

FACULTY PROFILE

1. Personal Details.

Name : VIDYASHREE N
Designation : ASSISTANT PROFESSOR
Date of Birth: : 21/06/1989
Father's Name : NARASEGOWDA B V
Mother's Name : GOWRAMMA
Job Type: : PERMANENT

Employee ID : ECU32

Photo



2. Contact Information.

Postal Address : #365,Skanda Nilaya, Annapoorneshwari Nagar, D-group, Health Layout, Nagarbhavi, Bangalore-91

Official E-mail ID : vidyashreen.ec@drait.edu.in

Telephone No. :

Mobile No. : 9964042452

3. Educational Qualification.

Degree	Specialization	Board/ University	Year of Passing	Class Obtained
Ph.D.	Communication	VTU	Pursuing	-
M.E./M.Tech.	VLSI and Embedded Systems	VTU	2015	FCD
B.E./B.Tech.	Electronics and Communication Engineering	VTU	2010	FC
Others	Diploma	DTE	2007	FCD

4. Experience.

		Institution/Company	Designation	Duration
Teaching	:	East West Institute of Technology	Assistant Professor	4 Years
		Dr. Ambedkar Institute of Technology	Assistant Professor	4 Years
Industrial	:	ICT Service Management Solutions (India) Pvt Ltd	BSO	1 Year
Total Experience				9 Years

5. Areas of Specialization.

- VLSI and Embedded Systems
- Analog and Digital Communication
- C, C++, Python

6. Courses Taught.

UG Courses: DSDV, Basic Electronics,DSP, Analog Electronics, Digital Communication, VLSI, C, C++ Python

PG Courses:NIL

Laboratory Courses:ADE Lab, DSDV Lab, Fundamentals of ECE Lab, Programming Labs, VLSI Lab, DSP Lab, Verilog HDL Lab, Microcontroller Lab

7. Research Publications.

Sl. No.	International Journals
1.	Vidyashree N,Sohan Kumar A, Mohan D,Naveen Araganji, Nithin N J " <i>AI-Based College Information Assistance Chatbot</i> ," International Journal of Scientific Research in Engineering and Management, vol. 9, no. 12, p. 1-5, Dec 2025. DOI: 10.55041/IJSREM54977
2.	T V Bindushree, Chethan C R, Lokeshwari G, Rakshitha H D, Vidyashree N, " <i>Smart Parenting Care Robot using RaspberryPI Pico</i> ," International Journal of Innovative Research in Computer and Communication Engineering, vol. 13, no. 1, p. 405-411, Jan 2025. DOI: 10.15680/IJIRCCE.2025.1301058
3.	Vidya Shree N, P N Shashank, Nithesh H M, Neha A," <i>SOHO network using Cisco packet tracer and LoRa</i> ," International Journal of Scientific Research in Engineering and Management, vol. 8, no. 6, p. 1-6, June 2024.

4.	Vidyashree N,Akanksha S N, Basavaraju K L, Kruthika A, Lavanya C, " <i>Driving Control Issues And Remedies for Smart Car</i> ," International Journal of Scientific Research in Engineering and Management, vol. 7, no. 6, p. 1-5, Jun 2023.
5.	Vikas Raj G.M, N.S. Akshay, Vismay S Kashikar, Vinay S.M, Vidyashree N, " <i>Border Trespasser Classifier using wireless sensor network</i> ," International Journal of All Research Education & Scientific Methods, vol. 10, no. 6, p. 2366-2371, June 2022.
6.	G. D. Archana, H. Chandana, N. Sanjay, P. Shashikumar, N Vidyashree , " <i>High Security and Low Power Nano AES Security Algorithm for Image Cryptography</i> ," International Journal of Research in Engineering, Science and Management, vol. 5, no. 6, p. 286-288, June 2022.
7.	Vidya Shree N," <i>Autonomous Pesticide sprayer agribot with internet based voice navigation and attached solar system</i> ," International research Journal of Modernization in Engineering Technology and Science, vol. 4, no. 6, p. 1-6, June 2022.
	National Journals
	NIL
	International Conferences
1.	Vidyashree N, " Performance Optimization of Long-Haul 10 Gbps Optical Networks Using Balanced Symmetric Dispersion Management and Dual-Stage EDFA Configurations," IEEE Explore, vol. X, no. X, p. , July 2026.
2.	Vidyashree N, " Performance Optimization of Long-Haul 10 Gbps Optical Networks Using Balanced Symmetric Dispersion Management and Dual-Stage EDFA Configurations :A <i>Technical Review and Simulation Study</i> ," 5 th World Conference on Multidisciplinary Research and Innovation(WCMRI-2026), organized by IFERP Academy, vol. X, no. X, p. , July 2026.
	National Conferences
	NIL
	Book Chapters
	NIL
	Books Published
	NII

8. Research Projects and its details.

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

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

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

10. Sponsored Programs / Grants.

Sl. No.	Agency	Project Title	Amount	Duration
	NIL			

11. FDPs, Workshops, STTPs, MOOCs Attended.

Sl. No.	Program	Organization	Duration	Year
1.	Promoting and Managing Agri Export Supply Chain at	INDIAN INSTITUTE OF PLANTATION MANAGEMENT	One Week 21/10/2024 to 26/10/2024.	2024
2.	Languages and Methodologies for Future ASIC Verification	SJB INSTITUTE OF TECHNOLOGY	One Week 26/08/2024 to 31/08/2024.	2024
3.	High Performance Computing (HPC)	C-DAC	July 22, 2024 to July 26, 2024	2024
4.	Communication Networks	NPTEL	12 weeks	2026

			Jan- Apr 2026	
5.	Computer Networks and Internet Protocol	NPTEL	12 weeks Jan- Apr 2026	2026
6.	Climate Risk Management (Prog. Code: SPL41F)	NTTTR Kolkatta	One- Week 9th February to 13th February, 2026	2026
7.	Exploring the Synergy between eAcoustics and Machine Learning for Tomorrow's Technologies	DR. AIT	15/12/2025 to 20/12/2025.	2025
8.	5-Day Workshop on RTL Design & Verification	The Silicon Sandbox - VLSI Training Institute	13th October to 17th October 2025,	2025
9.	National Level Online Workshop on "Application Development with AI and Essential Skills"	BRAINOVISION SOLUTIONS INDIA PVT. LTD.	June 23 to June 27, 2025.	2025
10.	AI Mastery of Educators	Vishlesan i-HUB IIT Patna	May 15 to June 7, 2025.	2025
11.	AI Tools	Dr. AIT in assocation with BRAINOVISION SOLUTIONS INDIA PVT. LTD.	Feb 17 to Feb 21, 2025	2025
12.	Swayam Courses-8 modules	NITTTR	12 weeks	2025
13.	VLSI Physical Design Using Synopsys Tools	VLSIGuru Training Institute,	24-06-2024 To: 26-06-2024	2024
14.	IOT, Embedded Systems &AI	JSSATEB STEP	4th to 29th March 2024	2024

15.	Cyber Security and Ethical Hacking"	Kalpataru Institute of Technology	12th Feb - 17th Feb 2024	2024
16.	Applied Cloud Computing for Full Stack Web Development	Techsaksham	8th January 2024 to 12th January 2024.	2024
17.	Opportunities and challenges in Entrepreneurship	JSSATEB STEP	3rd January 2024 to 19th January 2024.	

12.FDPs, Workshops, STTPs, MOOCs Organized.

Sl. No.	Program	Role	Duration	Year
1.	“Outcome to Excellence: Understanding the New NBA Accreditation Paradigm”	Coordinator	One day	10th February 2026
2.	Tech-Explore	Coordinator	One-day	23rd December 2025

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

Sl. No	Society/ Professional Body	Type of Membership Ex: LM/Y/HY...
1.	IAENG, IFERP	LM

14.Administrative Responsibilities.

Department Coordinator: Project,Website, Graduation, Skill Lab

NBA/NAAC Coordinator:NBA Criteria 3 and 4 member

Examination Duties: SEE Invigilator, SEE Question Paper Setter, Lab Examiner, Exam Paper Valuator

Other Institutional Responsibilities: NITTT Coordinator, IIRS Coordinator

15.Awards and Recognitions.

Best Paper Presentation(Virtual) at the 5th World Conference on Multidisciplinary Research and Innovation(WCMRI-2026), organized by IFERP Academy, held on 24th and 25th July 2026 in Singapore as a Hybrid Conference.

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

NIL

17.Professional Development Activities.

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

18.Publications Profile Links.

Google Scholar: <https://scholar.google.com/citations?hl=en&user=0rm0XYwAAAAJ>

Scopus Author ID: NIL

ORCID ID: <https://orcid.org/0009-0004-6895-1424>

Web of Science Researcher ID: QWC-2237-2026.

Vidwan Profile: <https://vidwan.inflibnet.ac.in/profile/354910>