

FACULTY PROFILE

1. Personal Details.

Name : DR. NAYANA R SHENOY
Designation : ASSOCIATE PROFESSOR
Date of Birth: : 13-08-1977
Father's Name : RAMDAS BHAT
Mother's Name : ASHA R BHAT
Job Type: : PERMANENT
Pay scale and Basic :
Employee ID : MLU05



2. Contact Information.

Postal Address : #2002, "EKADANTA", 6th B Cross, 1st D Main,
Kengeri Satellite Town, Bangalore-560060
Official E-mail ID : nayanarshenoy.ml@drait.edu.in
Telephone No. : -
Mobile No. : 9448478896

3. Educational Qualification.

Degree	Specialization	Board/ University	Year of Passing	Class Obtained
Ph.D.	Electrical And Electronics Sciences	VTU	2021	
M.E./M.Tech.	Electronics	VTU	2009	Distinction
B.E./B.Tech.	Biomedical	Mangalore	1999	Distinction

4. Experience.

		Institution/Company	Designation	Duration
Teaching	:	Dr. Ambedkar Institute of Technology	Associate Prof.	3 years 7 Months
			Assistant Prof.	11 years
			Selection Gr.Lecturer	5 Months
			Sr.Scale Lecturer	4 years
			Lecturer	6 years
Industrial	:	-		
Total Experience				25 years

5. Areas of Specialization.

- Image Processing
- Machine Learning
- Biomedical Signal Processing

6. Courses Taught.

UG Courses:C,C++,Digital Electronics, HDL,Signals & Systems, Microcontroller, Control Systems, Network Analysis ,DSP,LIC, Image Processing, Biomedical Signal Processing, Biomaterials and Artificial Organs, Biology for Engineers, Biomedical Equipments, Rehabilitation Engineering, Programming with Python ,Research Methodology.

PG Courses:-

Laboratory Courses: C,C++,Microcontroller,LIC,AEC,ADE, DSP,DIP.

7. Research Publications.

Sl. No.	
1	International Journals
	07
2	National Journals
	-
3	International Conferences
	04
4	National Conferences
	06
5	Book Chapters
	—
6	Books Published
	—

8. Research Projects and its details.

Sl. No.	Title	Funding agency/ Industry	Duration	Amount	Sanctioned/ applied	If sanctioned, status?
	—					

9. Patents Applied/Granted: National. International, commercialized.

Academic Year	Patent Number & Date of filing	Title	National/International	Published Date	Grant Date
	—				

10. Sponsored Programs / Grants.

Sl. No.	Agency	Project Title	Amount	Duration
	—			

11. FDPs, Workshops, STTPs, MOOCs Attended.

Sl. No.	Program	Organization	Duration	Year
NPTEL				
1	Deep Learning for Natural Language Processing	IIT,Kharagpur	12 Weeks	2026
2	VLSI Design Flow: RTL to GDS	IIFT, Delhi	12 Weeks	2025
3	Programming in Java	IIT,Kharagpur	12 Weeks	2024
4	Data Base Management System	IIT Kharagpur	8 Weeks	2024
5	Python for Data Science	IIT Madras	4 Weeks	2023
6	Software Testing	IIIT Bangalore	12 Weeks	2021
7	NBA Accreditation and Teaching-Learning in Engineering	IISc, Bangalore	12 Weeks	2021
8	Digital Image Processing	IIT,Kharagpur	12 Weeks	2020
FDPs/Workshop/STTP				
1	Exploring the Synergy between eAcoustics and Machine Learning for Tomorrow's Technologies	Dr.Ambedkar Institute of Technology(ATAL)	1 Week	2025
2	AI Tools	Dr.Ambedkar Institute of Technology	1 Week	2025

3	Emerging Trends in Image Processing using Artificial Intelligence	Dept of ECE,SJMIT,Chitradurga	5 days	2025
4	Advancing Healthcare with Robotics: Rehabilitation therapy& Sports Medicine	Sona College of Technology(ATAL)	1 Week	2024
5	Deep Learning	Army Institute of Technology	2 Weeks	2023
6	Neurorehabilitation and Stroke Management	Dept of Biomedical Engineering, Karpagam Academy of Higher Education	1 Week	2023
7	Modern Medical Instrumentation	Dept. of Biomedical Engineering,SRM Institute of Technology,TamilNadu	5 days	2023
8	Signal and Image Processing Innovations in Computational Neuroscience	Ramaiah Institute of Technology,Bengaluru	1Week	2022
9	Competence to Explore Artificial Intelligence World	Dr.Ambedkar Institute of Technology	1 Week	2022
10	Computer Vision and Image Processing: Research issues, Innovation and Application	PSNA College of Engineering & Technology	2 Weeks	2021
11	Research avenues in healthcare technology.	JSS College of Engineering,Mysuru.	1 Week	2020
12	Advances in Artificial Intelligence, Machine Learning & Robotics.	Vidyavardhaka College of Engineering,Mysuru	5 days	2020

12.FDPs, Workshops, STTPs, MOOCs Organized.

Sl. No.	Program	Role	Duration	Year
1	Exploring the IEEE Conference, its Challenges and Opportunities	Coordinator	1 day	2026
2	Talk on Personality Development	Coordinator	1 day	2019
3	Developing Fluency in Handling Popular Academic Software Tools for Technical Staff.	Coordinator & Resource Person	5 days	2018
4	EDA Tools: ASLK Pro & TINA and CCS	Coordinator	6 days	2015
5	Introduction to Python Programming	Coordinator	1 day	2013

13. Membership of professional bodies/societies and its details.

Sl. No	Society/ Professional Body	Type of Membership Ex: LM/Y/HY...
1	Indian Society for Technical Education	LM
2	Biomedical Engineering Society of India	LM

14. Administrative Responsibilities.

Department Coordinator:CIE Coordinator

NBA/NAAC Coordinator:Criteria head

Examination Duties: Paper Setting, Valuation, Invigilation.

Other Institutional Responsibilities:NPTEL SPOC, Academic Audit,Mentor

15. Awards and Recognitions.: NPTEL Topper

16. Invited Talks / Guest Lectures (As a Resource person).

1. STTP -Developing Fluency in Handling Popular Academic Software Tools for Technical Staff in year 2018.

2. Skill Lab on IOT in year 2025.

17. Professional Development Activities.

- Reviewer for Journals: Yes
- Editorial Board Membership: -
- Session Chair: -
- Technical Committee Membership: -

18. Publications Profile Links.

Google Scholar:cqqvoc8AAAAJ

Scopus Author ID:57191247056

ORCID ID:0009-0003-6650-165X

Web of Science Researcher ID: -

Vidwan Profile: 156356