<u>Department of Computer Science and Engineering</u>

NAME	*P.Deepa*			
UNIQUE ID	*1-421847247*			
DESIGNATION	Assistant Professor(SG)			
QUALIFICATION	B.E.,M.E.,(Ph.D)			
EMAIL ID	deepaece@sethu.ac.in			
ALTERNATE EMAIL ID	deepauma4@gmail.com			
EXPERIENCE	INDUSTRY	TEACHING	TOTAL	
	-	20 YEARS 1 MONTHS	20 YEARS 1 MONTHS	
DATE OF JOININGTHE INSTITUTION	05.07.2008			
RESEARCH FOCUS	***Wireless Communication***			
SUBJECT COMPETENCY	1.DIGITAL ELECTRONICS AND CIRCUITS 2. ANALOG CIRCUITS 3.MICROPROCESSOR AND MICROCONTROLLER 4. Linear Integrated Circuits			
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	06			
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	06			
NO OF BOOKS PUBLISHED	-			

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E	ECE	Madurai Kamaraj University	2001
PG	ME	Communication Systems	Anna University Tirunelveli	2011
Ph.D	Ph.D	Information and Communication	Anna University Chennai	2025

Details of Journal Publication:

1. **Mrs.P.Deepa**, "Magnetic Property Study of Nickel Cerium Doped Zinc Ferrite Nano Particles", International Journal of Computer Applications (0975 – 8887) Volume 44– No.2, April 2012.

2. **Mrs.P.Deepa**, "Global positioned Music system", IJRET June 2015.x.

3. **Mrs. P.Deepa**, "Energy Efficient Solution for Green Cellular Networks – A Survey", International Journal of Electronics and Communication Engineering & Technology Volume 9 Issue 5 September – October 2018.

4. **Mrs. P.Deepa, "**Artificial Intelligence based technique for base station sleeping" springer Lecture notes, New Trends in Computational Vision and Bio-inspired Computing, pg.1623-1632.

5. **Mrs. P.Deepa**, "User Offloading using Hybrid NOMA in Next generation Heterogeneous Network", Journal of Microelectronics, Electronic Components and Materials, Vol. 53, Issue 4, 2022, pp. 263-269

6. **Mrs. P.Deepa,** "Optimal power and resource allocation for 5G oriented system using a hybridised whale and hosted cuckoo optimisation algorithm" , International Journal of Mobile Communication Vol. 24, Issue 2, 2024, pp. 152 – 170 .

Details of Conference attended:

1. **Mrs.P.Deepa** "Higher order modulation schemes for DVC" at "NCACPE'11" at N.P.R.College of Engineering &Technology.

2. **Mrs.P.Deepa** "Energy saving through Dynamic base station switching in cellular networks" at International conference held at PSYEC.

3. **Mrs.P.Deepa** "Global Positioned Music System " at International conference held at Sethu Institute of Technology.

4. **Mrs.P.Deepa** ICCVBIC 2018, "Artificial Intelligence Based Technique for Base station Sleeping" NOVEMBER (29&30).

5. **Mrs.P.Deepa** "Human Emotion Recognition from Face Images Based on Distinct ,Ldp,PNN Classifier" at International conference held at Sethu Institute of Technology.

6. **Mrs.P.Deepa** "Routing Protocol for VANET using PSO Optimization" at International conference held at Jayaram college of Engineering & Technology.