P.E.S. College of Engineering, Mandya - 571401
(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Meghana S
Designation,	Assistant Professor
Department & Affiliated Institution	Department of Electronics & Communication, P.E.S College of Engineering, Mandya – 571 401
Research Area	Wireless communication
Contact Number	+91 8105862449
Email ID	meghanas@pesce.ac.in

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
M. Tech	R.V College of Engineering	VTU	2020	9.3(CGPA)	FCD
B.E	Vidya Vardhaka College of Engineering	VTU	2016	73	FCD

Professional Experience

Organization and Department	Designation	Period	Total Experience
PES College of Engineering, Mandya. E&C	Assistant Professor	21/04/2021 to till date	2 years 3 months
HS Brands Global Pvt Ltd	Project Coordinator	Jul-2019 to Jan2020	6 months
Transpire Innovations Pvt Ltd.	Project Coordinator	Mar-2020 to Feb 2021	1 year

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Undergraduate: Microwave & Antennas, Wireless communication Techniques & Standards, Digital Design using Verilog lab, Microcontroller lab, Optical communication and networks, Analog and didgital communication, circuit simulation lab, advanced communication lab, Fundamentals of wireless communication.

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	-	*3*
Conferences/Symposia	*1*	

Other Important Responsibilities Held in the College

1. **Admission Committee Co-ordinator** PESCE during 2021-2022, 2022-2023.

2. **Institution Innovation Council Co-ordintor** for Industry Implant Training, during 2021-2022, 2022-2023.

3. **Department Staff Association Secretary,** during 2021-2022, 2022-2023

4. Department **DUGC Member** during 2022-2023.

Additional Responsibilities

1. Organised ECE ladies Cricket Tournament 2022.

2. Department Cultural Activities 2021-2022, 2022-2023.

LIST OF PUBLICATIONS

1. Meghana S, (2023). "Design and Developing of An online college portal for effective information management", International Journal of advanced Research in computer and communication Engineering (IJRCCE), Volume 12, issue 6, june 2023.

2. Meghana S, (2023). "Developing An Application for Identification of missing children and criminal using Face recognition", International Journal of advanced Research in computer and communication Engineering (IJRCCE), Volume 12, issue 6, june 2023.

3. Meghana S, Roja Reddy B. (2020). "Implementation of ANFIS Algorithm for efficient Spectrum Hands-off in Cognitive Radio Networks". International Journal of Electrical Engineering & Technology (IJEET) Journal, ISSN: 0976-6553 Vol. 11, Issue 4, pp. 30-44.

4. Meghana S, Pooja Dayananda K. (2019) "Implementation and Analysis of Optical Interconnection Network Using Machine Learning" in the National Conference on "Communication Standards & Systems held at RVCE, Bengaluru.

5. Published article on "Electronic Nose: for department newsletter, Department of Telecommunication Engineering, RVCE, Volume VIII, Issue 1, may 2020.

Workshops and Webinar Attended:

1. Internet of Things Workshop conducted by Technophilia Solutions on 16th and 17th Feb 2019 at National Institute of Technology Karnataka, Surathkal.
2. Workshop on Palo Alto Networks Cyber security Academy –cybersecurity foubdation, Network Security fundamentals, cloud security fundamentals, security operations fundamentals.
3. Attended a webinar on Effective implementation on NBA Guidelines held during Apr 26th 2023.

FDP Attended:

1. Attended a Faculty Development programme on **Fundamentals of Artificial Intelligence on** oct 2021.

2. Attended a Faculty Development programme on **High Performance Computing** held during 12.01.22-19.01.22.

3. Attended a Faculty Development programme on **using IEEE eResource for doing effective Academic & research work** held on 19th july 2022.

4. Attended a Faculty Development programme on **using IEEE eResource for doing effective Academic & research work** held on 19th july 2022.

5. Attended a Faculty Development programme on **Analytical Techniques for nanomaterial's** held during 18th -25th july 2022.

NPTEL Course:

NPTEL – AICTE Course completed on Fundamentals of Artificial intelligence on Jul 2021