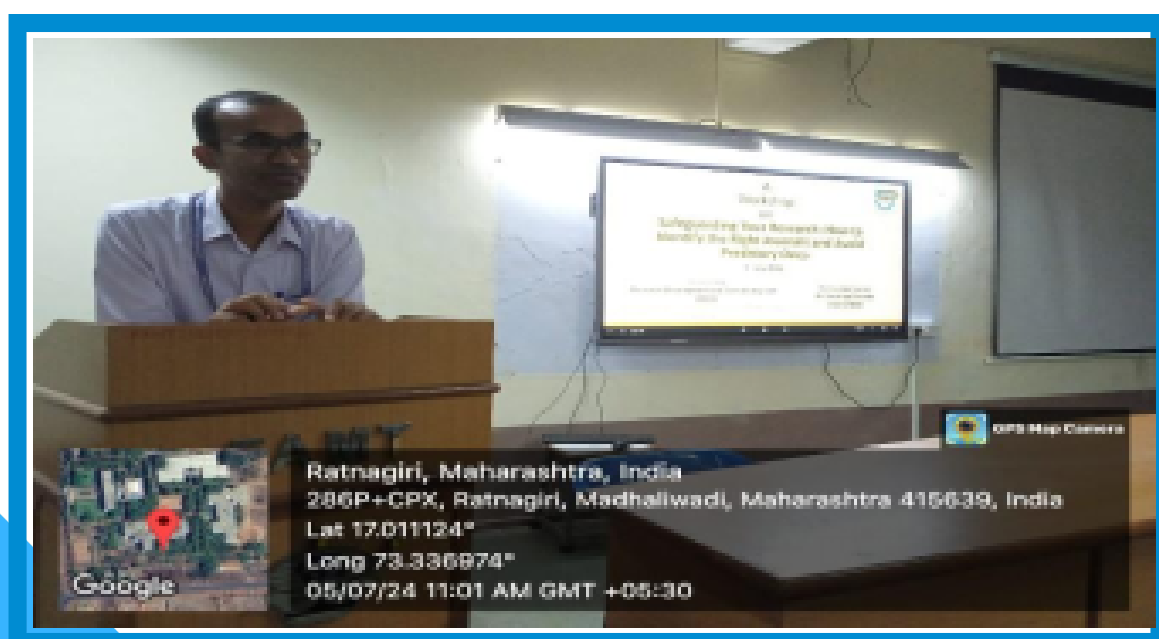


Computer Science &
Engineering (AI & ML)
Department

On 20 July, the Incubation Center, in collaboration with IEDC and FAMT IIC, organized an awareness program on the FAMT Innovation and Start-up Policy. Dr. Sandeep Chawda, Dean R&D, Convener Incubation Center, IEDC and IPR Cell and President FAMT IIC, interacted with FAMT faculty.



On 05 July, the RDCC organized a Workshop Safeguarding Your Research: How to Identify the Right Journals and Avoid Predatory Ones led by Dr. Sandeep Chawda, which benefited the faculty and staff members with valuable insights for academic publishing.



5

Educating through Field Visits

B.E. Mechanical Engineering students on a Field Visit to Suzlon Wind Turbine Power Plant, Devgad, on 10 October



B.E. Chemical Engineering students on Visit to a Waste Plastic Pyrolysis Unit at Gadre Marine Export Pvt. Ltd, Ratnagiri on 01 October



B.E. Mechanical Engineering students on Visit to Automation Expo 2024, the 17th India International Trade Show, held at BEC Goregaon, Mumbai, on 24 August



B.E. Mechanical students on a Field Visit to Automotive Workshop Trimurti Car, MIDC, Ratnagiri on 16 August.

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5

Tech Competitions

The Department of Information Technology, in collaboration with IIC, organized an Internal Hackathon on 28 August. Fifteen teams participated, fostering innovation and problem-solving under the guidance of Dr. Vinayak A. Bharadi.



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The Electronics and Telecommunication Engineering Department, in collaboration with IEDC, organized a Poster Presentation Competition on 12 August.



6

The Extracurricular Edge

On 26 November, the students and faculty gathered to honour Constitution Day. Prof. M.S. Modak enlightened the students about the fundamental rights and duties enshrined in the Constitution of India. It was followed by a collective reading of the Preamble to the Constitution.



Glimpses of Welcome Programme for SE Students by MESA on 11 October, Parichay 2024 by ASENT for EXTC students on 13 August and FreshFlix 2k24 by ACSES for CSE Students on 09 August



The MCA Department organized a two-day Induction Program on 09 and 10 October to integrate FYMCA students and introduce institutional culture. Sessions covered institute history, scholarships, curriculum, placements, mentorship, industry trends, and cultural activities.



On 30 September and 01 October, NSS Unit's Cleanliness Drive Swacchata Hi Seva Campaign echoed Gandhi's vision of a clean and self-reliant India. The NSS volunteers cleaned the campus, promoted waste segregation, and raised awareness reinforcing the importance of cleanliness and sustainability under the guidance of Prof. Umesh K Samant.



On 30 September, NSS Unit's Plantation Programme Ek Ped Ma Ke Naam celebrated nature and motherhood, as the volunteers planted saplings across the campus, honoring their mothers and pledging to nurture them—a beautiful tribute to life and care.



On 28 September, ACSES conducted an AI Awareness Program at Damle School, Ratnagiri, for 9th and 10th graders. Prof M. S, Jadhav along with Mr. Shivam Parab, and Mr. Vansh Gandhi, CSE-AIML students, conducted an interactive session introducing AI concepts.



Engineers Day & Teacher's Day Celebration ACSES on 27 September



Engineers Day Celebration by MESA in presence of Mr. Manoj Patil and Ms. Kirti Raorane on 24 September

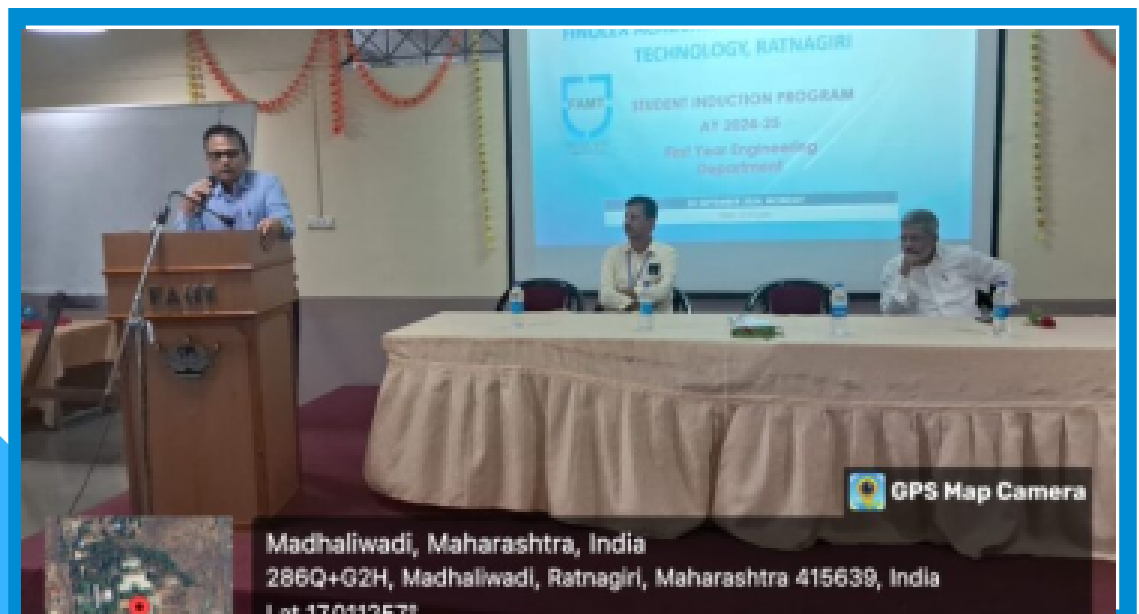
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The Central Library held the Awareness Programme on NPTEL & Swayam as a part of National Library Day Celebration along with an Orientation Programme on Library for FE Students from 18 to 27 September.



On 02 September, FE Department organized an Induction Program for First Year Engineering students under the coordinatorship of Prof. D. D. Joshi. Principal Dr. Kaushal Prasad welcomed students, discussed institute resources, and career guidance. Dr. Yogesh G. Mulye, the Head, highlighted the new curriculum as per NEP 2020.



Memorandum of Understanding (MoU) with Pleximus Inc., a prominent Web Development Company in Ratnagiri on 27 August.



Memorandum of Understanding (MoU) with Aryak Solutions, a prominent player in the IT services On 19 August



MESA organized an Orientation Programme for the Mechanical Engineering students on 26 August. Dr. Milind Kirkire unveiled the new official logo of MESA and students were felicitated for their efforts to arrange MESA events.



78th Independence Day Celebration at FAMT on 15 August by NSS and MESA

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National Library Day Celebration on the Birth Anniversary of Dr. S. R. Ranganathan by the Central Library on 12 August.



The Electrical Engineering Department commemorated Kargil Vijay Diwas on 01 August, honouring India's brave soldiers through speeches, a documentary, student-led tributes and an online quiz.



All FAMT departments held Khandenavami Puja on 11 October on the Occasion of Dussehra.



The Career Counselling Cell reached out to 3474 HSC Students with a series of Seminar on Career Planning in Engineering at 55 Higher Secondary institutes across Ratnagiri and Sindhudurga districts in the months of November and December.



The Career Counselling Cell conducted Educational Visits to FAMT for the students of higher secondary institutes across Ratnagiri. More than 500 students from Mukul Madhav Vidyalay, Naik Jr. College, Suyash Classes, Shirke Jr. College and Gogate Jogalekar College. visited FAMT Campus in the months of November & December. www.famt.ac.in



FAMT held a Seminar on Engineering Admission Process 2024 for HSC students and their parents at FAMT campus. Dr Kaushal Prasad and Dr M. S. Yadav addressed the gathering and responded to the queries of students and parents.



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