

Name Miss Vrishali Vijay Nimbalkar

Designation Assistant Professor

Department Computer Science and Engineering (Cyber Security)

Date of Joining the Institute 03/07/2000

Education PhD Pursuing in Machine Learning & Deep Learning, Computer Science & Engineering Dept., MIT, Manipal, Udupi, Karnataka.

Master of Engineering in Microelectronic Systems, Indian Institute of Science, Bangalore, July 2009.

Bachelor of Engineering in Electronics Engineering, Karmveer Bhaurao Patil College of Engineering, Satara, Shivaji University, June 1999.

Branch / Specialization Computer Science and Engineering/Machine Learning & Deep Learning, Electronics Engineering/Microelectronic Systems

Areas of Interest / Research Interest Machine Learning, Deep Learning, Federated Learning, Artificial Intelligence, Python Programming, Computer Organization & Architecture, Microprocessor, Digital System Design, VLSI Design, Integrated Circuit Design, Embedded Systems.

Email vrishali.nimbalkar@famt.ac.in

Personal Homepage link <https://vrishalinimbalkar.wordpress.com/>



Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 01/01/2010 to till date	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	From 03/07/2000 to 31/12/2009	Lecturer
Government Polytechnic, Ratnagiri	From 09/08/1999 to 30/03/2000	Visiting Lecturer

Total Experience – 24 years

Papers Published

Papers Published in National / International Journals - 03

International Journals – 03

Research Article published in Journal of Information Systems Engineering and Management titled **Deep Mamba Siamese Network with Feedforward Layers for Robust Online Signature Verification, 2025, 10(33s), e-ISSN: 2468-4376**

Paper titled **Smart Helmet for Accident Detection and Prevention** published in International Journal of Management Technology and Engineering, ISSN NO : 2249-7455.(Paid)

Paper titled **Partially Adaptive Cluster Based Routing for Network-on-Chip** published in ASIAN JOURNAL OF CONVERGENCE IN TECHNOLOGY, Volume-II, Issue III, AJCT ISSN : 2350 - 1146. (Paid)

Papers Presented/Published in National/ International Conferences - 03

International Conferences – 02

Paper Presented in an **International conference** titled **Online Signature Recognition using Transformer Networks** in 06th International Conference on Advances in Science and Technology **08th to 09th December 2023 at K. J. Somaiya Institute of Technology, Sion, Mumbai.** (Paid). 979-8-3503-5981-7/23/\$31.00 ©2023 IEEE.

Paper Presented in an **International conference** titled **In-Channel Flow Control Scheme for Network-on-Chip** in 13thEuromicro Conference on Digital system Design: Architecture Methods and Tools, held on **1st to 3rd September 2010 in Lille, France.** (Paid)

Paper Published in conference proceedings, by **IEEE Computer Society**, pp 459 to 466, **ISBN : 978-0-7695-4171-6**

National Conferences – 01

Paper presented titled **Partially Adaptive Cluster Based Routing for Network-on-Chip** at 2nd National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, on **17th and 18th February 2016, Ratnagiri.** (Paid)

Paper Published in Conference proceedings **ISBN: 978-93-83046-31-7**, pp 142 to 146.

Awards / Honors / Prizes / Achievements

Recognized as **NPTEL Disciplined Star** for July-December 2025, a certificate given by IIT Madras for successfully completing Deep Learning and such multiple courses under NPTEL.

Topper 2%, Elite Gold certificate awarded by **IIT Madras, in NPTEL** online course exam on **Deep Learning, a 12 week online course**, during July 2025 to October 2025, conducted by IIT Ropar, funded by MoE, Govt. of India.

Elite Silver certificate awarded by **IIT Madras, in NPTEL** online course exam on **Research Methodology, an 08 week online course**, during July 2025 to September 2025, conducted by IIT Madras, funded by MoE, Govt. of India.

Elite certificate awarded by **IIT Madras, in NPTEL** online course exam on **Patent Drafting for Engineers, a 04 week online course**, during July 2025 to August 2025, conducted by IIT Madras, funded by MoE, Govt. of India.

Elite certificate awarded by **IIT Madras, in NPTEL** online course exam on **Introduction to Machine Learning, a 12 week online course**, during January 2025 to April 2025, conducted by IIT Madras, funded by MoE, Govt. of India.

Topper 1%, Elite Gold certificate awarded by **IIT Madras, in NPTEL** online course exam on **Technical Communication for Engineers, a 04 week online course**, during July 2024 to August 2024, conducted by IIT Madras, funded by MoE, Govt. of India.

Elite certificate awarded by **IIT Kanpur, in NPTEL** online course exam on **Introduction to C Programming, an 08 week online course**, during January 2024 to March 2024, conducted by IIT Kanpur, funded by MoE, Govt. of India.

Elite certificate awarded by **IIT Guwahati, in NPTEL** online course exam on **Fundamentals of Artificial Intelligence, a 12 week online course**, during 25th July 2023 to 16th October 2023, conducted by IIT Guwahati, funded by MoE, Govt. of India.

Awarded **Certificate of Excellence in Industrial Internship IoT Project Development using Industry Grade Microcontroller**, a one month Virtual Internship cum Training Program, Anand Technocreations in collaboration with NRIT-Incubation Centre Funded by Govt. of Maharashtra and MSME Govt of India, during 28th June 2021 to 28th July 2021.

Achieved **Gold Medal certification, top 5% toppers list, in NPTEL** exam of **C Programming and Assembly Language**, a 4 week online course conducted by IIT Madras, during July 2019 to August 2019.

Achieved **Gold medal, top 1% toppers list, in NPTEL** exam of **Switching Circuits and Logic Design**, a 12 week online course conducted by IIT Kharagpur, during July 2018 to October 2018.

Achieved **Gold medal certification, top 5% toppers list, in NPTEL** exam of **Basic Electronics**, a 12 week online course conducted by IIT Madras, during January 2018 to April 2018.

Elite certificate awarded by **IIT Madras, in NPTEL** online course exam on **Basic Electrical Circuits, a 8 week online course**, during July 2017 to September 2017, conducted by IIT Madras.

Awarded a cash prize of **Rs.35000/-**, by late **Shri. P.P. Chhabria**, Founder, Finolex Academy of Management and Technology for **presenting a paper in an International Conference "13th EUROMICRO Conference on Digital System Design: Architecture Methods and Tools"**, held in Lille, France on **1st to 3rd September 2010**.

Students projects Guided at UG/PG/Doctoral Level

Projects Guided at UG Level for past three years

Deep Mamba Siamese Network with Feedforward Layers for Robust Online Signature Verification
Online Signature Recognition using Transformer Networks.
IOT Based Smart Check Weigher Data System.
IOT Based CNC Machine Monitoring System.

Number of Workshops, Seminars, STTPs, FDPs Attended – 76

STTP / FDPs

A twelve week **NPTEL FDP** on **Deep Learning**, during **July 2025 to October 2025**, conducted by IIT Ropar, funded by MoE, Govt. of India.

An eight week **NPTEL FDP** on **Research Methodology**, during **July 2025 to September 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

A four week **NPTEL FDP** on **Patent Drafting for Beginners**, during **July 2025 to August 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

A One week **ISTE-STTP** on **Generative AI: Use Cases in Various Businesses**, during **30th June 2025 to 05th July 2025**, conducted by Thadomal Sahani Engineering College, Mumbai.

A One week **ISTE-FDP** on **Recent Trends in Education Technology**, during **23rd June 2025 to 27th June 2025**, conducted by Information Technology Department, FAMT.

A two day national **FDP** on **Exploring Avenues for Excellence through Sponsored Research, Funding, and Grants**, during **08th and 09th May, 2025**, organized by department of Electronics and Telecommunication Engineering, FAMT, Ratnagiri.

A One week national **FDP** on **AI Tools**, during **17th February 2025 to 21st February 2025**, conducted by Brainovision Solutions India Pvt. Ltd., in collaboration with AICTE.

A twelve week **NPTEL FDP** on **Introduction to Machine Learning**, during **January 2025 to April 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

A four week **NPTEL FDP** on **Technical Communication for Engineers**, during **July 2024 to August 2024**, conducted by IIT Madras, funded by MoE, Govt. of India.

A one week National level **STTP** on **Deep Learning and Big Data Analytics Tools**, from **08th July 2024 to 12th July 2024**, conducted and organized by , AI & DS Department of Datta Meghe College of Engineering, Mumbai.

A eight week **NPTEL FDP** on **Introduction to C Programming**, during **24th January 2024 to 23rd March 2024**, conducted by IIT Kanpur, funded by MoE, Govt. of India.

A One week **ATAL-FDP on Deep Learning and Its Applications**, conducted by AICTE Training and Learning Academy, organized by Shah & Anchor Kutchhi Engineering College, during **16th December 2024 to 21st December 2024**.

A five days **International-FDP on Gen-AI & Prompt Engineering Using Microsoft Co-Pilot**, conducted by ExcelR EdTech. Pvt. Ltd., and organized by BNM Institute of Technology, Bangalore and Marwadi University, Rajkot , during **16th September 2024 to 20th September 2024**.

A twelve week **NPTEL FDP on Fundamentals of Artificial Intelligence**, during **25th July 2023 to 16th October 2023**, conducted by IIT Guwahati, funded by MoE, Govt. of India.

A one week **FDP on Universal Human Values-I**, conducted by Training and Learning Bureau, All India Council for Technical Education, New Delhi, during **05th June 2023 to 09th June 2023**.

A one week **PDP on Programming in C**, conducted by NITTTR Chennai, Ministry of Education, Govt. of India, during **08th May 2023 to 12th May 2023**.

A one week **ISTE approved FDP on Data Analytics and Visualization**, organized by Thadomal Sahani Engineering College, Mumbai, during **12th December 2022 to 17th December 2022**.

A 12 week **FDP on Introduction to Machine Learning**, conducted by Indian Institute of Technology, Madras, during **25th July 2022 to 16th October 2022**.

A One week **FDP on Recent Trends in Cyber security and Blockchain Technology**, conducted by Oriental Institute of Science and Technology, Bhopal, during **28th June 2022 to 02nd July 2022**.

A one week **STTP on Recent Trends in Information Technology**, conducted by IT Department, Finolex Academy of Management and Technology, during **16th May 2022 to 20th May 2022**.

A 12 week **NPTEL FDP on Joy of Computing Using Python**, conducted by IIT Madras, during **24th January 2022 to 24th April 2022**.

A One week **ATAL-FDP on Computational Foundation for Data Sciences**, conducted by Banaras Hindu University, during **26th July 2021 to 30th July 2021**.

A One week **ATAL-FDP on Artificial Intelligence and Conceptualization of Algorithms using Python**, conducted by IITM Bangalore, during **12th July 2021 to 16th July 2021**.

A One week **ATAL-FDP on Machine Learning Concepts with Python**, conducted by Government Polytechnique Gandhinagar, during **05th July 2021 to 09nd July 2021**.

A one week **ATAL-FDP on Industry Oriented FDP on Artificial Intelligence**, conducted by MSME-Technology Development Centre(PPDC), Meerut, during **07th June 2021 to 11th June 2021**.

A 15 days **FDP on System Design Methodologies for Embedded, IoT, AI & HPC using Intel FPGA**, conducted by Indian Institute of Guwahati, Electronics & ICT Academy, supported by Ministry of Electronics and Information Technology, Govt. Of India, during **19th April 2021 to 30th April 2021**.

A One week **ATAL-FDP on Blended and Flipped Approach in Teaching and Learning**, conducted by AICTE Training and Learning Academy (ATAL), National Institute of Technical Teachers Training and Research, Chandigarh, during **31st August 2020 to 04th September 2020**.

A One week **ATAL-FDP** on **Blended and Flipped Approach in Teaching and Learning**, conducted by AICTE Training and Learning Academy (ATAL), National Institute of Technical Teachers Training and Research, Chennai, during **24th August 2020 to 28th August 2020**.

A three days **FDP** on **Cyber Security**, conducted by ATS Learning Solutions, organized by ENTC Dept FAMT, during **23rd June 2020 to 26th June 2020**.

AICTE approved **one week STTP** on **Recent Trends and Applications of Machine Learning and Deep Learning Algorithms in Information Technology**, organized by RAIT, Dept of Information Technology, Navi Mumbai, during 25th May 2020 to 29th May 2020.

A 4 week **FDP** on **C Programming and Assembly Language**, conducted by IIT Madras, during **29th July 2019 to 24th August 2019**.

A 12 week **FDP** on **"Switching Circuits and Logic Design"** organized by **IIT Kharagpur** during **28th July 2018 to 28th October 2018**.

A **AICTE-ISTE** approved **one week STTP** on **"Digital Image Processing-Issues, Challenges and Research Avenues"**, held on 4th June to 8th June 2018, organized by Department of Electronics Engineering and Department of Electronics and Telecommunication Engineering, FAMT, Ratnagiri.

ISTE approved **one week STTP** on **"Designing IOT Based Applications for Smart Cities"**, from 29th January to 02nd February 2018, organized by Department of IT, FAMT and conducted by FICE, Bangalore under Intel College Excellence Program.

A **FDP** titled **"Self-Dependence and Advantages of Technology & Digital Marketing"** organized by Lemures Technologies in association with Information Technology Students Association of Finolex Academy of Management and Technology, on **23rd September 2016**.

A **Four Week** AICTE approved **FDP** on **"Use of ICT in Education for Online and Blended Learning"** conducted by IIT Bombay, under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **2nd May 2016 to 10th July 2016**.

A **two week AICTE-ISTE STTP** on **"Pedagogy for Effective use of ICT in Engineering Education"** Conducted by IIT Bombay under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **5th January 2015 to 31st January 2015**.

Conferences and Seminars

Attended the **6th IEEE International conference on Advances in Science and Technology(ICAST-2023)**, on **08th and 09th December 2023**, organized by K. J. Somaiya Institute of Technology, Sion, Mumbai.

Registration and Steering Chair of **International Conference on Communication and Computing (ICCC-2022)** organized by Finolex Academy of Management and Technology, Ratnagiri from **08th April 2022 to 09th April 2022**.

2nd National Conference on Recent Advances in Science and Technology (RAST2k16) organized by Finolex Academy of Management and Technology, Ratnagiri from **17th to 18th February 2016**.

A **three days** international conference, titled **13thEuromicro Conference on Digital System Design (DSD)**, on **1st to 3rd September 2010**.

Attended as well as, was a member of a **three day's International conference** titled **International Symposium on Low Power Electronics and Design**, organized by IISc, Bangalore, a centenary conference of IISc, Bangalore, held on **25th May to 28th May 2008**.

A **five days** conference titled **Managing complexity in a distributed world (MCDES)**, a centenary conference organized by IISc, Bangalore, at IISc, Bangalore from **27th May to 31st May 2009**.

Two Week or One Week Workshops

A one week **Malviya Mission Teacher Training Program** on **NEP 2020 Orientation & Sensitization Program**, organized by UGC - MMTTC, Gujrat University, Ahmedabad, during **15th January 2024 to 25th January 2024**.

A **two week** ISTE workshop on **Introduction to Designs of Algorithms**, Conducted by **IIT Kharagpur** under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **27th April 2016 to 30th May 2016**.

A **one week** workshop on **Funding Schemes Available for Research Proposals**, Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri, on **13th February 2016 to 23rd April 2016**.

A **two week** ISTE workshop on **Signals and Systems**, conducted by IIT Kharagpur under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **2nd January to 12th January 2014**.

A **two week** ISTE workshop on **Analog Electronics**, conducted by IIT Kharagpur, under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **4th June to 14th June 2013**.

A **two-week** ISTE Workshop on **Introduction to Research Methodologies**, Conducted by IIT Bombay, under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **25th June 2012 to 04th July 2012**.

A **two-week** ISTE Workshop on **Basic Electronics**, conducted by IIT Bombay, under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **28th June to 8th July 2011**.

A **fifteen day's** workshop on **Embedded Systems using Keil, Linux and ARM**, organized by Antech Technology foundation in association with Electronics Engineering Department, Finolex Academy of Management and Technology, on **03rd March to 17th March 2007**.

Workshops

A three day's **faculty Training program** on **Artificial Intelligence in Telecommunication**, organized by technical delivery manager, TIAA , organized by EXTC Dept of FAMT, on **28th June 2021 to 30th June 2021**.

A three day's **workshop-webinar** on **Arduino Programming and Internet of Things**, conducted by DKTE, Ichalkaranji during **25th May 2020 to 27th May 2020**.

International workshop on **WebGIS Platform** organized by department of Electronics and Telecommunication and Center of Excellence in Geoinformatics supported by Savitribai Phule Pune University on **10th and 11th of January 2020**.

A three day training program on **Moodle Learning Management System** offered by Spoken Tutorial Project, IIT Bombay, funded by the National Mission of Education through ICT was organized by Vidyavardhini College of Engineering, Mumbai in **January 2020**.

A three day training program on **Latex** offered by Spoken Tutorial Project, IIT Bombay, funded by the National Mission of Education through ICT was organized by A P Shah Institute of Technology, Mumbai in **January 2020**.

A one day workshop on **Scilab Workshop**, conducted by Teaching Learning Center (ICT), IIT Bombay, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), at GF Gharda Institute of Technology, Lavel, on 04th May 2019.

A **one day** workshop on **Python Workshop**, conducted by Teaching Learning Center(ICT), IIT Bombay, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), at Finolex Academy of Management and Technology, Ratnagiri, on 22nd June 2019.

A **one day** workshop on **eSim, a First course in the IoT series for Teachers**, conducted by Teaching Learning Center(ICT), IIT Bombay, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, at Finolex Academy of Management and Technology, Ratnagiri, on 21st September 2019.

A **two day** Saptahaant Shikshak Parashaikan on **Introduction to Machine Learning**, conducted by IIT Kharagpur on 16th to 17th December 2017.

A **two day's** workshop on **RF and Antennas-from Theory to Practice**, conducted by Dr. A. B. Kakade, RIT, Sakharale, and organized by Department of Electronics and Telecommunication Engineering, Finolex Academy of Management and Technology, on **11th and 12th August, 2017**.

A **two day's** workshop on **Raspberry Pi**, conducted by Robokart in association with Innovation Cell IIT Bombay and Electronics Engineering Department, Finolex Academy of Management and Technology, on **10th to 11th FEB, 2017**.

A **three day's** workshop on **Embedded System and Robotic Design**, conducted by PPCRC, I2IT, Pune, in association with Electronics Engineering Department of Finolex Academy of Management and Technology, on **27th to 29th Janaury,2017**.

A **two day's** workshop on **Cisco Networking**, conducted by Azure Skynet, in association with Techkriti IIT Kanpur, and Association of Students of Electronics and Telecommunication of Finolex Academy of Management and Technology, on **3rd February to 04th February 2016**.

A **two day** workshop on **Mobile Antennas Fundamentals, Design, Fabrication and Testing**, conducted by Prof. A. B. Kakade, RIT Sakharale in association with Finolex Academy of Management and Technology, on **1st and 2nd August 2015**.

A **one day** orientation-cum-workshop on **Inter-Collegiate Research Convection Avishkar 2014-15**, organized by Finolex Academy of Management and Technology on behalf of University of Mumbai, on **12th August 2014**.

A **one day** zonal workshop on **Violence Against Women**, jointly organized by Gogate Joglekar College, Ratnagiri, and Women Development Cell, University of Mumbai on **06th August 2013**.

A **two day's** workshop on **Introduction to Robotics**, organized by MHRD sponsored e-yantra project of IIT Bombay in association with Department of Computer Science, University of Mumbai, on **30th November and 1st December 2012**.

A **two day's** ISTE Workshop on **Aakash for Education**, conducted by IIT Bombay under the National Mission on Education through ICT, in association with MHRD, Govt. of India, on **10th and 11th November 2012**.

A **two day's** workshop on **Virtual Labs, Electronics**, conducted by Electrical department of IIT Bombay and MHRD initiative, jointly organized by Department of Electronics Engineering and Electronics and Telecommunication Engineering, of Finolex Academy of Management and Technology, on **9th and 10th April 2011**.

A **two day's** workshop on **Haptics RoboARM**, conducted by ARK Technosolutions in association Greatstep IIT Kharagpur, and with Brainwaves 2011 of Finolex Academy of Management and Technology, on **26th and 27th February 2011**.

A **two day's** workshop on **Simulation of Electronic Circuits and Power Electronic Systems using SEQUEL**, conducted by Prof. M. B. Patil, IIT Bombay in association with Finolex Academy of Management and Technology, on **31st October 2009 and 1st November 2009**.

A **three day's** workshop on **ASIC Design and CAD Tools for VLSI**, conducted and organized by I2IT, Pune, at I2IT Pune, on **15th to 17th February 2006**.

A **two day's** workshop on **LINUX**, conducted and organized by, Finolex Academy of Management and Technology, on **12th and 13th August 2006**.

A **one day** workshop on **Advances in Micro-electronics**, conducted by eminent professors from the Department of Electrical Engineering, IIT Bombay, sponsored by IEEE AP/ED, Mumbai chapter, in association with Department of Electronics Engineering, Finolex Academy of Management and Technology, on **15th March 2003**.

A **one day** seminar on **Self Reengineering**, organized by Human Resource Development, Victory Associates in association with Finolex Academy of Management and Technology, on **06th January 2003**.

Certification Course / Refresher Courses completed - 22

A twelve week **NPTEL FDP** on **Deep Learning**, during **July 2025 to October 2025**, conducted by IIT Ropar, funded by MoE, Govt. of India.

<https://drive.google.com/file/d/1XfGSDoEnNHxXy4LfjTDr9FGGR9P5umDg/view?usp=sharing>

An eight week **NPTEL FDP** on **Research Methodology**, during **July 2025 to September 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

<https://drive.google.com/file/d/1tpBr32E7d3BmkUNWN2tyZAjpCaTnLLDI/view?usp=sharing>

A four week **NPTEL FDP** on **Patent Drafting for Beginners**, during **July 2025 to August 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

<https://drive.google.com/file/d/1Uc8zB8bpOOMehOgFOFyU0DYKNSmA8HUr/view?usp=sharing>

A twelve week **NPTEL FDP** on **Introduction to Machine Learning**, during **January 2025 to April 2025**, conducted by IIT Madras, funded by MoE, Govt. of India.

https://drive.google.com/file/d/1spj10x_E4T_pIRgtfBZ4dfE99MTG2F4a/view?usp=sharing

A **04 week online NPTEL course** on **Technical Communication for Engineers**, during July 2024 to August 2024, conducted by IIT Madras, funded by MoE, Govt. of India.

Verify:

https://drive.google.com/file/d/1OJTCKuDQOEEIp9FNs7xcl8c6bW3KYI56/view?usp=drive_link

An 08 week online NPTEL course, on Introduction to C Programming held during January 2024 to March 2024, conducted by IIT Kanpur, funded by MoE, Govt. of India.

Verify:

https://drive.google.com/file/d/1j4lzTNwM_CZSUZzwGlAy9R3LmKoqxwxx/view?usp=drive_link

A 12 week online NPTEL course, on Fundamentals of Artificial Intelligence held during 25th July 2023 to 16th October 2023, conducted by IIT Guwahati, funded by MoE, Govt. of India.

Verify:

https://drive.google.com/file/d/13RiB8JQCUJCb3A4c4EGfusEHFLqDb2tZ/view?usp=drive_link

A 12 week online NPTEL course on Fundamentals of Artificial Intelligence, Conducted by **Indian Institute of Technology, Guwahati** under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **25th July 2023 to 16th October 2023**.

Verify:

https://drive.google.com/file/d/1kHg8AFE_uymAhu_6WC7UQsRT2IyanXr4/view?usp=sharing

A 15 days(30 Hours) on-line course on **Machine Learning for Data Science using Python**, conducted by Center for Continuing Education, NIT Warangal, during **16th August 2022 to 30th August 2022**.

Verify:

https://drive.google.com/file/d/12pWEMmW4rKCOg5_7FEb0GWNNaBXnbtI8/view?usp=sharing

A 12 week online NPTEL course on Introduction to Machine Learning, Conducted by **Indian Institute of Technology, Madras** under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **25th July 2022 to 16th October 2022**.

Verify:

https://drive.google.com/file/d/1T62uxh55bU_qRUqPiB2jSQpCcD5MDGv/view?usp=sharing

A 15 days **Hands-on-Training on Hands-On in Artificial Intelligence and Machine Learning**, conducted by Datta Meghe College of Engineering, Airoli, Mumbai, during **06th June 2022 to 18th June 2022**.

Verify:

<https://drive.google.com/file/d/1gVghyuHsfauM8z5ZLEUN7Z5ICV3NuJD/view?usp=sharing>

A 12 week NPTEL online course on Joy of Computing Using Python, conducted by IIT Madras, during **24th January 2022 to 24th April 2022**.

Verify:

<https://drive.google.com/file/d/1XU3n5bJOqMo8HIwji0iIdmM1SeClOgP/view?usp=sharing>

A One week **Online training program, on NBA Accreditation Process**, conducted by AICTE Training and Learning Academy (ATAL), National Institute of Technical Teachers Training and Research, Chennai, during **06th December 2021 to 10th December 2021**.

Verify:

https://drive.google.com/file/d/1iy-b6mDw3Roo_AYDHX7tDKGzU-RzeH01/view?usp=sharing

A One month **Internship cum Training Program** on **IoT Project Development using Industry Grade Microcontroller**, conducted by Anand Technocreations in collaboration with NRIT-Incubation Centre Funded by Govt. of Maharashtra and MSME Govt of India, during **28th June 2021 to 28th July 2021**.

Verify:

https://drive.google.com/file/d/1y_YeAcfTbuDAgXgyMZvUkqAXxVBjO4u/view?usp=sharing

A one month **Industrial training Program** on **Design of Sellable Electronic Products**, conducted by Anand Techno Creations, Satara, in collaboration with RAIT, Satara, during **23rd August 2020 to 23rd September 2020**.

Verify:

https://drive.google.com/file/d/1mS1GiCpCRW3q9UaCE4VSaMR_v_Ajp5ZW/view?usp=sharing

An online Coursera course on **R Programming**, conducted by Johns Hopkins University , during **29th May 2020 to 26th June 2020**.

Verify:

<https://drive.google.com/file/d/1YfCaCYzH4nywmTbvTeVaC2OruH1OVArr/view?usp=sharing>

A one month online Coursera course on **Getting Started with Python**, conducted by University of Michigan, during **29th May 2020 to 17th July 2020**.

Verify:

<https://drive.google.com/file/d/17NfrFAHvEyUBILZoHU69CxILHd0q8iiQ/view?usp=sharing>

A **4 week** NPTEL course on **C Programming and Assembly Language**, conducted by IIT Madras, during **29th July 2019 to 24th August 2019**.

Verify:

<https://drive.google.com/file/d/1XQ05nZTGjYndUn4SlhMwIwdjBVcoKP-0/view?usp=sharing>

A one week **AICTE-ISTE** approved induction/refresher program on **Open Source Solutions in Teaching-Learning Process** organized by IT Dept of Finolex Academy of Management and Technology, Ratnagiri, on **24th June 2019 to 28th July 2019**.

Verify:

<https://drive.google.com/file/d/19908dvSlwo6TBuBNCdV1aRTC52V8Cgq7/view?usp=sharing>

A **12 week** NPTEL course on **"Switching Circuits and Logic Design"** conducted by **IIT Kharagpur** during **28th July 2018 to 28th October 2018**.

Verify:

<https://drive.google.com/file/d/12sUwoUeg62SRRF7UBjuUyG6LmxzeOTD/view?usp=sharing>

A **12 week** online NPTEL course on **Basic Electronics**, Conducted by **IIT Bombay** under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **22nd January 2018 to 14th April 2018**.

Verify:

https://drive.google.com/file/d/1vx37Pq1_6_VQg5IPOU4zFvWQQeC6qBGy/view?usp=sharing

A **8 week** online NPTEL course on **Basic Electrical Circuits**, Conducted by **IIT Madras** under the National Mission on Education through ICT, in association with MHRD, Govt. of India, from **24th July 2017 to 16th September 2017**.

Verify:

https://drive.google.com/file/d/1_USCwoICjdTqmXQGH5Wv3eQUi2acs2Rm/view?usp=sharing

As a resource person conducted a **two day's** workshop on **Embedded C Programming and Applications Development using 8051 μ C**, on **14th and 15th September 2019**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person conducted a **two day's** workshop on **Embedded C Programming and Applications Development**, on **29th and 30th September 2018**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

Conducted a seminar on **Attendance guidelines for Students** for SE Electronics students on 7th September 2018.

As a resource person conducted a seminar on **Institute, NAAC and Students** on **06th April 2018** for TE Electronics Engineering students.

As a resource person conducted a **four day's** workshop on **Embedded C Programming and Applications Development**, on **04th to 07th August 2017**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person conducted a **three day's** workshop on **Embedded C Programming and Applications Development**, on **06th to 08th August 2016**, at Finolex Academy of Management and Technology, organized by Department Electronics Engineering.

As a resource person conducted seminars on **Opportunities in Engineering Field and Carrier Guidance** to 12th standard students of various junior science colleges of Ratnagiri, on **22nd, 23rd and 24th November 2016**.

As a resource person conducted a **three day's** workshop titled **Microcontroller System Design, C Programming and Applications**, on **03rd to 5th October 2015**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person conducted a **one day** workshop titled **Workshop on Robotics** on **04th October 2014**, at Finolex Academy of Management and Technology, organized by Electronics Engineering Department.

As a resource person conducted a **one day** workshop titled **Workshop on Robotics** on **17th August 2013**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person conducted a **two day's** workshop titled **Interfacing with Microcontroller** on **08th and 09th September 2012**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person conducted a **one day** workshop titled **Interfacing with Microcontroller** on **15th September 2012**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

As a resource person organized a **one day** workshops titled **Interfacing with Microcontroller** on **08th September, 09th September, 01st October and 02nd October 2012**, at Finolex Academy of Management and Technology, organized by Department of Electronics Engineering.

Professional Membership

e.g. Indian Society of Technical Education (I.S.T.E)

Other Experience

College Level Administrative Responsibilities

Exam Duties

Member of Internal Vigilance Squad for winter 2023 examinations. FAMT/EXAM/OFRD/605/2023, Dated:21/11/2023.

Invigilator for GATE 2023 Exam , held on 04th and 05th FEB 2023. FAMT/OFOR/66/2023, Dated:01/02/2023.

Invigilator for NEET 2022 Exam , held on 17th JULY 2022. FAMT/OFOR/252/2022, Dated:13/07/2022.

Member of Lead College Committee for conducting on-line examinations of DSE-SEM III on behalf of Mumbai University, starting from 14th FEB 2022. FAMT/CIRC/49/2022, Dated:11/02/2022.

Invigilator for GATE 2022 Exam , held on 05th and 06th FEB 2022. FAMT/OFOR/39/2022, Dated:03/02/2022.

Member of Lead College Committee for conducting on-line examinations of SH2021 on behalf of Mumbai University. FAMT/CIRC/313/2021, Dated:18/11/2021.

Invigilator for NEET 2021 Exam , held on 17th September 2021. FAMT/OFOR/214/2021, Dated:02/09/2021.

Member of Lead College Committee for conducting on-line examinations of SEM IV, VI, VII on behalf of Mumbai University, starting from 01st June 2021. FAMT/CIRC/132/2021, Dated:21/05/2021.

Invigilator for GATE 2021 Exam , held on 06th , 07th, 13th and 14th FEB 2021. FAMT/OFOR/29/2021, Dated:02/02/2021.

Member of Lead College Committee for conducting on-line examinations of winter 2020 examinations on behalf of Mumbai University, starting from 01st March 2021. FAMT/CIRC/51/2021, Dated:25/02/2021.

Member of Lead College Committee for conducting on-line examinations of winter 2020 examinations on behalf of Mumbai University, starting from 01st March 2021. FAMT/CIRC/274/2020, Dated:18/12/2020.

Member of Lead College Committee for conducting university on-line examinations. FAMT/CIRC/220/2020, Dated:06/10/2020.

Worked as a **Senior Supervisor** for the **First Half of 2017 Engineering and MCA Examination**, held during **12th May to 15th June 2017**.

Invigilator for GATE 2014 exam held on **15th February, 16th February and 01st and 2nd March 2014**.

Was appointed as a **Joint Chief Conductor for First Half of 2013 Engineering Examination**, at RM CET, Ambav, from **27th May 2013 to 07th June 2013**.

Worked as a **Senior Supervisor** for the **First Half of 2011 Engineering and MCA Examination**, (Morning Session), held during **24th May to 20th June 2011**.

Worked as a **Senior Supervisor** for **Second Half of 2006 Engineering Examination** (Morning Session).

Worked as a **Senior Supervisor** for **Second Half of 2005 Engineering Examination** (Morning Session), held from **20th October 2005**.

Worked as a coordinator to conducted **Sessional Test-II** for Electronics Department from **17th October to 22nd October 2005**.

Appointed to do re-verification **work of Summer-2002 Examination papers** in view of commencement of winter-2002 examination from 25th November 2002 from 11th November 2002 to 13th November 2002.

Worked as an **Additional Senior Supervisor** for **Second Half of 2001 Engineering Examination**, held from **03rd December 2001**.

Carried out exam related duties such as **Paper Setter, Moderator, External Examiner and Internal Examiner for conducting practical and oral exam as appointed by Board of Examination, Mumbai University**

College Level Administrative Responsibilities

HoD of Computer Science and Engineering (Cyber Security) Department from 24th June 2025 to till date. FAMT/CIRC/294/2025. Dt: 24/06/2025.

Coordinator of **Long Service Award Ceremony committee** for organizing the program held on 22nd February 2026. FAMT/OFORD/102/2025. Dt: 11/02/2025. FAMT/REVISED/OFORD/90/2026, Dated: 16th February 2026.

In-Charge HoD of Computer Science and Engineering (AI & ML) Department from 03rd January 2022 to 23rd June 2025. FAMT/OFORD/366/2021. Dt: 31/12/2021.

Coordinator of **Long Service Award Ceremony committee** for organizing the program held on 21st February 2025. FAMT/OFORD/102/2025. Dt: 11/02/2025.

Coordinator of **Long Service Award Ceremony committee** for organizing the program held on 12th March 2024. FAMT/OFORD/31/2024. Dt: 12/01/2024.

Member of **Long Service Award Ceremony committee** for anchoring the program held on 03rd March 2023. FAMT/OFORD/108/2023. Dt: 23/02/2023.

Member of **College Grievance Redressal Cell(CGRC)**. FAMT/CIRC/104/2023. Dt. 20/02/2023.

Teaching Staff Representative of **Women development Cell**. FAMT/CIR/344/2022. Dt. 06/09/2022 to till date.

Member of **Long Service Award Ceremony committee** for anchoring the program held on 29th November 2021. FAMT/OFORD/319/2021. Dt: 22/11/2021.

Senior Member of Teaching Faculty of **Student Grievance Redressal Committee(SGRC)**. FAMT/CIR/159A/2021. Dt. 02/07/2021.

HoD of Electronics Engineering Department from 29th JUNE 2021 to 02nd January 2022. FAMT/OFORD/155/2021. Dt: 23/06/2021.

Member of NSS camp

Member of **Academic Canteen Health Committee** from 18th July 2019 to till date.

Member of **Facilitation Center- FC 3200** for First Year Engineering Admission 2019-20.

Member of **Setu Suvidha Kendra** for all UG/PG Professional Courses Admission 2019-20.

Member of **Mahavidyalayan Vidyarthinichi Suraksha Samiti** from 28th January 2019.

Co-ordinated a seminar on "**Embedded Systems**" held on 18th September 2019, organized by Department of Electronics Engineering, FAMT, Ratnagiri.

Co-ordinated a seminar on "**GATE Awareness**" held on 29th January 2019, organized by Department of Electrical, Electronics Engineering, Electronics and Telecommunication and Mechanical Engineering.

Co-ordinated Electronics Engineering Department **visit** for students of Shri S. H. Kelkar College of Arts, Commerce and Science, Devgad, pursuing MCVV (Electronic Technology) course on 23rd January 2019.

Monitoring Authority member of **Document Verification Committee** for Laboratories during the period 6th December 2018 to 12th December 2018

Member of **Facilitation Center- FC 3200** for First Year Engineering Admission 2018-19.

Panel member to **review Qualitative answers** of NAAC criteria 6.

Organized a seminar on "**Learning MAX10 FPGA Board and Current R&D in Industry**" held on 26th March 2018, organized by Department of Electronics Engineering.

Co-ordinated a **three day's** workshop on "**Embedded System and Robotic Design**" organized by PPCRC, I2IT Pune in association with Electronics Engineering Department, Finolex Academy of Management and Technology, on **27 to 29th Janaury,2017**.

Member of Departmental **Advisory Board Committee (DAB)** from 23rd March 2018.

Faculty in-charge of **Girls Common Room** from 20th July 2018 to till date..

Faculty member of an **Anti-Ragging committee** from 4th May 2017 to till date.

Member of an **Anti-Ragging Squad committee** from 4th May 2017 to till date.

Institute representative of an **Internal Complaint Committee** from 4th May 2017 to till date.

Worked as a **coordinator** for a **three day's** workshop on "**Embedded System and Robotic Design**" organized by PPCRC, I2IT Pune in association with Electronics Engineering Department of Finolex Academy of Management and Technology, on **27th to 29th Janaury,2017**.

Working as a **core** member of **Mentorship Committee**.

Member of **Alumni Committee**.

Member of **NAAC criteria 7 committee**.

Working as a **Teaching Staff Representative of WDC Committee** of Finolex Academy of Management and Technology (FAMT), from **01st July 2016 to till date**.

Data verification and Data entry member of **Facilitation Center- FC 3200** for First Year Engineering Admission 2016-17.

Worked as a **Chair person with Convener of Women Development Cell (WDC)** of Finolex Academy of Management and Technology, from **12thFebruary 2013 to 12thFebruary 2016**.

Worked as an **Organizing committee member**, for a two days national conference titled "**Recent Advances in Science and Technology (RAST2K16)**" held at Finolex Academy of Management and Technology, on **17th and 18th February 2016**.

Organized and attended an awareness program titled "**Awareness program on Mammography**" held in Parkar Hospital, Ratnagiri on **03rd July 2016**.

Working as a member of **Admission Counseling Cell** from **27th October 2016 to 1st December 2016** and have delivered four seminars on "**Career Guidance**" to 12th standard science students of different science colleges in Ratnagiri.

Worked as a member of **Data verification and Data entry team** from **02nd June to 16th June 2016**.

Appointed as a **coordinator** to prepare academic time-table for Department of Electronics Engineering for the year **2016-17**.

Attended seven days **Yoga** course organized by Finolex Academy of Management and Technology, on the occasion of International Yoga Day 2015, from **17th June 2015 to 22nd June 2015**.

A supervisory member of **Welcome Function** of First Year Students held on 26th September 2014.

Organized a seminar for all girls of FAMT titled "**Health and Hygiene**" on **10th September and 11th September 2014**.

Worked for **four years** as a "**Faculty-In-charge of ESTA committee**" of Department of Electronics Engineering from **01st July 2010 to 30th June 2014**.

Participated in an event "**Samuhic Suryanamaskar**" organized by Madhurangan and Tarun Bharat, held at Police ground, Ratnagiri, on **17th February 2013**.

Organized a social event titled "**Information about Maher**" on **15th March 2013** at FAMT, Ratnagiri.

Organized a **five days** industrial visit for TE Electronics students, to **Karnataka Power Corporation Ltd.**, Yelasandra, Kolar District, Karnataka, from **24th February to 28th February 2012**.

Worked as a **coordinator** for a two days lecture series titled "**Fuzzy sets, Fuzzy Logic with Applications**", by Prof. Ashok Deshpande, on **25th and 26th February 2010**.

Organized an industrial visit to "**Finolex cables and Dlink**", Goa from **23rd to 24th February 2004**.

Appointed as a **coordinator** to prepare academic time-table for Electronics Department for the year **2001-04**.

Judge Panel / Staff Selection Committee / Subject Expert

As a judge for **Project competition of Brainwaves2K23**, organized by FAMT, Chemical Department Brainwaves2k23 committee, on 03rd and 04th March 2023.

As a judge for "**College Level Research Convection AVISHKAR 2018-19**", conducted for District level research convection AVISHKAR 2018-19 as a part of Research Convection of University of Mumbai, under Engineering and Technology category, held at Finolex Academy of Management and Technology, Ratnagiri on 1st November 2018.

As a judge for **Project competition Techspring2K19**, organized by ASENT, ENTC Department, FAMT, on 31st January and 1st February 2019.

As a judge for **Project competition "Brainwaves- 2018"**, organized by FAMT, on 26th February 2018.

As a judge for "**43rd District Level Science Exhibition**" Organized by Govindrao Nikam Secondary and Higher secondary School, Sawarde, Chiplun, on 28th December to 30th December 2017.

As a subject expert presented project models in a **three day's** Taluka level science exhibition "**Disha (mission-2020)- A Science Exhibition**" held on **7th, 8th and 9th December 2017**, in Parshuram Education Society's S.D. Gadre English Medium School, Chiplun.

As a judge for "**Project Exhibition and Competition**", organized by Electronics and Telecommunication Department of Finolex Academy of Management and Technology, on **14th July 2017**.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience in semesters
1.	Digital Logic and Computer Organization & Architecture	SE/CSE-AIML/III, SE-CSE-CS/III/IV	6
2.	Microprocessor	SE/CSE-AIML/IV	3
3.	Microcontrollers and Applications	TE/ETRX/V	1
4.	Digital Circuit Design	SE/ETRX/III	2
5.	Digital System Design	SE/ETRX/IV	2
6.	Integrated Circuit Technology	BE/ETRX/VII & VIII	5
7.	Basic VLSI Design	TE/ETRX/VI	5
8.	Advance VLSI Design	BE/ETRX/VIII	3
9.	VLSI Design	BE/ETRX/VII	4
10.	Embedded Systems and Real Time Programming	BE/ETRX/VIII	2
11.	Microcontroller and Applications	TE/ETRX/VI	3
12.	Microprocessor and Microcontrollers-I	TE/ETRX/V	4
13.	Microprocessor and Microcontrollers-II	TE/ETRX/VI	3
14.	Principles of Microprocessor Systems	SE/ETRX/IV	4
15.	Microprocessors	TE/IT/V	2
16.	Digital Design-I	SE/ETRX/III	4
17.	Digital Design-II	SE/ETRX/IV	4
18.	Digital Electronics	SE/ELECT/III	4
19.	Digital Integrated Circuits	TE/ETRX/V	4
20.	Digital Logic Design and Applications	SE/IT/III	3
21.	Analog and Digital Integrated Circuits	SE/ELECT/VI	3

22.	Engineering Materials and Components	SE/ELECT/III	1
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Summary

International Journals	Unpaid	0
	Paid	3
National Journals	Unpaid	0
	Paid	0
Conferences	International	2
	National	1
Number of FDP's attended		30
Number of STTP's attended		07
Number of 2 Weeks Workshops attended		06
Number of 1 Week Workshops attended		02
Number of Seminars / Webinars attended		05
Number of course Certification / Refresher Courses attended		22
Resource Person Contribution	Technical Talks / Seminars / Lectures, etc	13
	Outreach Programs / Social Programs / Extensions, etc	0