


Employee Code 043	Prof. Madhavi S. Pednekar		
Designation	Assistant Professor		
Department	EXTC		
Date of Joining the Institution	09-July-2002		
Qualifications with Class / Grade	U.G. : B.E. (Electronics) Distinction	P.G. M.E. (Electronics & Communication) Distinction	Ph.D Nil
Total Experience in Years	Teaching: 15 years	Industry : Nil	Research: Working at CSIR Hyderabad.
Papers Published	National : 4	International: 4	
Papers Presented in Conferences	National : 2	International: 3	
Area of Interest	Embedded Systems, Solar Energy, Sustainability, Water Purification and Membrane Technology		
Projects Funding	Completed 02 Minor Research Funded projects at Mumbai University level.		
Workshops/STTPs attended	12 Workshops and 08 STTPs attended in the various field of EXTC.		
Industrial Visits Organized	Industrial Visits to GMRT, Satellite Earth Station at BSNL, COMTEL NETWORKS, TMS - Western Railway etc.		
Subject Taught	Satellite Communication and Networks, Data Compression and Encryption, Analog Electronics I, Analog Electronics II, Linear Integrated Circuits, Industrial Electronics, Digital Logic Design, Electronic Instrumentation, Elements of Microprocessor, Electronics1 and 2. Analog and Digital Circuits.		

**Responsibilities/
Committees
Handled at DBIT**

1. Alumni In-Charge
2. IEEE Branch Counselor (2012 to 2015).
3. NSS Leadership Team Member
4. WDC Committee Member
5. Project Coordinator (2011-13)