

FACULTY-PROFILE**Name: Ms. Asmita A. Chavan****Date of Birth: 25 July 1990****Highest Qualifications: ME EXTC****Educational Qualification**

Institute/Board	Degree	Field	Year	Division
Terna Engineering College (Mumbai University)	ME	Electronics and Telecommunication Engineering	2016	Distinction
Finolex Academy of Management and Technology (Mumbai University)	BE	Electronics and Telecommunication Engineering	2012	First Class
Abhyankar Kulkarni Junior College, Maharashtra State Board	HSC	Science	2008	Distinction
Patwardhan High School, Maharashtra State Board	SSC		2006	Distinction

Employment Record:

Organization	Period (From-To)	Designation/Approval/Scale
Finolex Academy of Management and Technology	06 Years (Oct. 2016 – Dec. 2022)	UGC Approved Assistant Professor
Finolex Academy of Management and Technology	06 Months (2016)	Assistant Professor
Finolex Academy of Management and Technology	03 Years (2012-13,2014-16)	Lecturer

Approved by the University as an examiner for the following subjects:

1. Signals and Systems
2. Microwave Engineering
3. Random Signal Analysis
4. Electronic Instrumentation and Control Systems
5. Mobile Communication
6. Fundamentals of Communication Engineering

Other subjects taught:**UG:**

1. Television Engineering
2. Electronic Instrumentation and Measurements
3. Basics of Analog and Digital Communication Systems
4. Advanced Instrumentation Systems
5. Basics of Electronic Circuits
6. Skill Lab Python Programming

Achievements (Summarized below as Points A to D):**A. Training courses attended****a) Orientation program/Faculty development**

1. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Designing Intelligent systems" at Indian Institute of Information Technology, from 2021-7-5 to 2021-7-9.
2. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence and its Applications" at Government college of engineering, from 2021-06-07 to 2021-06-11.
3. Five Days Online Faculty Development Program on "Research In Engineering - A Way Forward" conducted at A. P. Shah Institute of Technology, on 6th to 10th July, 2020.
4. One week Online Faculty Development Program (FDP) on "Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Changes" organized by Finolex Academy of Management and Technology, Ratnagiri, 08th June to 12th June 2020
5. National level One Week Online Faculty Development Program on "Arduino" organised in association with Spoken Tutorial Project, IIT Bombay, by AISSMS College of Engineering, April 28 to May 04, 2020.
6. Two days FDP on "NBA Preparation" organized by Department of Electronics and Telecommunication Engineering from 05 March 2020 to 06 March 2020.
7. AICTE approved Faculty Development Programme on 'Pedagogy for Online and Blended Teaching-Learning Process' conducted by IIT Bombay from 14 September 2017 to 12 October 2017.
8. AICTE approved Faculty Development Programme on 'Foundation Program in ICT Education' conducted by IIT Bombay from 3 August 2017 to 7 September 2017

b) STTP/Workshop/Seminars/Conferences**STTP:**

1. Three Days Online Faculty Training Program on "Artificial Intelligence in Telecommunication" organized by Department of Electronics and Telecommunication Engineering, from 28th to 30th June, 2021
2. Three days online Short Term Training Program on "Latex for Everyone", organized by Ramrao Adik Institute of technology, Mumbai, 18 to 20 June 2020.

3. ISTE approved STTP on “Open Source Solutions in Teaching –Learning Process”, organized by Finolex Academy of Management and Technology, during 24 June 2019 to 28 June 2019.
4. AICTE-ISTE approved Induction/Refresher Programme on “Digital Image Processing-Issues, Challenges and Research Avauues” conducted by Finolex Academy of Management and Technology during 4 June to 08 June 2018
5. ISTE approved one week STTP on “Designing IOT Based Applications for Smart Cities” at Finolex Academy of Management and Technology, on 29 Jan. to 02 Feb. 2018
6. Two Week ISTE STTP workshop on “Introduction to Designs of Algorithm” Conducted by IIT Kharagpur under the National Mission on Education through ICT on 27th April to 30th May 2015.

Workshops:

1. Python Workshop at Finolex Academy Of Management and Technology , Ratnagiri, organised by Teaching Learning Centre (ICT) at IIT Bombay on 22 June 2019.
2. Three days workshop on ‘Embedded Systems and Robotics Design’ held at Finolex Academy of Management and Technology on 27 to 29 January 2017
3. 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 Feb. to 23rd April 2016
4. Two week ISTE Workshop on ‘Control Systems’ conducted by IIT Kharagpur from 2 to 12 December 2014
5. Two day ISTE Workshop on ‘Akash for Education’ conducted by IIT Bombay on 10 and 11 November 2012

Seminars:

1. Webinar on “Libraries and Tools for Machine Learning”, organized by Department of Electronics and Communication, UMIT, SNDTWU, held on 18th July, 2020.
2. A webinar on ‘Cyber Security’ conducted by Finolex Academy of Management and Technology, held on 20 June 2020.
3. National Level Webinar on ‘Branding through Digital Marketing’ organised by JSPM’s Jayawant Institute of Management Studies on 17 June 2020.
4. Webinar on ‘Skill Enhancement’ organized by Lokmanya Tilak College of Engineering, held on 15 June 2020.
5. National Level Webinar on ‘Analytics for all jobs and associated skills’ organised by JSPM’s Jayawant Institute of Management Studies on 11 June 2020.
6. National Level Webinar on ‘Cyber Security’ organised by JSPM’s Jayawant Institute of Management Studies on 10 June 2020.
7. National Level Webinar on ‘Cloud Computing: Salesforce’ organised by JSPM’s Jayawant Institute of Management Studies on 9 June 2020.
8. Webinar on ‘Scope of Digital Marketing for Engineers’ organized by Lokmanya Tilak College of Engineering, held on 6 June 2020.
9. Webinar series on ‘Virtual Knowledge Summit:Challenges and Future scope for

E&Tc. Engineering after COVID-19' organized by Padmabhooshan Vasantrodada Patil Institute of Technology, from 30/05/2020 to 1/06/2020.

10. Three days Technical Webinar on 'Circuit Simulation and PCB Designing' conducted by DKTE's Textile and Engineering Institute on 18 to 20 May 2020.

B. Training courses organized

Workshop/Webinar for students: Conducted at Finolex Academy of Management and Technology, Ratnagiri

1. Co-ordinator of webinar on 'Overseas Career Guidance for students'
2. Co-ordinator of webinar on 'Advanced Technologies in Industrial Automation'
3. Co-ordinator of webinar on GATE Awareness
4. PCB Design workshop

C. Administrative work:

For FH2023 at FCRIT, Vashi:

1. Teacher in charge for Alumni Committee
2. Teacher in charge for updating EXTC website
3. Teacher in charge for Publicity On Social Media
4. Second class-teacher for BE EXTC Sem VIII

Till SH2022 at Finolex Academy of Management and Technology, Ratnagiri :

1. Faculty co-ordinator in "International Conference on Communication and Computing 2022" (ICCC-2022).
2. Assistant CAP coordinator for second half of 2021 at FAMT Engineering CAP.
3. Assistant CAP coordinator for AY. 2019-20, 2020-21 at FAMT Engineering CAP.
4. CAP coordinator for first half of 2018 at FAMT Engineering CAP.
5. Assistant CAP coordinator for Dec-2016 paper assessment at FAMT Engineering CAP.
10. Faculty in charge of Student Association ASENT (Electronics and Telecommunication Engineering Department) from AY. 2019-20 to 2021-22 at FAMT.
11. Member of 'Sports Committee' at FAMT.
12. Departmental organizing committee member in 2nd National Conference on "Recent Advances in Science and Technology", RAST -2K16 held during 17 and 18 February 2016.
13. Faculty in charge of Student Association ESTA (Electronics Department) at FAMT

A. R&D

a) Research publications (Journals/conferences)

• **International Journals**

1. Paper Titled "Review Of Aodv And Dsdv Routing Protocols In Manet" Published In Asian Journal Of Convergence In Technology (Ajct Issn : 2350 - 1146).

2. Paper Titled “Image Fusion Methods For Medical And General Purpose Applications” Published In Asian Journal Of Convergence In Technology (Ajct Issn : 2350 - 1146).
3. Paper Titled “Review Of Different Types Of Attacks In Mobile Ad Hoc Network” Published In International Journal Of Management, Technology And Engineering Volume Ix, Issue Vi, June/2019 (Issn No : 2249-7455)
4. Paper Titled “Review Of Microstrip Antenna In Communication Field” Published In International Journal Of Management, Technology And Engineering Volume Ix, Issue Vi, June/2019 (Issn No : 2249-7455)

- **International conferences**

Paper Presented Titled “Performace Analysis Of AODV And DSDV Routing Protocol In MANET And Modifications In AODV Against Black Hole Attack” At 7th International Conference On Cloud Computing And Virtualization 2016 Organized By Thakur College Of Engineering, Mumbai On 26th – 27th February, 2016. (Published in Elsevier)

- **National Conferences**

1. Paper Presented Titled “Review Of AODV And DSDV Routing Protocols In MANET” At 2nd National Conference On Recent Advances In Science And Technology (Rast) Organized By Finolex Academy Of Management And Technology, Ratnagiri On 17th – 18th February, 2016.

2. Paper Presented titled “Image Fusion Methods For Medical And General Purpose Applications” at 2nd National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17th – 18th February, 2016.

BE project guidance at FAMT

1. Plant disease detection using image processing
2. Face detection using Haar cascade classifier
3. Recognition of ayurvedic medicinal plants and their medicinal values
4. IOT based health monitoring system
5. Fruit disease detection using image processing

B. Other Achievements:

1. MTSTS Certified- Certification Course in Python Programming (2 Months) with A Grade.
2. Completed Six Months Data Science Certification with distinction

Place: Vashi, Navi, Mumbai

Date: 12 April 2023