



Hope Foundations'

FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI

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

ELECTRAZINE

E – Newsletter of

Electrical Engineering Department

Volume 7, Issue 1 (1st July 2021 to 31th Dec. 2021)



Publishers

Department of Electrical Engineering

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Dr. Sandeep Chawda

Editorial Board

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List of Faculty/Staff Members in Department

Faculty Members

Dr. Sandeep Chawada (HOD)

Prof. Sudhir S. Wamane (Assistant Professor)

Prof. Milind N. Tagare (Associate Professor)

Prof. Leslie Fernandes (Assistant Professor)

Prof. Suhas H. Mhabadi (Assistant Professor)

Prof. Priya A. Potdar (Assistant Professor)

Prof. Nitin V. Kelkar (Assistant Professor)

Prof. Vaibhav A. Sansare (Assistant Professor)

Prof. Jayant J. Mane (Assistant Professor)

Prof. Nilashri P. Sakhalkar (Assistant Professor)

Prof. Mangesh S. Modak (Assistant Professor)

Staff Member

Mr. Shriprakash H. Hardikar (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 11 faculty members
- All of them have completed Post Graduation (ME or M. Tech) and 1 faculty is pursuing Ph.D.
- They have completed their PG from renowned institutes like VNIT Nagpur, VJTI Mumbai, COEP Pune, COE Walchand Sangali, PVG COET Pune etc.
- Average Experience is of 13 years.
- Published almost 55+ papers at National level and 25+ papers at international level.
- Well-furnished and well equipped 8 Laboratories including 2 computer labs with 36 Computers.
- 3 Classrooms with minimum 80 students seating facility.
- Computer Lab - I and II consists total 36 computers with 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 to students.
- Department Library with 531books
- One smart classroom with LCD projector, OHP projector and LAN Facility
- 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:

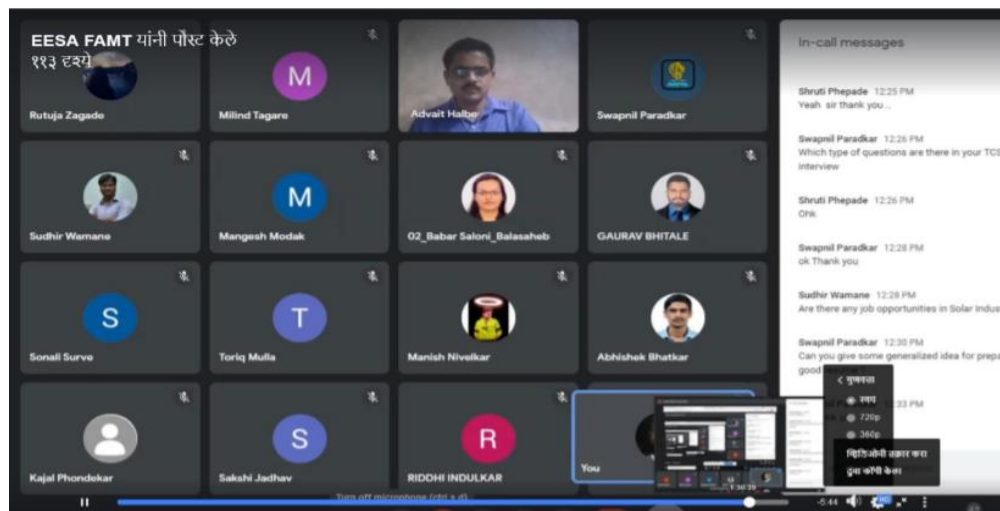
Drives and Control Lab	Computer Lab -I
Switchgear and Protection Lab	Computer Lab -II
Electrical Measurement Lab	Control System Lab
Electrical Machines Lab	Power Electronics and Automation Lab/ PLC Lab

Programs Organized by the Department

1. To disseminate the information regarding the opportunities for an Electrical Engineer in the Core and IT sectors, the Electrical Engineering Department organized a Course Enrichment Webinar on “Model-based Development” on Sunday, 18th July 2021. The Department alumnus, Mr Advait Halbe, System Engineer at TCS was the speaker. A total of 76 students were present for the program along with Dr. Sandeep Chawada, HoD and the faculty members.

Prof. M. N. Tagare welcomed and introduced Mr Advait Halbe. Mr Advait Halbe expressed his gratitude towards the teachers and department for their support during his tenure. He explained the different fields which are open for core Electrical Engineers and the job roles an electrical engineer can play in any core company. He elucidated job roles in the IT industry. In the later part of the discussion, information about the automotive industry was shared. The traditional development cycle and model-based development, their comparison, software development V cycle were discussed. The session was concluded with question answers.

Prof. Jayant Mane and Prof. M. N. Tagare coordinated the entire activity. Prof. Jayant Mane and Prof. Sudhir Wamane participated in the discussion. Sandeep S. Kulkarni, B.E. Electrical, designed the web poster of the event.

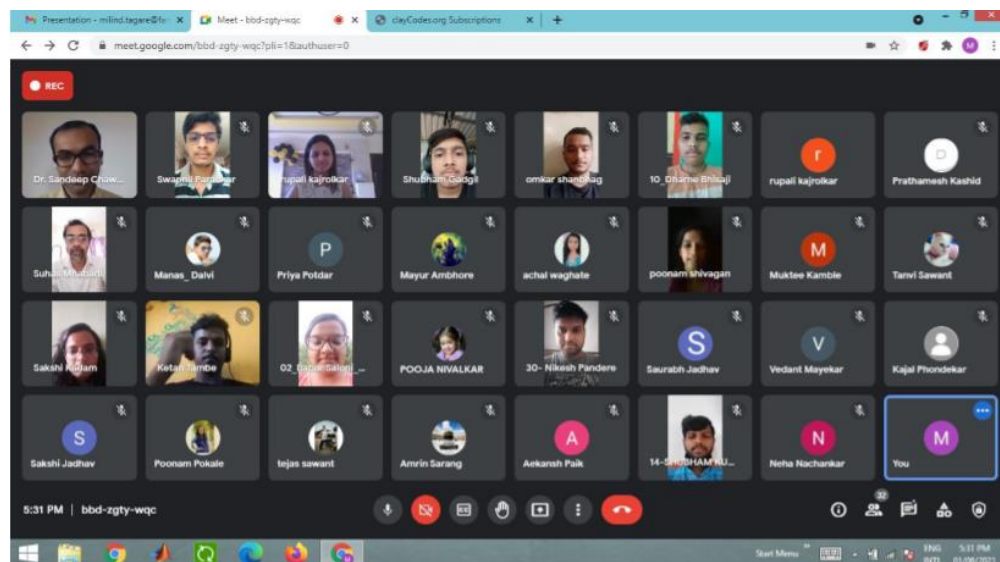


Screenshot of Course Enrichment webinar

- To give insight into the different Electrical projects and various activities involved therein, the Electrical Engineering Department organized a Webinar on “Electrical Engineering- Orientation towards Industry Solutions” on Sunday, 1st August 2021. The department alumnus Mrs. Rupali Chavan, Sr. Manager Electrical, Thyssenkrupp Industrial Solutions, Mumbai was the speaker. A total of 83 students were present for the program along with Dr. Sandeep Chawada, HoD and the faculty members.

Prof. M. N. Tagare welcomed and introduced Mrs Rupali Chavan. Mrs. Rupali has passed BE in Electrical from FAMT in 2005. She is working in ThyssenKrupp Industrial Solutions (formerly Uhde India) since 2013. She has expertise in many software like ETAP, Auto CAD, COMOS etc. During her presentation, Mrs. Rupali shared information on different types and nature of projects, standards followed interdisciplinary coordination. The typical component within the plants like switchyard, substation, pipe rack, lighting and consumers were thoroughly discussed. She further, elaborated the electrical activities like Design calculations, SLD, layout, MTO, 3d modeling procurements etc. In the last part of her presentation, the consumer list, different voltage levels, typical SLD and its components.

The students of TE and BE Electrical were invited to the program. Prof. Jayant Mane, Prof. Priya Potdar and Prof. M. N. Tagare coordinated the program. Prof. Priya Potdar expressed a vote of thanks. Sandeep S. Kulkarni, B.E. Electrical, designed the web poster of the event.

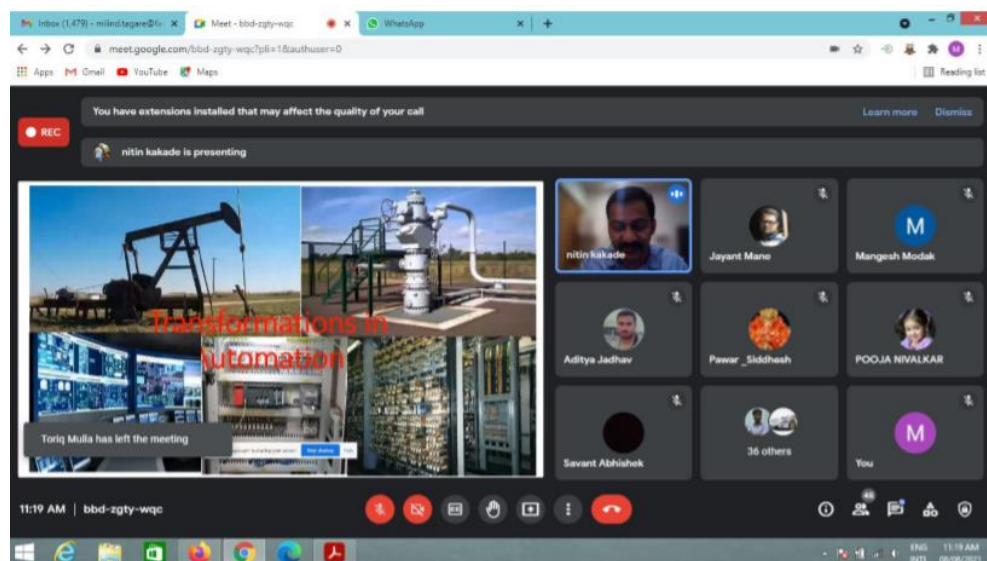


Screenshot of webinar on Electrical Engineering- Orientation towards Industry Solutions

3. With the advancement in digital control, the automation industry is growing at a much faster rate. To update students of Electrical Engineering about the changes in the automation industry, Electrical Department organized a webinar on 'Transformation in Industrial Automation' on Sunday, 8th August 2021. Initially, Prof. M. N. Tagare welcomed and introduced Shri Nitin Kakade. He is a distinguished alumnus of FAMT and he has passed BE Electrical in 2003. He has 18 years of experience in the area of Oil & Gas, Refinery, Power and Petrochemical industries. He is working as a Director of his new firm Kinian Techicas LLP.

During his presentation, Shri Nitin Kakade explained his struggle after graduation. Further, he discussed the transformations witnessed by the automation industry in the last 20 years. The levels of automation, PLC architecture, different IOs, HMI, different sensors and actuators were also discussed. The importance of DCS and its advantages over the old system was explained. Finally, he concluded the webinar by explaining different technologies like ICSS, IIOT, IT AND OT, cyber security etc. He satisfactorily responded to the questions of the audience at the end of the talk.

A total of 67 students attended the program along with faculty members from the department. Prof. Sudhir Wamane and Prof. M. N. Tagare coordinated the entire activity. Master Sandeep Kulkarni, alumnus of the department working in TCS, designed the digital poster of the event. Prof. Jayant Mane Dy. HOD, expressed a vote of thanks.



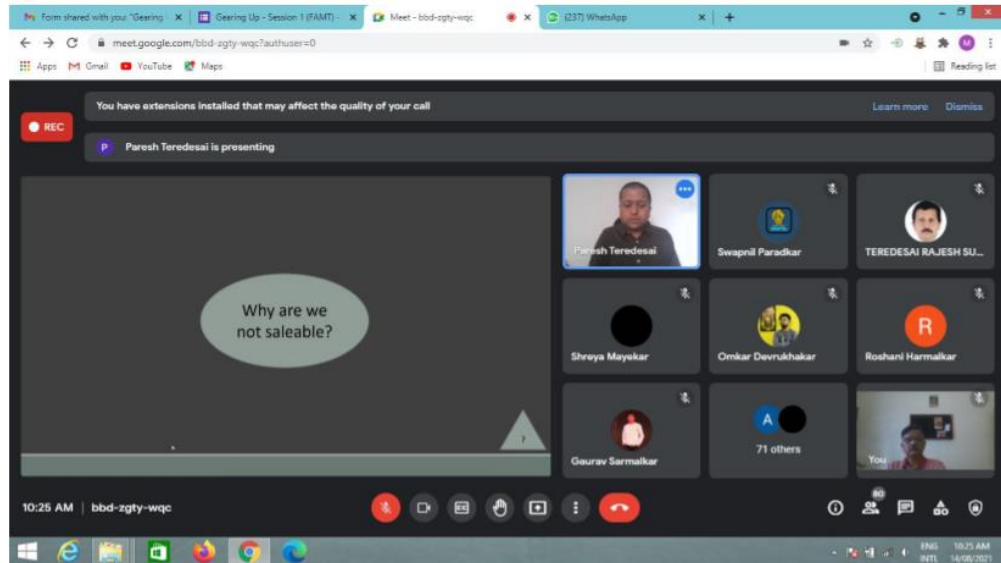
Screenshot of webinar on Transformation in Industrial Automation

4. Many recruiters have expressed their concern over the lack of various skills in budding Engineers. Given this, a Gearing up - Webinar Series is planned to educate students of the Electrical Engineering Department on various aspects of Employability. The first talk was organized on Saturday 14th August 2021. FAMT alumnus Shri. Paresh Teredesai was invited to deliver the talk.

Prof. M. N. Tagare welcomed and introduced Shri. Paresh Teredesai. He graduated in Mechanical Engineering in 2001 from FAMT and has completed ME from SP College, Andheri. He has also completed MBA in International Business Management. He has professional experience of 20 years and worked in sectors like Engineering services, IT services and product management. Presently he is working as a Product Owner at BlueConch Technologies, Pune.

Shri Paresh Teredesai motivated the students with a small video clip advocating believing in oneself, thinking positively, not giving up at any cost and working hard to be successful. Later, he explained the motive behind the webinar series. He explained concepts like employability, observations made during the interviews, competency and rules of H. Finally, Mr. Paresh briefly touched upon an overview of resume writing.

The students from TE and BE Electrical were invited to the program. A total of 81 students were present for the program along with faculty members from the department. Prof. M. N. Tagare and Prof. Sudhir Wamane coordinated the entire activity. The program ended with a vote of thanks. Alumnus Sandeep Sanjay Kulkarni, TCS designed the web poster for the event.



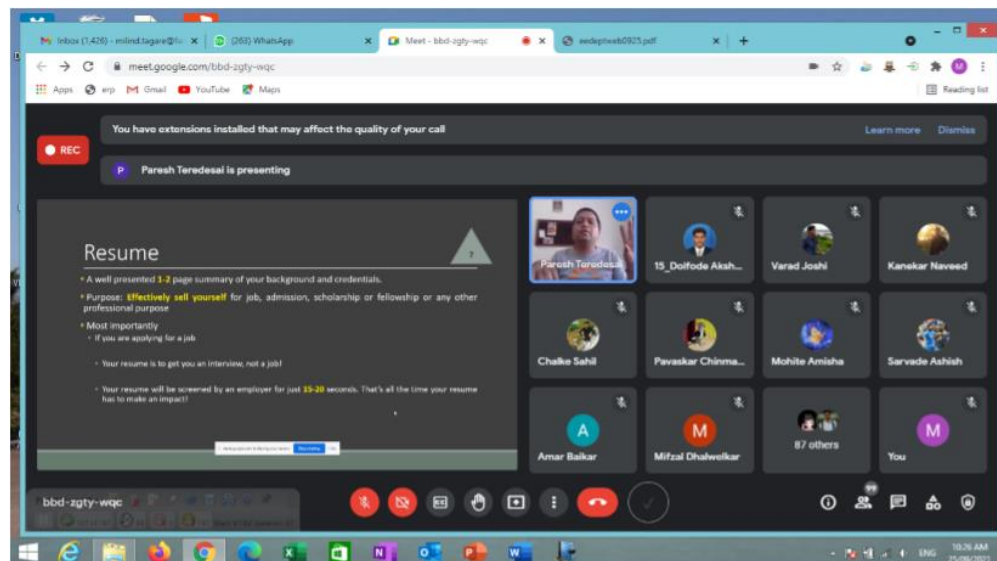
Screenshot of webinar on Employability

5. The second talk of the Gearing up - Webinar Series was delivered by Shri Paresh Teredesai on Saturday 25th September 2021. The session was on Resume Writing.

Initially, Prof. M.N.Tagare welcomed & introduced Mr Paresh Teredesai. Mr Paresh Teredesai has passed BE Mechanical in 2001 and has completed ME from SP College, Andheri. He has also completed MBA in International Business Management. He has professional experience of 20 years and worked in sectors like Engineering and IT services and product management. Presently, he is working as a Product Owner at Blue Conch Technologies, Pune.

Mr. Paresh discussed the important contents which were discussed in Phase I. Then, he explained the different stages of writing a resume. He advised students how to describe points like header, objective, education, project assignments, skills, certifications, achievements, and interests. He emphasized undertaking different projects, completing internships, and skills. The session ended with questions. The students expressed their satisfaction over the knowledge imparted.

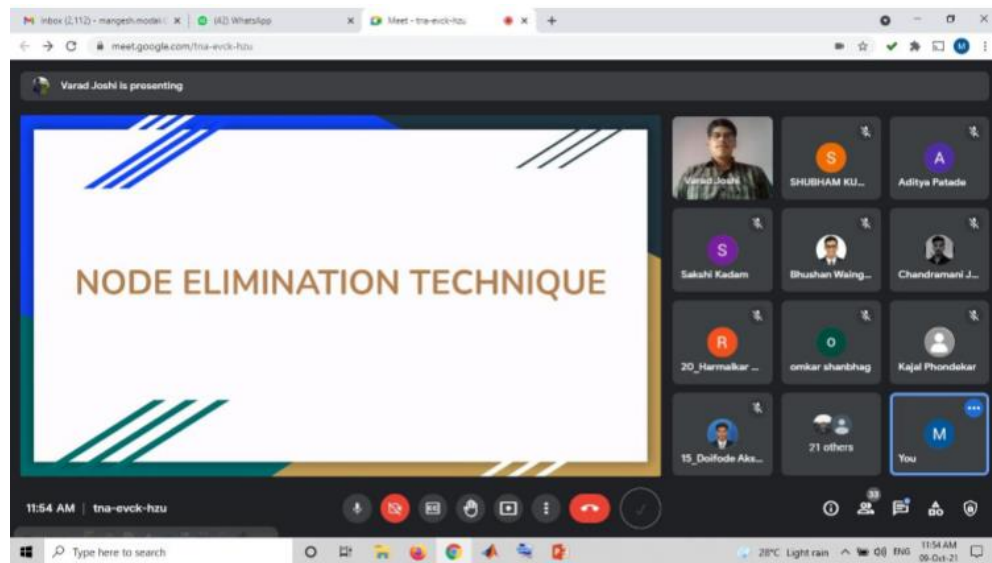
A total of 118 students from SE, TE, and BE attended the webinar. The Department Head, Dr. Sandeep Chawda was also present for the webinar. Prof. M. N. Tagare and Prof. V. A. Sansare coordinated the entire activity. The program ended with a vote of thanks. Alumnus Sandeep Sanjay Kulkarni, TCS, designed the web poster for the event.



Screenshot of webinar on Resume Writing

6. Electrical Engineering Student Association (EESA) virtually celebrated “Teacher’s Day” and “Engineer’s Day” on 09th October, 2021 to express gratitude and appreciation to the teachers and engineers. Teacher's Day and Engineer's Day is celebrated to pay tribute to Dr. Sarvepalli Radhakrishnan and Bharat Ratna Mokshagundam Visvevaraya on 5th September and 15th September respectively every year.

The students of B.E taught on this day by drafting a timetable and delivering online lectures for S.E to B.E. It was followed by a programme to celebrate the occasion. The programme commenced with lighting the lamp to offer prayers to Goddess Saraswati. A student-teacher interaction programme was arranged by the students wherein the students asked questions to the teachers.



Audio-visual presentation during Teacher’s Day and Engineer’s Day celebration

7. A One-week Online Faculty Development Programme (FDP) on “Challenges in Evolving Power Systems” was organized by the Department of Electrical Engineering from 22nd November 2021 to 27th November 2021.

The power system is continuously evolving to meet the rise in demand, integrate renewable energy, and meet the decarbonization goal posed by the government. The evolution inevitably introduces formidable challenges to the system. This could affect system operations and could be a potential threat to a reliable power supply. Therefore, an in-depth understanding of the changing system

is the need of the power industry. To address the evolving challenges and widen the understanding of academia, researchers, and industry, a one-week faculty development programme (FDP) was organized by the Department of Electrical Engineering. The experts from academia and industries, active in real-time research of power systems, discussed key challenges of power systems as per their expertise. The challenges associated with Renewable Energy Integration to Power Systems, Distributed Energy Resources, Power System Planning and Modelling, and Cyber security were notably covered in the FDP.

195 participants from academia and industry registered for the programme. There were 6 international registrations for the FDP. The FDP also received entries from the Institute of National Importance such as Indian Institute of Technology, Jodhpur, National Institute of Technology, Silchar, National Institute of Technology, Jaipur, National Institute of Technology, Durgapur, National Institute of Technology, Hamirpur, and IIT Bhubaneshwar. There were entries from renowned government and private universities, government, and private engineering institutes across India (12 states).

The inaugural ceremony of FDP started with a welcome to the Chief Guest, participants, and the faculty from FAMT and other institutes. It was followed by Saraswati Vandana by Prof. Priya Potdar. The Convener and Head of the Electrical Engineering Department, Dr. Sandeep Chawda gave the preamble of the FDP. The Chief Guest of the inaugural ceremony Dr. Kaushal Prasad, Principal, FAMT highlighted the necessity of keeping up the pace with changing energy needs and the role of academia in evolving energy scenarios. The ceremony concluded with a vote of thanks by Prof. Milind N Tagare (co-convener of the FDP).

The Day-1 session was delivered by Dr. Vivek Prakash (Postdoctoral Research Fellow, Faculty of Electrical Engineering and Computing (FER), University of Zagreb, Croatia). The topic of the session was 'Role of Active Neighborhoods in Fast Frequency Control'.

The second day of the FDP was engaged by Ms. Ankita Gaur (Researcher, MaREI, The SFI Research Centre for Energy, Climate and Marine University College Cork, Ireland) who explained the concepts and challenges of 'Power System Planning'.

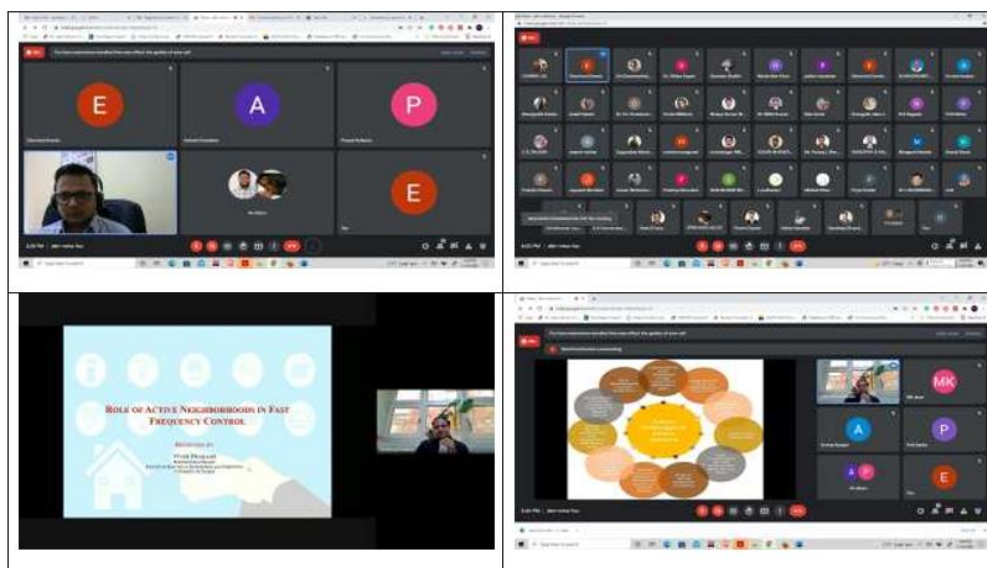
On the third day, Dr Rajvir Kaur, Assistant Professor, National Institute of Technology Puducherry, Karaikal delivered a session on 'Cyber Security in Power Systems'.

On day four, Dr. Priyanka Kushwaha, Energy Market Analyst at ICF

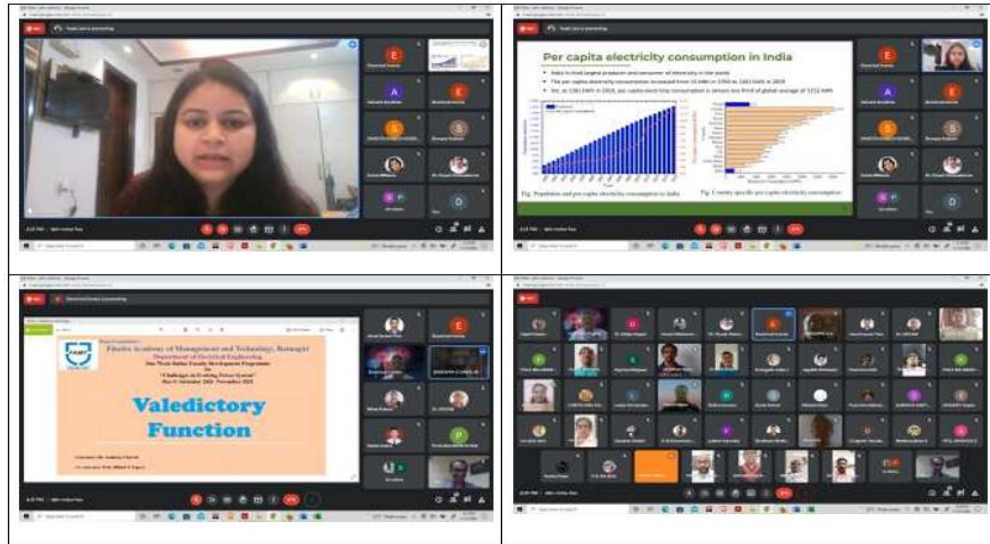
International, New Delhi delivered a session on ‘Frequency Response Scenario in Low Inertia Power Systems’. Frequency response in traditional power systems, Transition towards high RE integration, Ms. Meenakshi Khandelwal, Senior Research Fellow, Department of Electrical Engineering, Indian Institute of Technology Delhi delivered a session on ‘Challenges and Opportunities with the Penetration of DERs’.

On the last day of the FDP, Ms. Anjali Jain, Associate Fellow, The Energy and Resources Institute (TERI), New Delhi on ‘Evolving Power System of India and Modeling Challenges’ delivered the session..

Dr. Sandeep Chawda (Convener) presented a summary report of the FDP followed by a vote of thanks. Participants' enthusiastic and active involvement was appreciated and they were thanked for making the FDP successful. The vote of thanks was extended to the FAMT management Ms Aruna M Katara and the Head of the institution for motivation and extending financial support and guidance for the successful execution of FDP. Efforts of the entire organizing team were appreciated with special mentions of Prof. Milind Tagare, (co-convener), Prof. Vaibhav A Sansare, and Prof. Priya A Potdar for their consistent efforts in FDP. Guidance and support from Prof. Jayant J Mane (Deputy HOD, Electrical Engineering Department, FAMT) and Prof. Suhas H Mhabadi were appreciated for making the FDP successful. Finally, thanks were extended to Prof. Mangesh Modak, Prof. Nitin V Kelkar, Prof. Sudhir S Wamane, Prof. Leslie Fernandes, and Prof. Nilashi P Sakhlikar for their endless support.



Screen Shot of Inaugural ceremony and session 1



Screen shots of all the sessions with Valedictory Function

- Electrical Engineering Student’s Association organized a Webinar on 17th December, 2021 entitled “Scientific Calculator Training” to offer basic training to FE students on how to use a scientific calculator. More than 100 students participated in the programme through Google Meet and live YouTube streaming. Every engineering student considers Scientific Calculator as an academic lifesaver and EESA took the initiative to give a better understanding of how to use it for various calculations.

The event was hosted by Mr. Nikesh Pandere, a BE student and member of EESA, who introduced and pointed the need for a scientific calculator as an Engineer. The presentation was done by Mr. Swapnil Paradkar.

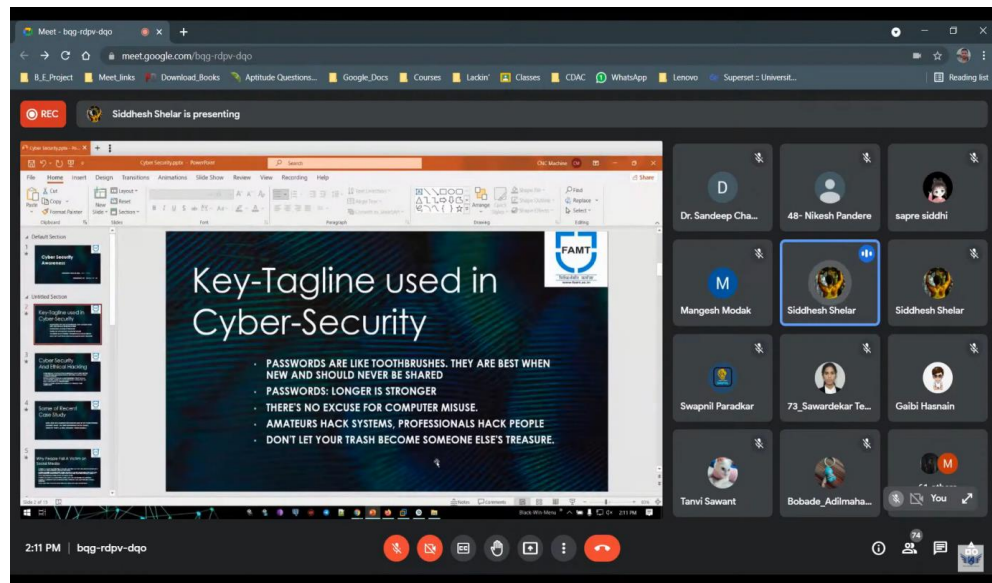


Screen shots of webinar on Calculator Training

9. Electrical Engineering Student Association organized a webinar on “Cyber Awareness” to spread awareness about how one’s internet presence can be manipulated and how to avoid it. Cyber Security is a concerning topic in the world of Internet and Mr. Siddhesh Shelar, a BE student of Electrical Engineering Department, took the initiative to spread awareness about it.

Mr. Siddhesh Shelar has many prestigious certifications in the field of Cyber Security. He is a Certified Ethical Hacker (CEH) & Offensive Security Certified Professional (OSCP) with a 6-year experience in ethical hacking & cyber security. Next, the speaker spoke about general terms related to Cyber Security which was followed by some case studies. While talking about case studies, the speaker shared some real life incidents where people had suffered. The speaker also addressed the platform, “Facebook”, which is most prone to affect one’s internet presence.

Students as well as Faculty asked their doubts to which the speaker was able to answer satisfactorily. The event was ended with a Vote of Thanks with a hope of another informative session.



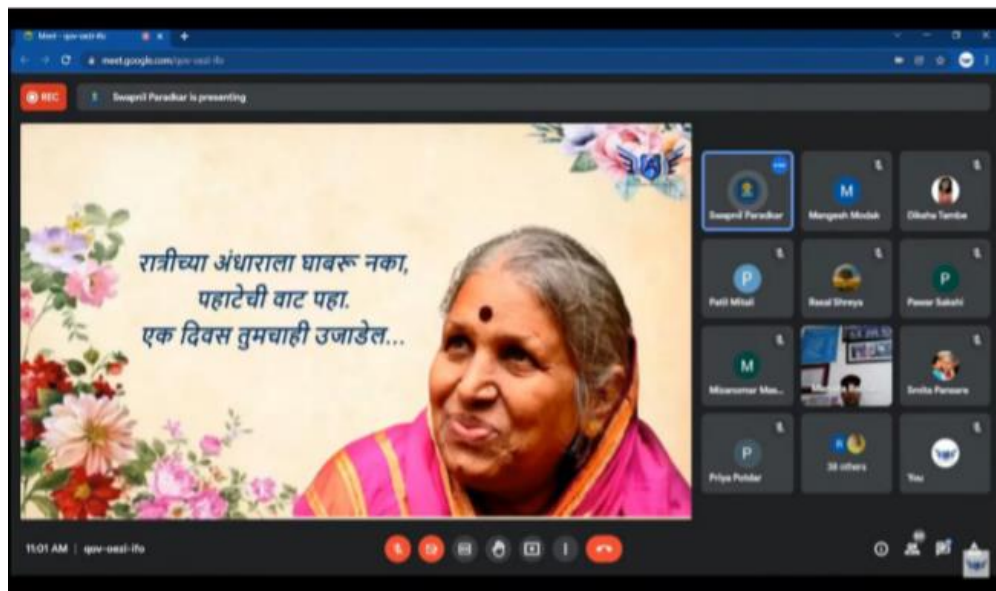
The speaker started with general notions one has to follow to secure one’s presence on the internet.

10. Electrical Engineering Student's Association organized a virtual event entitled "मातृवंदना" as a tribute to Late Sou. Sindhutai Sapkal. Maai's extraordinary work in the field of Social Welfare has given shelter to more than 1500 orphans. Her life is a perfect example of how much of difference can one person make. EESA invited Deepak Dada and Smita Tai Pansare as chief guests for this event. The event was hosted by Mr. Swapnil Paradkar, a BE student and Assi. Technical Head of EESA ,who started by addressing a line from "आई सारखे दैवत सार्ा जगतावर नाही", a poem by G. D. Madgulkar.

Deepak Dada, first child who Maai adopted, and Smita Tai, one of the others who Maai adopted, run the Mamta Bal Sadan in Pune. They consider themselves fortunate to have been found by Maai.

Later students were given the opportunity to present their art works dedicated to Maai. Muktee Kamble, G.R. of EESA, Pooja Nivalkar, TE student and Gaurav Bhitale, BE student read the poems they wrote and Pooja also presented her sketch of Maai.

The event was ended with a Vote of Thanks.



Audio-Visual presentation during the event

Faculty Achievements

Journal/Conference Publications

1. Prof. Dr. Sandeep Chawda published paper, entitled as “Bi-Level Approach for Load Serving Entity’s Sale Price Determination under Spot Price Uncertainty and Renewable Availability” in International Journal of Technology and Economics of Smart Grids and Sustainable Energy in Sept-2021.
2. Prof. Dr. Sandeep Chawda published paper entitled as “Dynamic Sale Price Setting for Load Serving Entity’s Risk based Profit Maximization” in Electric Power Systems Research (EPSR), Volume 201, in Dec-2021.

Book Publications

1. Prof. V. A. Sanasre published a book entitled “Power System-I” Technical Publication Pune in Nov-2021 with ISBN No: 978-93-90770-75-5
2. Prof. V. A. Sanasre published a book entitled “Energy Conservation” Technical Publication Pune in Nov-2021 with ISBN No: 978-93-90450-99-2

Invited Faculty Expert for FDP/STTP

1. Dr. Sandeep Chawda delivered a talk on “Uncertainty and Risk Management in Electricity Market: Challenges and Opportunities” during one week faculty development program on “Restructured Power System: Operation and Planning” organized by RIT-IEEE student branch, RIT-CTL and IEEE Bombay Section, on 23rd to 28th August 2021.
2. Dr. Sandeep Chawda delivered a talk on “Role of retailer in electricity markets” during one-week faculty development program on “Techno-Economic Assessment of Flexibility Competency in Deregulated Power System (TEAFCDPS2021)” organized by Department of Electrical Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur during September 20-24, 2021.

NPTEL/Coursera Certificate

1. Prof. V. A. Sansare successfully completed certification course offered by Coursera in “Renewable Energy Technology Fundamentals certificate” from University of Colorado Boulder in Dec. 2021.
2. Prof. S. S. Wamane successfully completed certification course offered by Coursera in “Managing Machine Learning Projects with Google Cloud” on Oct. 2021.

3. Prof. S. S. Wamane successfully completed certification course offered by Coursera in “Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning” from DeepLearning AI in Oct. 2021.
4. Prof. N. V. Kelkar successfully completed certification course offered by Coursera in “AI For Everyone” from DeepLearning AI in Oct. 2021.
5. Prof. J. J. Mane successfully completed certification course offered by Coursera in “Business Operations Support in Google Sheets” in July 2021.
6. Prof. J. J. Mane successfully completed certification course offered by Coursera in “How to Write a Resume (Project-Centered Course)” in July 2021.

Faculty Development Programs

1. Dr. Sandeep Chawda participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
2. Prof. S. H. Mhabadi participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Recent Trends in Power System Operation and Control”, organized by Government College of Engineering, Nagpur, during 12th- 16th July 2021.
3. Prof. S. H. Mhabadi participated and completed One week FDP on “Emerging Trends in Electric Vehicles and Infrastructure Development”, organized by IEEE Educational Activities committee, Bombay section, at RIT during 12th- 17h July 2021.
3. Prof. S. H. Mhabadi participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Sensors Applications through Internet of Things”, organized by University BDT College of Engineering, Belagavi during 20th- 24th Sept 2021.
4. Prof. S. H. Mhabadi participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
5. Prof. M. N. Tagare participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
6. Prof. M. N. Tagare participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Sensors Applications through Internet of Things”, organized by University BDT College of Engineering, Belagavi during 20th- 24th Sept 2021.
7. Prof. J. J. Mane participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
8. Prof. J. J. Mane participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Sensors Applications through Internet of Things”, organized by University BDT College of Engineering, Belagavi during

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9. Prof. N. V. Kelkar participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Sensors Applications through Internet of Things”, organized by University BDT College of Engineering, Belagavi during 20th- 24th Sept 2021.
 10. Prof. N. V. Kelkar participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Recent Trends in Power System Operation and Control”, organized by Government College of Engineering, Nagpur, during 12th- 16th July 2021.
 11. Prof. N. V. Kelkar participated and completed One week FDP on “Emerging Trends in Electric Vehicles and Infrastructure Development”, organized by IEEE Educational Activities committee, Bombay section, at RIT during 12th- 17h July 2021.
 12. Prof. N. V. Kelkar has participated in a Three Day online Skill Development Programme on “Software Tools in Electrical Engineering Systems” organized by Presidency University, Bengaluru. held from 16th August 2021 to 18th August 2021.
 13. Prof. N. V. Kelkar participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 14. Prof. M. S. Modak participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 15. Prof. M. S. Modak participated and completed ATAL One week FDP on “AI Solution for Optimum Utilization of Power and Energy” organized by NIT Srinagar, during 05th-09th July 2021.
 16. Prof. V. A. Sansare participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 17. Prof. V. A. Sansare participated and completed One week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Microgrid: A Path to Sustainability" during 20th December - 24th December 2021.
 18. Prof. V. A. Sansare participated and completed One week AICTE, ISTE sponsored National level Refresher Program on “Recent Advancements in Electric Vehicle Technology” conducted by G. H. Raisoni Institute of Engineering and Technology, Pune during 10th December - 16th December 2021.
 19. Prof. V. A. Sansare participated and completed One week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Power Electronics for Power systems" during 6th December - 10th December 2021.
 20. Prof. V. A. Sansare participated and completed One week AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Trends in Power System Operation and Control" during 12th July - 16th July 2021.
 21. Prof. V. A. Sansare completed One month industry internship on “IoT Project Development using Industry Grade Microcontroller” conducted by Anand

- Techno Creations, Satara from 28th June to 28th July 2021.
22. Prof. S. S. Wamane participated and completed ATAL Academy online FDP on “Recent Advances in Control Systems” conducted by Madan Mohan Malaviya University of Technology Gorakhpur, during 18th – 22nd October, 2021.
 23. Prof. S. S. Wamane participated and completed ATAL Academy online FDP on “ROBOTICS: The Machine Power for Industrial Automation” conducted by Sri Eshwar College of Engineering, during 15th – 19th November, 2021.
 24. Prof. S. S. Wamane participated and completed ATAL Academy online FDP on “Sensors Applications through Internet of Things” conducted by University BDT College of Engineering Belagavi, during 20th – 24th September, 2021
 25. Prof. S. S. Wamane participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 26. Prof. Leslie Fernandes participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 27. Prof. N. P. Sakhalkar participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 28. Prof. P. A. Potdar participated and completed One week FDP on “Challenges in Evolving Power System”, organized by Finolex Academy of Mgmt. & Tech, Ratnagiri, during 22th- 27th Nov 2021.
 29. Prof. R. B. Ingale participated and completed AICTE Training and Learning (ATAL) Academy One week FDP on “Fundamentals of Electric Vehicle Technology”, organized by IIIT Bhagalpur, during 06th to 12th Dec 2021.
 30. Prof. R. B. Ingale participated AICTE Training and Learning (ATAL) Academy Three days workshop on “Embedded Systems - An Application Driven Approach”, organized by STMICROELECTRONICS and ARM EDUCATION, during 25th – 27th August 2021.

Certification Courses

1. Prof. S. H. Mhabadi Completed Certification Program on “Advance Cyber Security– Threats and Governance” conducted by Great Learning Academy, held in October, 2021.
2. Prof. S. H. Mhabadi Completed Certification Program on “Artificial Intelligence Project” conducted by Great Learning Academy, held in October, 2021.
3. Prof. S. H. Mhabadi Completed Certification Program on “Introduction to Cyber Security” conducted by Great Learning Academy, held in Sept, 2021.
4. Prof. S. H. Mhabadi Completed Certification Program on “Python Fundamentals for Beginners” conducted by Great Learning Academy, held in Sept, 2021.
5. Prof. S. H. Mhabadi Completed Certification Program on “Python for Machine Learning” conducted by Great Learning Academy, held in October, 2021.
6. Prof. S. H. Mhabadi Completed Certification Program on “Python Project” conducted by Great Learning Academy, held in Dec, 2021.

7. Prof. S. H. Mhabadi Completed Certification Program on “Introduction to Machine Learning with Sound” conducted by IBM Developer Skills Network, held in 10th Oct 2021.
8. Prof. S. H. Mhabadi Completed Certification Program on “Machine Learning with R” conducted by IBM Developer Skills Network, held in 08th Oct 2021.
9. Prof. S. H. Mhabadi Completed Certification Program on “Machine Learning with Python” conducted by IBM Developer Skills Network, held in 08th Oct 2021.
10. Prof. J. J. Mane Completed Certification Program on “AI for ALL” conducted by Digital India, Intel, held in Sept. 2021
11. Prof. J. J. Mane completed One day “Session on Digitization as an innovation and startup Ecosystem Enablers from the State Level” under the Institute Innovation Council (IIC) activity organized by Sinhagad Institute of Management and Computer Application (SIMCA), Pune, 25.07.2021.
12. Prof. J. J. Mane completed One day “Session on Prototype Development Validation- Converting Prototype into a Startup” under the Institute Innovation Council (IIC) activity organized by Sinhagad Institute of Management and Computer Application (SIMCA), Pune, 25.07.2021.
13. Prof. J. J. Mane completed One day “Session on Angel Investment/VC funding opportunity for Early Stage Entrepreneurs” under the Institute Innovation Council (IIC) activity organized by Sinhagad Institute of Management and Computer Application (SIMCA), Pune, 25.07.2021
14. Prof. S. S. Wamane Completed Certification Program on “Managing Machine Learning Projects with Google Cloud” conducted by Google Cloud, held in October, 2021.
15. Prof. N. V. Kelkar Completed Certification Program on “Statistics for Machine Learning” conducted by Great Learning Academy, held in Dec, 2021.
16. Prof. N. V. Kelkar Completed Certification Program on “AI for ALL and AI Appreciate” conducted by Digital India, Intel, held in Nov. 2021.
17. Prof. N. V. Kelkar Completed Certification Program on “AI for ALL and AI Aware” conducted by Digital India, Intel, held in Nov. 2021
18. Prof. S. S. Wamane Completed Certification Program on “Introduction to Tensor Flow for Artificial Intelligence, Machine Learning and Deep Learning” conducted by deeplearning.ai, held in October, 2021
19. Prof. S. S. Wamane Completed Certification Program on “Neural Networks and Deep Learning” conducted by Great Learning Academy, held in October, 2021.
20. Prof. S. S. Wamane Completed Certification Program on “Data Science Projects” conducted by Great Learning Academy, held in October, 2021.
21. Prof. S. S. Wamane completed Certification Program on “Face Detection with Open CV in Python” conducted by Great Learning Academy, held in September, 2021.
22. Prof. S. S. Wamane Completed Certification Program on “Artificial Intelligence Projects” conducted by Great Learning Academy, held in September, 2021.

23. Prof. S. S. Wamane Completed Certification Program on “Introduction to Ethical Hacking” conducted by Great Learning Academy, held in September, 2021.
24. Prof. S. S. Wamane Completed Certification Program on “Advanced Cyber Security – Threats and Governance” conducted by Great Learning Academy, held in September, 2021.
25. Prof. S. S. Wamane Completed Certification Program on “Python Fundamentals for Beginners” conducted by Great Learning Academy, held in September, 2021.
26. Prof. S. S. Wamane Completed Certification Program on “Python for Machine Learning” conducted by Great Learning Academy, held in September, 2021.
27. Prof. S. S. Wamane Completed Certification Program on “Introduction to Cyber Security” conducted by Great Learning Academy, held in September, 2021.
28. Prof. S. S. Wamane Completed Certification Program on “Introduction to Machine Learning with Sound” conducted by Cognitive Class, held in October, 2021.
29. Prof. S. S. Wamane Completed Certification Program on “Machine Learning with Python” conducted by Cognitive Class, held in October, 2021.
30. Prof. S. S. Wamane Completed Certification Program on “Machine Learning with R” conducted by Cognitive Class, held in October, 2021.
31. Prof. S. S. Wamane completed 49 Learning hours for various certification programs conducted by IBM Skills Build, held in October, 2021.
32. Prof. S. S. Wamane Earned Learning Badge for “Cyber Security Fundamentals” conducted by IBM Skills Build, held in October, 2021.
33. Prof. V. A. Sansare completed Certification Program on “Python Fundamentals for Beginners” conducted by Great Learning Academy, held in Sept, 2021.

Placements

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

PLACEMENT RECORD

Table No. 01: Year-wise placement record

Academic Year	Total No. Students	Eligible Students for Placement	Total Placement Offered
2018-19	76	69	34
2019-20	54	48	20
2020-21	75	74	35

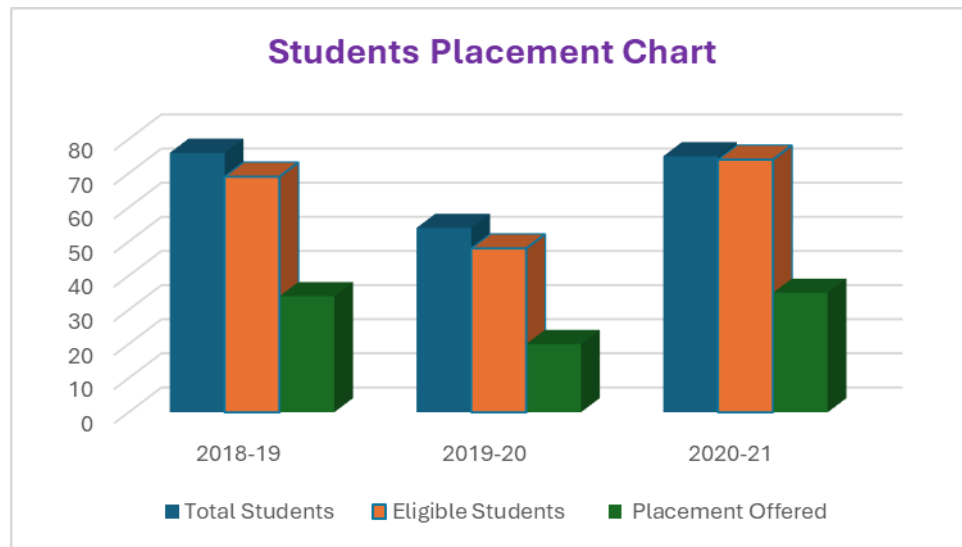


Figure No. 01: Placement record statistics