

Faculty Profile

- **Faculty Name** : **Mrs. Ashwini Chandrakant Patil**
- **Designation** : **Assistant Professor**
- **Department** : **Electronics & Telecommunication Engineering**
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• Educational Qualification

Sl.	Degree	University	Class
1	PhD (Scholar) - Electronics & Telecommunication Engineering	Shivaji University, Kolhapur	Pursuing
2	M. Tech. – Electronics Engineering	Shivaji University, Kolhapur	First Class
3	B.E. - Electronics & Telecommunication Engineering	Shivaji University, Kolhapur	First Class with Distinction
4	Diploma - Electronics & Telecommunication Engineering	M.S.B.T.E, Mumbai	First Class with Distinction

• Professional experience:-

Total experience in years:-3.10

Teaching: - 3.10

Industrial: -00

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	22 th June 2026 to Till Date
2	Annasaheb Dange College of Engineering & Technology, Ashta	Assistant Professor	July 2025 – March 2026
3	Nanasaheb Mahadik Collage of Engineering, Peth	Assistant Professor	July 2019 – June 2021
4	Jaywant College of engineering & Management, K. M. GAD	Assistant Professor	September 2018 – July 2019

➤ Subject Taught:-

Undergraduate Subjects			
1	Cloud Computing	2	Fundamentals of IOT
3	Power Electronics	4	Digital Logic Design
5	Blockchain Technology	6	Analog Communication
7	Cyber Security	8	Digital Communication

➤ Project Work at U.G.:-

Impact of wireless communication Delay

1. Project Work at P.G.:-

Neural Network Based Lung Pattern Classification For Interstitial Lung Diseases.

➤ Research Area of Interest: - Digital Electronics, Machine Learning, Communication.

➤ Book Published- 1

➤ Patent - 1

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Neural network based lung pattern classification for interstitial lung diseases.	Journal of Biomedical and Instrumentation Engineering.	IJ	June 2018	Vol.3 Issue 2
2	Secure IOT Enables ESP32 Wi-Fi repeater with intrusion detection, traffic visualization and firewall: Towards a scalable	journal of IR & SD of springer	I	31 October	ISBN:978-93-344-3977-9
3	Book Published	Published_text book entitled-“Basic Electrical, Electronics and Measurement Engineering.”(1st Ed.)	I	24 th February 2026	ISBN 978-81-69011-33-4

* NJ- National Journal IJ- International Journal

➤ No. of Project Guided at U.G. Level:-03

➤ No. of Project Guided at P.G. Level:-00

➤ STTP/FDP/Workshops/Attended/Participated:-

Sl.	Title of the Programme	Organizer	Duration	Duration
1.	Training on "Broadband & GSM Technology"	BSNL, Sangli.	16 June 2014 – 21 June 2014	Six Days
2.	Workshop on "PCB DESIGN"	P.V.P.I.T., Budhgaon	1 March 2013 – 2 March 2013	Two Days
3.	Workshop on "Android Operating System"	P.V.P.I.T., Budhgaon	25 March 2015	One Day
4.	Workshop on "Digital Signal Processing" under TEQIP	IIT Bombay	20 March 2016	One Day
5.	Faculty Development Workshop on "NAAC: Revised Accreditation Framework" under RUSA	Shivaji University, Kolhapur (RUSA)	8 May 2019 – 10 May 2019	Three Days
6.	Faculty Development Program on "Virtual Lab: A Tool in Internet Based Experimentation"	NMCOE, Peth	24 August 2019	One Day
7.	Short Term Training Program (STTP) on "Renewable Energy Sources and Technology: A State of Art"	D-BATU, Lonere	23 September 2019 – 27 September 2019	One Week

8.	Faculty Development Program on "Opportunities and Challenges in Electronics and Allied Industries in India Post COVID-19"	NMCOE, Peth	22 August 2020	One Day
9.	Short Term Training Program (STTP) on "Theory Operation and Application of transducer and actuator in industry"	NIT, Kolkata	30 December 2019 – 3 January 2020	One Week
10..	FDP on "Machine Learning & Its Application"	SIT, Yadrav (Ichalkaranji)	16 March 2021 –20 March 2021	Five Days
11.	AICET Approved FDP on “ Free and open source software for electronics and electrical engineering”	Sinhgad Institute, Solapur	28 June 2021–2 July 2021	One Week
12.	FDP on "Electric Vehicle Technology"	NMCOE, Peth	05 Jul 2021 -09 July 2021	One Week
13.	FDP on "Robotic Process Automation"	NMCOE, Peth	13 July 2021 -17 July 2021	One Week
14.	FDP on "Advanced Research Methodology"	NMCOE, Peth	26 July 2021 -30 July 2021	One Week
15.	FDP on "Agentic AI: The Next Evolution in Intelligent System"	ADCET, Ashta	5 December 2025	One Day
16.	FDP on "Cloud Computing"	JBLET, Hyderabad, Telangana	14 July 2025– 18 July 2025	five Day
17.	FDP on "AI & ML: India's Path to AI Vishwa Guru"	ADCET, Ashta	7 July 2025 – 11 July 2025	five Day
18.	FDP on "Data Analytics using Power BI"	AIT, Bangalore, Karnataka	28 July 2025 – 1 August 2025	five Day
19.	AICTE Approved FDP on "Universal Human Values (UHV) & Ethics in NEP 2020"	Dr. J. J. Magdum College of Engineering, Jaysingpur	21 November 2025 - 27 November 2025	One Week
20.	FDP on "Community Engagement Programme for All Subject Teachers"	Shivaji University, Kolhapur	21 November 2025	One Day
21.	ISTE Approved FDP on "5G Network & Security"	DKTE, Ichalkaranji	8 December 2025- 12 December 2025	One Week

22.	NPTEL Course on "Accreditation and Outcome Based Learning"	NPTEL	2025	Eight Weeks
23.	NPTEL Course on "Internet Crimes and Cyber Security"	NPTEL	2026	Eight Weeks
24.	FDP on "Electrical System Modelling and Solar Policies"	Sanjay Bhokare Group of Institutes, Miraj	18 Jul 2020 – 21 Jul 2020	Four Days

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1.	Delivered Guest Lecture on, “Cyber Security” at B. K. Chougule School, Ashta.	ADCET, Ashta	22 th November 2026
2.	Socio Outreach Activity on “Awareness of Digital Safety” at B.K.Chougule School, Ashta.	ADCET, Ashta	28 th February 2026
3	IIC activity on “Cyber Security Awareness” at ADCET, Ashta.	ADCET, Ashta	29 th October 2025
4.	IIC activity on “Awareness program on Intellectual Property Rights (IPR)” at ADCET, Ashta.	ADCET, Ashta	6 th November 2025

➤ **Special Achievements :-**

- Worked as external senior supervisor for SUK Exam in 2018-2019.

➤ **Departmental Responsibilities: -**

Class Coordinator, Website coordinator, Best Practices, Extension/Social Activity coordinator, Feedback and Action Taken coordinator.