



Hope Foundations'

FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI

(Approved by AICTE, recognized by DTE, and Affiliated to Mumbai University,  
NAAC Accredited with B++)

# ELECTRAZINE

*E – Newsletter of*

**Electrical Engineering Department**

*Volume 9, Issue 2 (1<sup>st</sup> Jan. 2024 to 30<sup>th</sup> Jun. 2024)*



## **Publishers**

Department of Electrical Engineering

## **Head of Department**

Dr. Jayant J. Mane

## **Editorial Board**

Prof. Suhas H. Mhabadi

Prof. Sudhir S. Wamane

Arun D. Balkate

Niraj N. Pandit

Pranav S. Janwalkar

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## List of Faculty/Staff Members in Department

### Faculty Members

Dr. Jayant J. Mane (HOD, Electrical)	Prof. Priya A. Potdar (Assistant Professor)
Dr. Sandeep D. Chawda (Associate Professor)	Prof. Sudhir S. Wamane (Assistant Professor)
Prof. Milind N. Tagare (Associate Professor)	Prof. Rupesh B. Ingale (Assistant Professor)
Dr. Aswant K. Sharma (Assistant Professor)	Prof. Vaibhav A. Sansare (Assistant Professor)
Prof. Suhas H. Mhabadi (Assistant Professor)	Prof. Prasad J. Kadam (Assistant Professor)
Prof. Nitin V. Kelkar (Assistant Professor)	Prof. Nikhil N. Kasar (Assistant Professor)
Prof. Mangesh S. Modak (Assistant Professor)	Prof. D. Rajeshkumar Reddy (Asst. Professor)

### Staff Member

Mr. Shreeprakash H. Hardikar (Lab-Assistant)  
Mr. Swapnil Mohite (Lab-Assistant)

## Department Vision

The department shall become foremost seat by imparting advanced and progressive education in electrical engineering along with excellent professional skills and character to meet industrial and social challenges.

## Department Mission

**M1:** To ascertain qualitative teaching learning process through art of teaching pedagogy and meticulous continual assessment.

**M2:** To provide a supportive environment that facilitates industrial exposure to produce quality engineers who will excel globally.

**M3:** To promote the versatile development of students through training of soft skills.

**M4:** To imbibe moral, ethical and social values among students.

## Program Specific Outcomes (PSOs)

**PSO1:** Students will be able to design, simulate and analyze electrical systems using software tools.

**PSO2:** Students will be able to understand, implement concepts of electrical systems through experiments and apply it to solve industry specific problems.

## Program Educational Objectives (PEOs)

**PEO1:** Students should be able to have a successful career or pursue higher studies to meet future challenges of technological development.

**PEO2:** Students should be able to pursue analytical and logical skills that will enable them to analyze and design Electrical Systems and its Controls.

**PEO3:** Students should be able to undertake research and development activities in emerging multidisciplinary fields.

**PEO4:** Students should be able to achieve professional and interpersonal skills by giving an opportunity as an individual as well as a team.

## Highlights of the Department

- The department has 14 faculty members and 02 Lab assistants.
- All faculty members have completed Post Graduation (ME or M. Tech), 03 faculty are having Doctoral Research Degree (Ph.D.), and 02 faculty members are pursuing Ph.D.
- Faculty members have completed their Post Graduations from renowned Engineering institutes like VNIT Nagpur, VJTI Mumbai, COEP Pune, COE Walchand Sangali, PVG COET Pune etc.
- Department Average Teaching Experience is 15 years.
- Published almost 65+ papers at National and 35+ papers at international level.
- State of Art and well equipped 08 Laboratories including 02 computer labs with 36 Computers. Computer Labs are equipped with MATLAB 2023a licensee software.
- Separate 21 computers are distributed in faculty members, classrooms, Department office, Project Lab and PLC Lab.
- 1 ICT classroom with Digital board, audio-visual and internet facilities, 2 classrooms with LCD projector and internet facilities are available.
- Computer Lab - A and B consists of 36 computers (Acer, Intel i5) with MATLAB, Sci-Lab, MP-Lab, Eagle software etc.
- Programmable Logic Controller Lab with 3 Micro-Logix 1400Series-B
- LAN Facility is available in Computer Labs. Free Wi-Fi facility is available.
- Department Library with 531books
- Video lectures of NPTEL courses conducted by all IITs (funded by MHRD, Govt. of India).
- Conduct varies Workshop/Training/ Bridge and Enrichment Courses for the students

### List of Laboratories:

Drives and Control Lab

Computer Lab -I

Switchgear and Protection Lab

Computer Lab -II

Electrical Measurement Lab

Control System Lab

Electrical Machines Lab

Power Electronics and Automation

## Programs Organized by the Department

### 1. One-Day Workshop on PID Controller & PLC Simulator – Essentials for Electrical Engineers

A One Day Workshop on PID Controller & PLC Simulator- Essentials for Electrical Engineers was held on 02<sup>nd</sup> March 2024 at Finolex Academy of Management & Technology (FAMT). Organized by FAMT's Electrical Engineering department, the workshop catered to diploma students from Govt. Polytechnic, Ratnagiri.

The workshop aimed to equip participants with a thorough understanding of vital tools and techniques in modern electrical engineering. In the inaugural session, **Dr. J. J. Mane**, the Head of the Electrical Engineering Department, outlined the workshop's goals and its role in shaping the future of Electrical Engineers. The workshop commenced with **Prof. P. A. Potdar** leading a session to explore a selection of kits available in the electrical department, all designed to enhance learning experience.

Following that, an in-depth session on PID controllers was conducted by **Prof. S. S. Wamane**, later on, **Prof. P. J. Kadam** engaged in hands-on activities simulating PLC operations and troubleshooting PLC-based systems. In the Python programming segment, **Prof. R. B. Ingle** introduced Python syntax, data structures, and libraries relevant to engineering applications.



Hod, Electrical Dr. J. J. Mane interacting with students

## 2. Industrial Visit to MSCOE, Karjat

The Finolex Academy of Management and Technology (FAMT) in Ratnagiri is committed to delivering industry-relevant education and arming students with the practical skills and knowledge necessary for today's ever-changing job market. In line with this dedication, the Electrical Engineering Department organized an Industrial Visit to the Mahindra Sustain Center of Excellence (MSCOE), Karjat from Feb. 27<sup>th</sup> to 28<sup>th</sup>, 2024

The primary aim of this excursion was to provide students with firsthand exposure to the renewable energy sector, with a particular emphasis on solar energy solutions and advancements. This visit catered to second and third-year electrical engineering students, offering them valuable insights into the operational processes, technologies, and sustainability initiatives implemented by Mahindra Sustain.

The initiatives and continuous follow-up taken by Prof. Sudhir S. Wamane made the visit possible for the students. Total of 38 students actively participated and shared positive Feedback.



**Students at Mahindra Sustain Center of Excellence (MSCOE), Karjat**

**3. Orientation of Standards Club under Bureau of Indian Standards and National Level Quiz on Quality and Standards 2.0, Govt. of India (BIS)**

Exciting News from the Standards Club!

We're proud to announce the establishment of the Standards Club in the Department of Electrical Engineering, supported by the Bureau of Indian Standards (BIS), Ministry of Consumer Affairs, Govt of India.

All SE students are now esteemed members of this club, dedicated to exploring, understanding, and promoting awareness about Indian Standards in both daily life and domain-specific knowledge.

On 27<sup>th</sup> February 2024, we held our inaugural activity: an orientation session from 3:15 PM to 4:15 PM. A fantastic turnout of 33 students joined us to learn about the club's objectives and operations.

During the session, our members also participated in the National Level Quiz on Indian Standards 2.0, showcasing their knowledge and dedication. They were rewarded with participation certificates to commemorate their involvement.

We're grateful to Prof. Nikhil Kasar, Assistant Professor in the Department of Electrical Engineering, for his mentorship and guidance in this endeavor.

Dr. Jayant Mane, HOD, Dept of Electrical Engineering guided the whole process of formation of the standard club.

Dr. Kaushal Prasad, Principal, FAMT has motivated and supported for setting up of the club. Stay tuned for more updates and exciting events from the Standards Club



**Students present during inaugural of Bureau of Indian Standards (BIS) Club formation,**

#### 4. EESA Celebrates Shivjayanti 2024

In a celebration that resonated with pride, reverence, and cultural fervor, the FAMT campus witnessed the grand observance of **Shivjayanti** on 19<sup>th</sup> February 2024. The day-long event, organized by various student associations in collaboration, unfolded with a plethora of activities and cultural performances.

The festivities commenced at the break of dawn as the symbolic Shivjyot, a sacred flame representing the spirit of Chhatrapati Shivaji Maharaj, was brought from the historic Ratnadurg Fort. A solemn tribute was paid at the iconic Shivaji Maharaj Statue at Maruti Mandir Circle before making its way to the FAMT campus. The entire procession was a sight to behold, with students, faculty members, and guests accompanying the Shivjyot with pride and devotion.

Upon its arrival at the campus, a vibrant Granth Dindi took place, featuring the traditional beats of dhol tasha. The procession included a Paalkhi carrying the idol of Shivaji Maharaj and Biography books on the Maratha warrior king. The event was graced by the presence of esteemed dignitaries, including Principal Dr. Kaushal Prasad Sir, Dr. Jayant Mane (HOD, Dept of Electrical Engineering), and faculty members of FAMT.



**Principal, FAMT, Dr. Kaushal Prasad performing Aarati on Shivjayanti**

## 5. Workshop on Model Based Development using MATLAB

On 10<sup>th</sup> February, 2024, Department of Electrical Engineering organized a workshop on Model-Based Development (MBD), an innovative approach in the field of Electrical Engineering.

This comprehensive workshop aimed to provide participants with an understanding of MBD principles, compare its effectiveness with traditional software development life cycles, explore essential tools, and delve into practical applications through various concepts like State Flow, Finite State Machines (FSM), Decision Tables, and unit testing. The workshop is related to Electric and Hybrid Electric Vehicles, a course extension activity.

Distinguished Alumnus, Advait **Halbe from Bosch** and experience from TCS, resource expert and Professor Dr A.K. Sharma, Dr J.J. Mane and Prof. P.J. Kadam actively contributed to the workshop, enriching the learning experience for all participants. The total number of participants from the second year is **41** and the e-certificates were provided to all the participants.



Students' participant with Distinguished Alumnus, Advait Halbe from Bosch

**6. Industry Expert Seminar by Prolific Technologies Pvt. Ltd. on “Importance of DCS and SCADA in Industrial Automation”**

The seminar on the importance of Distributed Control Systems (DCS) and Supervisory Control and Data Acquisition (SCADA) in industrial automation, organized by the Electrical Engineering Department of Finolex Academy of Management and Technology, aimed to provide attendees with valuable insights into these crucial technologies. The event was held on 9<sup>th</sup> February 2024 and witnessed active participation from 64 students. Prof. P. J. Kadam organized the event and Mr. Vivek Sardal, Regional Manager, Prolific Systems and Technologies Pvt. Ltd was the resource person for the same.

Event Objectives:

1. Advance Engineering Knowledge: The seminar aimed to deepen participants’ understanding of DCS and SCADA systems.
2. Cultivate Lifelong Learning: The event fostered a culture of continuous education and skill development in DCS and SCADA technologies.
3. Promote Modern Tool Usage: Practical demonstrations and case studies showcased the effective utilization of advanced DCS and SCADA tools.
4. Encourage Solution-Oriented Design: The seminar inspired attendees to design and develop innovative solutions tailored to industrial challenges,



**Mr. Vivek Sardal, Regional Manager, Prolific Systems and Technologies Pvt. Ltd addressing the students**

## 7. One-Day Training on the Protection of Power Systems and Switchgear

The Department of Electrical Engineering arranged a One-day Training Program on the Protection of Power Systems and Switchgear on 8<sup>th</sup> February 24 for the students of final-year Electrical Engineering. A total of 42 students and 03 faculty members participated in this program. FAMT, Ratnagiri has signed an MOU with M/s Shiemvolteh, Ratnagiri (official channel partner of Siemens, India). This program was conducted under said MOU.

During this training, students were explained contents like the need for a protection system, different types of faults, different types of relays, SLD of industry etc. The revolution of relays starting from electromechanical relays to numerical relays was discussed. The trainer Shri Gunjan Nehete enlightened the students on Substation automation-need, components, and benefits.

Shri Bhupen Patel Sales Head. WR region, Shri Ashish Deshpande, Technical Sales BD team and Shri Dhaval Mehta, Sales Manager from Siemens, Mumbai guided students on technical as well as Philosophical topics. They were all felicitated by HOD Electrical Dr. J. J. Mane. Special thanks were extended to Shri Chandrashekhar Shinde, Director, ShiemVoltech for his efforts to arrange this program. Prof. M.N. Tagare was the event coordinator and Lab assistant. Shri Swapnil Mohite assisted him in conducting of program. Felicitation of Ms. Ruchira Nagwekar alumna of FAMT and team of ShiemVoltech was also done at the end.



**HoD, Electrical welcoming Shri. Gunjan Nehete during inaugural of Training Program**

## 8. Industry Expert Lecture on Ethics and Financial Management for an Electrical Contractor

The Electrical Engineering Department of Finolex Academy of Management and Technology organized an insightful lecture on the topic “Ethics and Financial Management for an Electrical Contractor on 6<sup>th</sup> February 2024. This event aimed to provide third-year Electrical Engineering students with a comprehensive understanding of the opportunities and challenges in the field of electrical contracting.

Mr. Prasad J Kadam, the event coordinator, played a pivotal role in organizing and managing the proceedings of the lecture, ensuring its success. Guest Speaker, Mr. Sunil Wadekar, an esteemed industry expert in the field of electrical contracting who served as the resource person for the lecture. Mr. Wadekar provided valuable insights into the career path of an electrical contractor. Dr. Jayant J. Mane, the Head of the Electrical Engineering Department, graced the event with his presence and delivered a warm welcome address, highlighting the significance of the topic and the relevance of the lecture for the student’s academic and professional development. 44 students participated in the event.

Mr. Sunil Wadekar delivered an engaging and informative presentation, covering various aspects of a career as an Electrical Contractor. He elaborated on the importance of engineering knowledge in solving real-world problems encountered in electrical contracting projects.



**Mr. Sunil Wadekar and HoD, Electrical interacting with students**

### 9. One-Day Workshop on MATLAB Onramp Self-paced Training Course

One Day Workshop on MATLAB Onramp Self-paced Training Course. The Department of Electrical Engineering held a Workshop on MATLAB Onramp Self-paced Training Course February 05<sup>th</sup>, 2024. The event was organized by Prof. D. Rajeshkumar Reddy and with the support of Dr. Jayant J. Mane. Academic Online Training through Onramp provides a comprehensive and interactive introduction to the MATLAB programming language. The training equips users with a solid foundation to navigate the MATLAB environment and leverage its powerful capabilities. As an accessible and self-paced program, MATLAB Onramp is an invaluable resource for beginners seeking to enhance their proficiency in MATLAB for academic and research applications.

It provided final-year Electrical students with valuable learning experience and practical knowledge in the field of electrical engineering. The active participation of 35 students added to the overall success of the workshop.



**Prof. D. Rajeshkumar Reddy with students during Onramp MATLAB programming session**

## 10. Field Visit to Grundfos India's Innovative Solar Water Solutions for Rural Communities

The Electrical Engineering Department held a field visit to Grundfos solar water solutions on 02<sup>nd</sup> February 2024. This innovative system is designed to harness the power of the sun to provide reliable and sustainable water supply solutions. These solutions integrate advanced solar technology with Grundfos's expertise in pumping systems to offer efficient and environmentally friendly water solutions for various applications. The field visit was arranged by Prof. D. Rajeshkumar Reddy for the students of BE Electrical.

The Grundfos solar water solutions typically consist of solar panels, solar-powered pumps, control units, and storage tanks, all engineered to work seamlessly together to deliver a consistent water supply. The solar panels capture sunlight and convert it into electrical energy, which powers the pump to lift water from underground sources such as wells or boreholes. The control units optimize the system's performance, ensuring efficient operation even in varying weather conditions.



**Prof. D. Rajeshkumar Reddy with the students during field visit**

## 11. **One-Day Workshop on Major Project II Presentation and Industrial Project Management**

The Workshop on Major Project 2 and Industrial Project Management was arranged by the Electrical Engineering Department on January 30<sup>th</sup>, 2024. Prof. D. Rajeshkumar explored the fundamental principles, methodologies, and critical skills necessary for success in these domains. It provided final-year students with valuable learning experience and practical knowledge in the field of electrical engineering. The workshop provided B.E. Electrical Engineering students the insights into practical project management within industrial settings.

The event would not have been possible without the dedicated efforts of Mr. D. Rajeshkumar and the support of Dr. Mane J. J. The organizers extend their special thanks to Dr. Mane J. J., Head of the Electrical Department at FAMT, for his support and guidance in making the event a reality. The active participation of 37 students added to the overall success of the workshop



**Prof. D. Rajeshkumar Reddy interacting with students**

## 12. Three Days Workshop on Industrial Automation Covering Allen-Bradley PLC with Hands-on Practical

The three-day Workshop on Industrial Automation focused on providing participants with comprehensive knowledge and hands-on experience in working with Allen Bradley Micrologix 1400 PLCs. The workshop aimed to help student in Understanding PLC Fundamentals, Programming Skills, Practical Application and Troubleshooting and Maintenance for efficient PLC operations.

A total of 38 participants gained theoretical insights and practical exposure, enhancing their understanding of PLC programming and applications in industrial settings. The guidance of Prof. Prasad J Kadam, along with coordination from Prof. Nitin V. Kelkar and support from Dr. Jayant J. Mane, significantly contributed to the success of the workshop.

Feedback from participants indicated a strong grasp of fundamental PLC concepts and an appreciation for the practical hands-on sessions. The workshop effectively bridged the gap between theoretical knowledge and real-world applications, preparing participants for industrial automation challenges.



**Prof. Prasad J. Kadam sharing PLC insights to the students**

13. **Workshop on MATLAB & Simulink- 1**

A workshop on MATLAB Simulink was conducted by **Mr. Ankit Kumar**, Application Engineer Math Works Design Tech System, for the faculty of Department of Electrical Engineering. The important points that are covered in the workshop were as follows. Prof. Dr. J. J. Mane inaugurated the event. Prof. D. Rajeshkumar Reddy worked as event coordinator for the same. The workshop on MATLAB helped the faculty of Electrical Engineering with basic programming on MATLAB and interfacing with Hardware. Armed with this knowledge staff can prepare students to undertake more complex mini or major projects on MATLAB. This workshop would enable them to explore innovative applications and gain practical skills that will benefit them in their academic and professional careers.



**Dr. S. B. Kulkarni welcoming Mr. Ankit Kumar, Application Engineer  
Math Works Design Tech.**

## Faculty Achievements

### Workshop/Add-on Courses/Guest Lecture/Invited Talks Conducted

1. Prof. Sudhir S. Wamane and Prof. Prasad J. Kadam worked as a Resource for one day workshop on, “PID Controller & PLC Simulator- Essentials for Electrical Engineers was held on 02nd March 2024 at Finolex Academy of Management & Technology (FAMT), for the students of diploma students from Govt. Polytechnic, Ratnagiri.
2. Prof. Prasad J. Kadam and Dr. A. K. Sharma arranged a workshop on “Model-Based Development (MBD), On 10th February, 2024 for the students of Department of Electrical Engineering
3. Prof. Milind N. Tagare organized and coordinated One-day Training Program on, “Protection of Power Systems and Switchgear” on 8<sup>th</sup> February 24 for the students of final-year Electrical Engineering.
4. Prof. Prasad J. Kadam, Organized and co-coordinated an industry expert session on, “Ethics and Financial Management for an Electrical Contractor” for the students of Third year on 6<sup>th</sup> February 2024.
5. Prof. D. Rajeshkumar Reddy Organized a workshop on MATLAB on-ramp for the students of FAMT, on 05<sup>th</sup> February 2024.
6. Prof. D. Rajeshkumar Reddy conducted one day workshop on, Major Project 2 and Industrial Project Management,” for the Final year students on January 30th, 2024.
7. Prof. D. Rajeshkumar Reddy Organized a workshop on MATLAB and Simulink-I for the faculty members of FAMT, conducted by **Mr. Ankit Kumar**, Application Engineer Math Works Design Tech.
8. Prof. Prasad. J. Kadam conducted Three-day workshop on “Industrial Automation”, using Allen Bradley MicroLogix 1400 1766 series B PLC at FAMT, Ratnagiri.

### Faculty Development Programs (FDPs)/ Short Term Training Programs (STTPs)/ Workshops

1. Prof. Suhas H. Mhabadi Participated and successfully completed the NPTEL-AICTE Faculty Development Program on “**EV - Vehicle Dynamics and Electric Motor Drives**”, conducted by Ministry of Education, Govt. of India during Jan-March 2024.
2. Prof. Mangesh S. Modak Participated and successfully completed the NPTEL-AICTE Faculty Development Program on “**EV - Vehicle Dynamics and Electric Motor Drives**”, conducted by Ministry of Education, Govt. of India during Jan-Narch 2024.
3. Prof. Dr. Sandeep Chawda Participated and successfully completed the Faculty Development Program on “**Advancement in Electrical and Electronics Sciences-Yesterday, Today and Tomorrow**”, conducted Department of

## Department of Electrical Engineering, FAMT Ratnagiri

Electrical and Electronics Engineering, SVCET (A), Chittoor, Andhra Pradesh, during 26-30th March 2024.

4. Prof. Dr. Sandeep Chawda Participated and successfully completed the Faculty Development Program on “**Advancing Power Grid Operations: Integrating Renewable Sources and EVs at scale**”, organized by the Center for Emerging Energy Technologies, SR University, Warangal, India, during 20-24th May 2024.
5. Prof. Dr. Aswant Kumar Sharma Participated and successfully completed AICTE based Faculty Development Program on “**Clean and Green Technologies for Environment Sustainability**”, organized by the Electrical Engineering Department, NITTTR, Chandigarh, India, during 27-31st May 2024.
6. Prof. Sudhir S. Wamane Participated and successfully completed two days workshop on, “**NEP 2020 Sensitization -Train the trainers**”, held at Finolex Academy of Management & Technology, Ratnagiri., during 06-07<sup>th</sup> March 2024.
7. Prof. Suhas H. Mhabadi Participated and successfully completed two days workshop on, “**NEP 2020 Sensitization -Train the trainers**”, held at Finolex Academy of Management & Technology, Ratnagiri., during 06-07<sup>th</sup> March 2024.
8. Prof. Dr. Sandeep Chawda Participated and successfully completed two days workshop on, “**NEP 2020 Sensitization -Train the trainers**”, held at Finolex Academy of Management & Technology, Ratnagiri., during 06-07<sup>th</sup> March 2024
9. Prof. Rupesh B. Ingle Participated and successfully completed two days workshop on, “**NEP 2020 Sensitization -Train the trainers**”, held at Finolex Academy of Management & Technology, Ratnagiri., during 06-07<sup>th</sup> March 2024

## Faculty Publications

### International Journal

1. Dr. Aswant K. Sharma and Akshay K. Varak, “Fruit Sorting by Pizzo-electric Sensor and PLC Controlling”, in Asian Journal of Advances in Agricultural Research of. vol. 24, issue 6, doi:10.9734/ajaar/2024/v24i6512, ISSN: 2456-8864, May 2024, pp 48-56.
2. Prof. Sudip Haldar, “An Enhanced Path Finder Algorithm for the estimation of the stator current envelope to detect rotor bar breakage in an induction motor”, in international Journal of Measurement, ISSN: 0263-2241, doi.org/10.1016/j.measurement.2024.114317, Volume 227, March 2024.
3. Prof. Sudip Haldar, “A solution to multi Objective Stochastic Optimal Power Flow problem using mutualism and elite strategy based Pelican Optimization Algorithm”, in international Journal of Applied Soft Computing, doi.org/10.1016/j.asoc.2024.111548, ISSN: 1568-4946, Volume 158, June 2024

## NPTEL/ Coursera/ IBM Certification Courses

1. Prof. Suhas H. Mhabadi Successfully completed Swayam NPTEL Online Certification (Funded by MoE, Govt. of India) course with ELITE grade on “**EV - Vehicle Dynamics and Electric Motor Drives**” held in Jan- March 2024.
2. Prof. Mangesh S. Modak Successfully completed Swayam NPTEL Online

## Department of Electrical Engineering, FAMT Ratnagiri

Certification (Funded by MoE, Govt. of India) course with ELITE+ Silver grade on “**EV - Vehicle Dynamics and Electric Motor Drives**” held in Jan- March 2024.

3. Prof. Suhas H. Mhabadi successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
4. Prof. Milind N. Tagare successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
5. Prof. Dr. Jayant J. Mane successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
6. Prof. Nitin V. Kelkar successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024
7. Prof. Dr. Sandeep Chawda successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
8. Prof. Dr. Aswant Kumar Sharma successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
9. Prof. Priya A. Potdar successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024
10. Prof. Vaibhav A. Sansare successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
11. Prof. Rupesh B. Ingle successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
12. Prof. D. Rajeshkumar Reddy successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
13. Prof. Prasad J. Kadam successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical

## Department of Electrical Engineering, FAMT Ratnagiri

Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13th Jan 2024.

14. Prof. Mangesh S. Modak successfully completed certification, “**Getting Started with MATLAB & Simulink**”, organized by Department of Electrical Engineering, FAMT, Ratnagiri and conducted by Math Works at Design Tech System Pvt. Ltd. (Pune), during 12-13<sup>th</sup> Jan 2024.
15. Prof. Suhas H. Mhabadi successfully completed self-paced training course certification, “**MATLAB Onramp**”, offered by MathWork Training Services on 13<sup>th</sup> Jan 2024.

## Faculty Achievements/ Awards/ Recognition

1. Prof. Prasad J. Kadam along with four students have filed a Patent with Application No. 417725-001 to The Patent Office, Govt. of India on 22<sup>nd</sup> May 2024.
2. Prof. Dr. Aswant Kumar Sharma has written a book chapter titled Model Order Reduction of Battery for Smart Battery Management System in Book Titled, “Electric Vehicle Design: Design, Simulation and Applications,” published by Wiley on 17th April 2024 <https://doi.org/10.1002/9781394205097.ch6>
3. Prof. Mangesh S. Modak Successfully completed Swayam NPTEL Online Certification (Funded by MoE, Govt. of India) course with ELITE+ Silver grade on “EV - Vehicle Dynamics and Electric Motor Drives” held in Jan- March 2024.

**Placements**

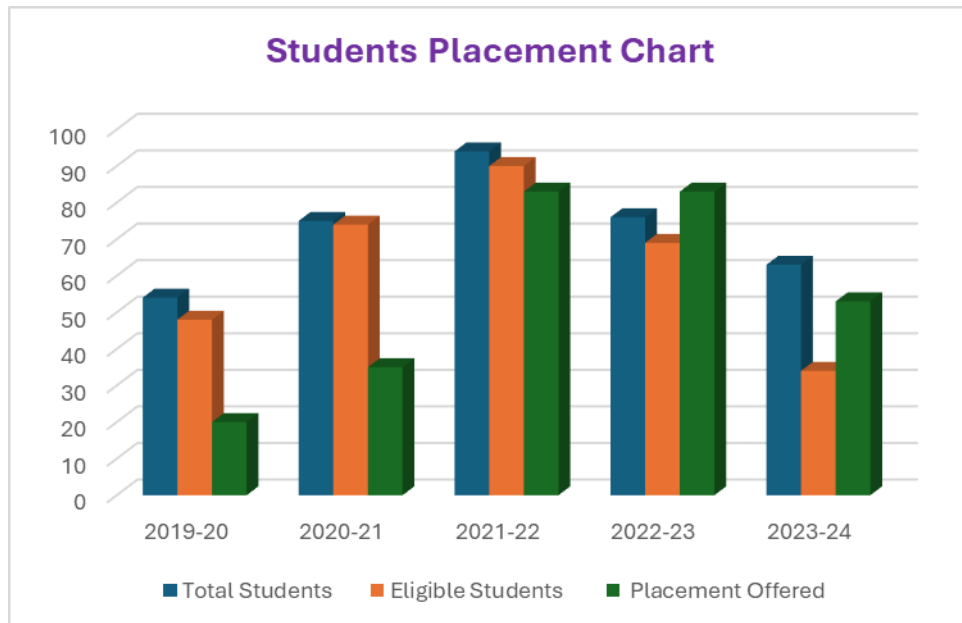
Hope Foundation's  
Finolex Academy of Management & Technology, Ratnagiri  
**Electrical Engineering Department**

**PLACEMENT RECORD**

**Table No. 01: Year-wise placement record**

<b>Academic Year</b>	<b>Total No. Students</b>	<b>Eligible Students for Placement</b>	<b>Total Placement Offered</b>
<b>2019-20</b>	54	48	20
<b>2020-21</b>	75	74	35
<b>2021-22</b>	94	90	83
<b>2022-23</b>	76	69	83*
<b>2023-24</b>	63	34	53*

(\* Indicates multiple placements considered)



**Figure No. 01: Placement record statistics**



# Finolex Academy of Management and Technology, Ratnagiri

(Approved by AICTE, Recognized by DTE and Affiliated to University of Mumbai)



## Electrical Engineering Placements A.Y. 2023-24




[www.famt.ac.in](http://www.famt.ac.in)

Congratulations to all placed students!

A Project of Hope Foundation- Finolex



# Our Recruiters





**FINOLEX ACADEMY OF MANAGEMENT & TECHNOLOGY, RATNAGIRI**  
**DEPARTMENT OF ELECTRICAL ENGINEERING**



### **Our Esteemed Entrepreneurs**



**Mr. Manish Apte**  
Founder of Ratnagreen Techno Services



**Mr. Ajinkya Jadhav**  
Founder of A J Engineers & Contractors



**Mr. Yash Patil**  
Founder of Dhiraj Electricals & Engineers



**Mr. Ninad Behere**  
Director at Dhruva Shipping Consultants & Services Pvt. Ltd.



**Mr. Umesh Chougale**  
Founder Director, and CEO of PowerZone Electro Systems



**Mr. Suraj Patil**  
Managing Director at Affordable Solar Energy Pvt. Ltd.





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**Electrical Safety Awareness Program**





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