



**Department of Electronics & Telecommunication Engineering**

**Faculty Profile**



**Name:** Mr. Nitin P Mawale

**Designation:** Assistant Professor E&TC

**Email Id:** npmawale@aissmscoe.com

**Contact No:** 9764248929

**Educational Qualification:**

1. M.Tech Electronics (VLSI and Embedded Systems)
2. BE Electronics and Telecommunication

**Experience:**

Teaching-	20	Yrs	Industry-	--	Total-	20
			Yrs		Yrs	

**Awards/ Achievements**

1. Excellent Teacher Award from MT Research and Education Services, (UP) Date: 15.09.2019
2. Best Faculty Award (Male) from Global Education and Corporate Leadership (GECL-2k19) Date: 19.12.2019
3. Best Academician of The Year Award from Global Education and Corporate Leadership (GECL-2k19) Date: 19.12.2019
4. National Level Best Engineering College Students' Chapter Award from The Institution of Engineers (India), Kolkata Consecutively 7 Years (2012 to 2019)
5. Regional Level Computer Society of India Best Students' Chapter Award (4 Times)

**Subject Thought (UG &PG)**

1. Digital Circuits
2. Power Electronics
3. Business Management and Organization
4. Basic Electronics Engineering
5. Digital CMOS IC Design
6. Analog CMOS Design

## 7. RFMC

## 8. RF and MMIC Technology

### Course/ Seminar/Workshop/FDP Attended:

1. One Week Faculty Orientation Workshop on Digital Circuits (2019 Course) organized by BoS E&TC , SPPU, Pune and MMCOE, Pune from 22.06.2020 to 26.06.2020
2. One Week Research Methodology Workshop organized by G H Rasoni COE and Management, Pune from 29.06.2020 to 04.07.2020
3. One Week FDP on Higher Education-2020: Requirements and Expectations organized by Terna Public Charitable Trust's COE, Osmanabad from 08.07.2020 to 12.07.2020
4. One Week ATAL FDP on Internet of Things (IoT) organized by AICTE and SSGMCE, Shegaon from 05.10.2020 to 09.10.2020
5. One Week online Workshop on NAAC Accreditation Process organized by RUSA, Maharashtra and PES's Modern College of Arts, Science and Commerce (Under Paramarsh, UGC, New Delhi) from 15.04.2021 to 22.04.2021
6. One Week AICTE-ISTE sponsored Induction/Refresher Program on Internet of Things (Phase-III) organized by A G Patil Institute of Technology, Solapur from 06.05.2021 to 11.05.2021
7. One Week FDP on Research Skill Development organized by KBT COE, Nashik from 10.05.2021 to 14.05.2021
8. One Week Workshop on Social Media Marketing organized by M & S Training from 20.07.2020 to 25.07.2020
9. Faculty Orientation Workshop on SE(E&TC/Elex) Revised Syllabus 2019 Course for the subject Project Based Learning organized by BoS E&TC,SPPU, Pune & hosted by VIT, Pune on 23.01.2021
10. One Week ISTE Sponsored STTP on Augmented Reality and Virtual Reality organized by AISSMSCOE, Pune from 21.06.2021 to 25.06.2021

### Area of Specialization:

1. VLSI and Embedded Systems
2. Digital Circuits
3. Power Electronics

### Publication

### Details(Journal/Conference):

1. Prof. Nitin P. Mawale, Pranita S. Patil, Poorwa D. Kapgate, Shambhavi B. Rathour, Rajendra G. Khope, "Water Level Monitoring and Leakage Detection System using Long Range Module (LoRa)", Samruddhi Journal, Volume 12, Special Issue:2, 2020  
(<https://smsjournals.com/index.php/SAMRIDDHI/article/download/1965/896>), November 30, 2020
2. Prof. N P Mawale, "Personal Identification Based on Ordinal Measures of TRTS Patterns" published in International Journal of Electrical and Electronics Engineers (IJEET) ISSN 2321-2055, Volume No. 09, Issue 01, January-June-2017
3. Ms. Madhuri V Thube and Prof. N P Mawale, "Watermarking of Color Image Using DWT-SVD", International Journal of Electronics, Electrical and Computational System (IJEETS) ISSN:2348-117X, Vol-III,

4. Prof. N P Mawale, "Personal Identification Based on Ordinal Measures of IRIS Patterns", 7<sup>th</sup> International Conference on Recent Trends in Engineering, Science & Management (ICRTESM-17), ISBN:978-93-86171-12-2, organised by Genba Sopanrao Moze College of Engineering, Balewadi-Baner, Pune, on 1-2 April 2017
  5. M V Thude and Prof. N P Mawale, "Overview of Enhancement Security of Color Image Watermarking Using DWT-SVD", Published in e-PGCON-2014, A Conference for M.E. Students Organised by BOS (Electronics) University of Pune and MIT Academy of Engineering, on 5<sup>th</sup> April, 2013
  6. M V Thude and Prof. N P Mawale, "Overview of Enhancement Security of Color Image Watermarking Using DWT-SVD", National Conference on "Recent Advances in Computer Engineering (RACE-2013)", organised by Department of Computer Engineering, MES's College of Engineering, Pune, on 15-16 March, 2013
  7. Ms. Madhuri V Thube, Prof N P Mawale, "DWT-SVD Based Watermarking Techniques for Color Images", International Interdisciplinary Conference on Recent Trends in Commerce, Management, Engineering, Technology and Social Sciences (IJAMTES), ISSN:2249-7455, Vol-II, Issue-6 (V), 25<sup>th</sup> February, 2013, Pune, pp 65-67
  8. M V Thude and Prof. N P Mawale, "DWT-SVD Based Watermarking Techniques for Color Images", Published in e-PGCON-2012, A Conference for M.E. Students Organised by BOS (Electronics) University of Pune and Cummins College of Engineering for Women, Pune, on 23<sup>rd</sup> and 24<sup>th</sup> April, 2012
  9. Mr. N.P. Mawale, "Neural Network based Simulation Tool for Healthcare Disease-Diabetes", International Conference on Global Computing (ICGC-2011), Held at Amrutvahini College of Engineering, Sangamner, 2011, Pages 188-192
  10. Mr. N.P. Mawale, "Neural Network based Simulation Tool for Healthcare Disease-Diabetes", International Conference on Computational Intelligence Applications, 2011, Pages 147-151
  11. Mr. N.P. Mawale, "Neural Network based Simulation Tool for Healthcare Disease-Diabetes", National Conference on "Innovations and Trends in Computer and Communication Engineering" (ITCCE) held at MET's Institute of Engineering, BKC Nashik, 25-27 February, 2011
1. Institute Level Coordinator: Professional Societies and Students' Chapters
  2. Institute Level Coordinator for National Level AISSMSET: 07 Years
  3. Department NAAC Coordinator

**Responsibility  
Handled:**

4. Elected Faculty Adviser Member: All India Students Committee (AISC) of Institution of Engineers (India) in Academic Year **2014-15, 2016-17 & 2018-19**
5. Faculty Adviser of The Institution of Engineers (India): 09 Years
6. Branch Counselor of Computer Society of India Students' Chapter: 06 Years
7. Institute Level Coordinator of Solar Energy Society of India (SESI)
8. Secretary-cum Treasurer of ISTE Faculty Chapter: 04 Years
9. Faculty Adviser of AISSMSCOE ISTE Students' Chapter: 03 Years
10. Institute Level Coordinator of The Institution of Engineers (India) Institutional Member: 05 Years
1. Institution of Engineers (India) Faculty Membership and Students' Chapter awareness Drive at CSMSS College of Engineering, Aurangabad on 23.09.2017 & 24.09.2017
2. Awareness on formation of students' Chapter at MIT-SOE, Pune on 06.02.2019
3. Role of Students' Chapter in NBA Process in CETL's FDP at AISSMSCOE, Pune on 14.06.2019
4. "Students Chapter Activities" at Chemical department AISSMSCOE, Pune on 29.07.2020
5. "Institution of Engineers: Membership Benefits" at PVGCOET, Pune on 31.10.2020
6. Importance of Institution of Engineers (India) Students Chapter Membership and Benefits (2 Sessions) at AISSMSCOE on 05.02.2021
7. Benefits and Privileges of Professional Students Chapter at Jayawant College of Engineering and Polytechnic, K M Gadh on 25.05.2021
8. Benefits and Privileges of Professional Students Chapter during Pandemic at SSGMCE, Shegaon (E&TC Department) on 12.06.2021
9. Benefits and Privileges of Professional Students Chapter during Pandemic at SSGMCE, Shegaon (Mechanical Department) on 28.08.2021
10. OBE in Pursuit of Academic Excellence at Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu on 24.06.2021
11. Benefits and Privileges of Professional Students Chapter at SSGMCE, Shegaon (Mechanical Department) on 28.08.2021
12. Benefits and Privileges of Professional Students Chapter during Pandemic at AISSMSCOE, Pune on 31.08.2021
13. Benefits and Opportunities of Professional Students' Chapter at AISSMS's IOIT, Pune on 07.09.2021

**Guest Lecture/Seminar  
Delivered:**

**No of Projects  
Supervised**

**UG: 25**

**PG: 02**

**Webinars/Workshop/  
Seminars attended**

**200**