



Mr.Amit Madhukar Patil
Assistant Professor

**Department of Engineering and
Technology, Navi Mumbai**

EDUCATION

Programme	Degree	Institution	Year	Class
Ph.D	Ph.D (Electronics & Communication Engineering)	Suresh Gyan Vihar University, Jaipur	Pursuing	Synopsis Submitted
PG	M.E. (Electronics)	Mumbai University	2015	First
UG	B.E. (Electronics & Telecommunication Engineering)	Dr. B.A.M.U. Aurangabad	2008	First with Dist.
Diploma	Diploma (Electronics & Telecommunication Engineering)	Dr. B.A.T.U. Lonere	2005	First with Dist.

EXPERIENCE

Teaching: 13 Years

Industry: 01 Year

Projects / Achievements

- Innovative teacher devoted to Education and Learning for the last 13+ years
- Research interests include Antenna Design, Image Processing.
- Good Research Publications including Journals and conferences at the international/national level indexed in Scopus.
- Published 1 book.
- In strong association with Bharati Vidyapeeth, Navi Mumbai in last 13 years, key responsibilities were held touching almost educational activities and tasks related to processes such as:
 - Theory and Practical Examinations
 - Custodian for University Examinations.
 - Question Paper setter for the University Examination.
 - Student Guidance and Career Counselling,
 - Laboratory Development with Equipment Procurement
- Active participation in Co-curricular and Extracurricular activities of BVDU DET Navi Mumbai

- Active participation in BVDU as a member of various committees constituted by Management.
- Professional Memberships: ISTE, IEI

Academic Projects :

Project Title :“Retrieval of Image Content with Non Separable Multi Resolution Wavelet Transform using Lifting Scheme”

Details :The result of separable and non-separable wavelet transform can be Compare by using lifting schemes.

Project Title :“Interactive Voice Response System”

Details :The interactive response system is a media between a Telephone line and Computer. By entering the data into the computer we can get the voice Information on telephone line.

Project Title :“Remote Controlled Digital Audio Processor”

Details :The remote controlled digital audio processor is based on microcontroller (AT89C51) and audio processor. In this only one remote control can control the four audio instruments.

Faculty Trainings Attended :

- ✓ Deep Learning Application Development,Tools and Research,organized by Dept. of Artificial Intelligence and Data Science,VIIT, Pune held from 28th February to 4th March 2023.
- ✓ User Awareness Program of VIDWAN Database IRINS (Indian Research Information Network System) Services on 30th January 2023.
- ✓ 5G – Advanced Antenna design and analysis using Ansys HFSS. 7th Dec. 2022.
- ✓ Data Science: Tools and Research. 1st Nov 2022 to 5th Nov 2022.
- ✓ AI ML in Research on Engineering Science” during 6th -10th June, 2022.
- ✓ MATLAB Applications in Industry 40. 12.08.2021 & 13.08.2021
- ✓ Motivational Talk on "Going Beyond Your Belief System"10- July - 2021.
- ✓ IBM SkillsBuild – Basics of Artificial Intelligence. 5th July 2021 to 7th July 2021.
- ✓ STTP on " Embedded System Design" 14th June 2021 to 19th June 2021.
- ✓ Data Science & Big Data Analytics 14th June 2021 to 19th June 2021.
- ✓ Internet of Things for Futuristic Smart Systems. 17th May 2021 to 21st May 2021
- ✓ Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020) May 26-30, 2020.
- ✓ Webinar on Wireless Communication Towards 5G. 25th May to 29th May 2020.
- ✓ Faculty Development Program on"Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19"from 25th to 30th May 2020.
- ✓ Webinar on “Career Oriented Teaching Learning ” MAY 22 , 2020.
- ✓ Webinar on “Future Effective Learning Techniques ” MAY 21 , 2020.

- ✓ Webinar on “ Problem / Project Based Learning” MAY 20 , 2020.
- ✓ Webinar on How to access Taylor & Francis journals. MAY 19 , 2020.
- ✓ the India First Leadership Talk webinar with Prof D. P. Singh, Chairman UGC Broadcasted on 9th May, 2020 by MHRD’s Innovation Cell.

Publication:

Publications	International Journal (s)	03	National Journals (s)	0
	International Conference:	1	National Conference:	0

Publication Details

Google Scholar:

<https://scholar.google.com/citations?user=d5zw5mkAAAAJ&hl=en>

Patents :

- Device For Vehicle And Charging Station Communication, Application ID:381341-001.
- A method of implementing a Vigorous and Efficient Trust Model for Security Enhancement in MANET, Application No. 202121033330.

Book Published

- C- Programming for Beginners

Courses Delivered

- Principles of Electrical Engineering
- Electrical Technology
- Principles of Electronics
- Digital Electronics
- Principles of Digital Technique
- Microcontrollers
- VLSI
- Mobile Communication
- Power Electronics
- Linear integrated Circuits
- Basic electronics
- Embedded systems
- Control systems

Extra activities

- ✓ Paper presented at IJECE and IJPRET
- ✓ Member of ISTE and IEI
- ✓ Induction Phase-I Staff Training organized by NITTR Bhopal.18th -29th May-2015
- ✓ Participated in national level paper presentation-2008 (Technical Event)

Computer Skills

✓ ANSYS EM, MATLAB, Xilinx ISE 10.1, Rockwell, Keil, C language.

Personal Profile

13 years of teaching experience in electronics & telecommunication department and 8 months of industrial experience in medical electronics department. Operation and maintenance of electronics projects, Commercial knowledge of new technologies and cost reduction techniques considering environmental parameters to maintain smooth reliable operations.

Objective:

Seeking a challenging position where I can effectively contribute my skills as well as my knowledge for the progress of the concerned organization & myself.