



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



Department of Electronics and Telecommunication Engineering

Faculty Profile

Prof. Nitin P Mawale

M.Tech Electronics (VLSI and Embedded Systems)

Assistant Professor

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Research Areas/ Areas of Interest

VLSI and Embedded Systems

Personal Details

Date of Birth : 01 / 08 / 1978

Domicile: Maharashtra

Gender : Male

Blood Group: AB+ve

Contact Details: Flat:01, Plot B7, Mahavir Complex, Kasturba Hsg. Society, Airport Road, Vishrantwadi, Pune – 411015

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	M.Tech Electronics	VLSI and Embedded Systems	Pune	First	July 2012
2	B.E.	Electronics and telecommunication	Pune	First	May 2001

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	19	03
2	Research	00	00
3	Industry	02	04
4.	Others	--	--
Total		19	03

Subjects/Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Basic Electronics Engineering	UG	FE (Civil)	01
2	Sensors and Interfacing	UG	TE (Electronics)	02
3	Digital Electronics	UG	SE Electronics	08
4	Power Electronics and Applications	UG	TE (Electronics)	02
5	Power Electronics	UG	TE (E&TC)	01
6	Business Management and Organisation	UG	TE (Electronics)	02
7	Digital Electronics and logic Design	UG	SE (Computer)	06

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
8	Microprocessor and Interfacing	UG	SE (Computer)	05
9	Electronics devices and Circuits	UG	SE (Computer)	03
10	Instrumentation and Systems	UG	TE (Electronics)	01
11	Mechatronics	UG	BE (Electronics)	01
12	RFMC	PG	ME(Microwave)	02
13	RF and MMIC Technology	PG	ME(Microwave)	02
14	Digital CMOS Design	PG	ME(VLSI and Embedded Systems)	01
15	Analog CMOS Design	PG	ME(VLSI and Embedded Systems)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	01	02	00	--	01
Conferences	05	04	02	--	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	"Personal Identification Based on Ordinal Measures of TRTS Patterns"	N P Mawale and Balaji Kamble	2017	International Journal of Electrical and Electronics Engineers (IJEEE), Volume No. 09, Issue 01, January-June-2017	ISSN 2321-2055	IJEEE
2	"Watermarking of Color Image Using DWT-SVD"	Prof. N P Mawale and Ms.	2014	International Journal of Electronics, Electrical and Computational	ISSN:2348-117X	IJEECS

		Madhuri V Thube		System,(IJEECS), Vol-III, Issue-9		
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Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	"Personal Identification Based on Ordinal Measures of IRIS Patterns"	Prof. N P Mawale and Balaji Kambale	2017	7 th International Conference on Recent Trends in Engineering, Science & Management (ICRTESM-17)	ISBN:978-93-86171-12-2	Genba Sopanrao Moze College of Engineering, Balewadi-Baner, Pune
2.	"DWT-SVD Based Watermarking Techniques for Color Images"	Prof. N P Mawale and Ms. Madhuri V Thube	2013	International Interdisciplinary Conference on Recent Trends in Commerce, Management, Engineering, Technology and Social Sciences (IJAMTES)	ISSN:2249-7455	IJAMTES

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	02	

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Institution of Engineers (India)	National	Life	M-157914-7
Institution of	National	Life	C.Eng.(I)

Engineers (India)			
Indian Society for Technical Education	National	Life	LM 43932
International Association of Engineers (IAENG)	International	Life	Member No.224914
International Association of Engineers (IAENG) (16 Societies of IAENG)	International	Life	Member No.224914

Patents/IPR Filed/Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
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Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
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Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
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Details of Workshop/STTP/FDP/Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01	"Promotion of Quality Culture in Technical Education"	FDP	1 Week	National	ISTE & IE(I)
02	"Advanced Teaching Tools, Techniques and Methodologies For Outcome Based Education "	FDP	! Week	National	ISTE & IE(I)

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	AISSMS College of Engineering, Pune	Success Story Journey Towards Students' Chapter Awards	Regional	14.07.2014
2	AISSMS Polytechnic	Institution of Engineers (India) Faculty Membership and Students' Chapter awareness Drive	National	14.09.2017
3	CSMSS College of Engineering, Aurangabad	Institution of Engineers (India) Faculty Membership and Students' Chapter awareness Drive	National	23.09.2017 & 24.09.2017
4	AISSMS Polytechnic, Pune	Poster Presentation Judge	Regional	19.09.2018

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
5	AISSMS College of Engineering, Pune	Digital Electronics and Logic Design	Regional	08.10.2018
6	AISSMS's Shri Shivaji Preparatory Military Day School & Junior College	Career Guidance in Opportunities and better Future prospects in Engineering	Regional	14.01.2019
7	MIT School of Engineering, Pune (MIT-ADT University)	Awareness on formation of students' Chapter at MIT-SOE	National	06.02.2019
8	AISSMS Polytechnic, Pune	Honored Guest for Project Exhibition	Regional	15.02.2019
9	AISSMS Polytechnic, Pune	Chief Guest for Inaugural ceremony of Python Workshop	Regional	28.02.2019
10	AISSMS College of Engineering, Pune	CETL's FDP Role of Students' Chapter in NBA Process	Regional	14.06.2019
11	AISSMS Polytechnic, Pune	Awareness of Institution of Engineers (India) Faculty Membership and Student Chapter Membership Drive Presentation	Regional	10.08.2019
12	AISSMS Polytechnic, Pune	Invited as Resourse Person for Awareness of Institution of Engineers (India) Students' Chapter dursing Induction Program	Regional	20.08.2019 to 23.08.2019

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
13	SSGM College of Engineering, Shegaon	1 Day Workshop on Documentation of Professional Societies	Regional	31.08.2019
14	AISSMS Polytechnic, Pune	Awareness and benefit of Institution of engineers (India) Students' Chapter Membership	Regional	17.01.2020
15	AISSMS Polytechnic, Pune	Chief Guest for Valedictory Function of Digital Forensic and Cyber Security Workshop	Regional	18.01.2020
16	AISSMS COE, Pune (First Year Department)	Professional Societies Students Chapter Importance and Benefits in First Year Engineering Student Induction Program (5 Sessions)	Reginal	13.01.2020 to 20.01.2020
17	AISSMS COE, Pune (Chemical Department)	Student Chapter Activities	Regional	29.07.2020

Details of Workshop/STTP/FDP/Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	Faculty Orientation Workshop on "Digital Electronics" on SE(E&TC/Elax) Revised syllabus 2015 Course	FDP	June 09- 11, 2016	Dept. of Electronics & TC Engineering Bhivarabai Sawant College	BoS E&TC, SPPU, Pune

				of Engineering and Research, Narhe, Pune	
2	Faculty Orientation Workshop on “Control Systems” on SE(E&TC/Elex) Revised syllabus 2015 Course	FDP	December 15-19, 2016	Dept. of Electronics & TC Engineering NBN Sinhgad School of Engineering, Pune	BoS E&TC, SPPU, Pune
3	Faculty Orientation Workshop on “Business Management / Business Management & Organisation” on TE Electronics Revised syllabus 2015 Course	FDP	December 14-15, 2017	Dept. of Electronics and Telecommunication Engineering, RMD Sinhgad School of Engineering, Warje, Pune	BoS E&TC, SPPU, Pune
4	Vision-Mission-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment	FDP	June 10-15, 2019	AISSMS College of Engg, Pune	ISTE-IEI
5	One Week Faculty Development Program on “Data Science”	FDP	June 17-22, 2019	Shivaji University, Kolhapur and Dept. of E&TC AISSMS College of Engineering, Pune	MHRD under RUSA and Shivaji University

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Student Branch Counselor of Computer Society of India, Students' Chapter: 06 Years
2	Faculty Adviser of Institute of Engineers (India) Students' Chapter: 09 Years
3	Institute Level Overall Coordinator: National Level Technical Symposium: AISSMS Engineering Today: 07 Years
4	NBA Criteria In charge: Department Level: 04 Years

S. No.	Role and Responsibilities
5	NAAC Coordinator: Department Level: 03 Years
6	Elected Faculty Adviser Member: All India Students Committee (AISC) of Institution of Engineers (India) in Academic Year 2014-15, 2016-17 & 2018-19.
7	Chairman: Paper Setter, Class: ME-I, Subject: RFMC 2013 Course at SPPU, Pune
8	Chairman: Practical Examination Oct/Nov-2017, Class: SE, Subject: Digital Electronics (2015 Course) at SPPU, Pune.
9	Chairman: Students' Chapter Committee at Institute Level: 06 Years
10	Coordinator: Professional Societies Committee at Institute Level: 02 Year
11	Paper Setter at SPPU, Pune, Class: TE Electronics (2015 Course) Subject: Business Management and organization (In semester and End semester)
12	Paper Setter at SPPU, Pune, Class: BE Electronics (2015 Course) Subject: Optical and Microwave Communications (In semester and End semester)
13	Chairman: Central Assessment Process of SPPU, Pune for Business Management (TE E&TC) and Business Organisation and Management (TE Electronics) (2019-2020)

Awards Received

S. No.	Awards
1	Excellent Teacher Award from MT Research and education Services, Gajabad, UP on Date: 15.09.2019
2	Best Faculty Award (Male) by Global education and Corporate Leadership (GECL) on Date:15.12.2019
3	Best Academician of the Year Award by Global education and Corporate Leadership (GECL) on Date:15.12.2019
4	Paper Presenter Award at International Conference from Computer Society of India, Held at Ahmadabad (2010-2011)
5	Best Engineering College Students' Chapter Award at National Level Award of Institution of Engineers (India) for the Academic Year 2018-19. Worked as Faculty Adviser of IEI Students' Chapter (E&TC Engineering) Award Distubution Ceremony at Jaipur on Date:10.11.2019
6	Third Best Engineering College Students' Chapter Award (2017-2018)

S. No.	Awards
7	Best Engineering College Students' Chapter Award (2015-2016)
8	Best Engineering College Students' Chapter Award (2014-2015)
9	Third Best Engineering College Students' Chapter Award (2013-14)
10	Best Engineering College Students' Chapter Award (2012-13)
11	Computer Society of India Best Students' Chapter Award (2012)
12	Computer Society of India Best Students' Chapter Award (2011)
13	Computer Society of India Best Students' Chapter Award (2009)

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Prof Nitin P Mawale

(Name with Signature)