


Name of Teaching Staff	: <b>Prof. Mrunalini Pimpale</b>	
Designation	: Assistant Professor	
Department	: Electronics & Telecommunication Engineering	
Date of Joining the Institution	: 04.7.2013	
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Qualifications with Class / Grade	: <ol style="list-style-type: none"> <li>1. M.Tech. – Electronics Engineering from Yashwantrao Chavan College of Engineering, Nagpur Autonomous in June, 2012 , 1<sup>st</sup> class with CGPA 7.59</li> <li>2. B.E. (Electronics Engineering) from Rashtrasant Tukadoji Maharaj Nagpur University in June 2008, 1<sup>st</sup> class with 71.6%.</li> </ol>	
Total Experience in Years	: <b>Teaching: 12 years</b> <ol style="list-style-type: none"> <li>1. Assistant Professor, D.J. Sanghvi College of Engineering (Electronics and Telecommunication Engineering Department) from 4.7.2013 to till date.</li> <li>2. Assistant Professor, D.J. Sanghvi College of Engineering (Engineering Department) from 11.7.2012 to 30.6.2013 on Adhoc basis.</li> <li>3. Lecturer, Yashwantrao Chavan College of Engineering Nagpur, from 11.08.2009 to 30.04.2012.</li> </ol>	
Papers Presented in Conferences	: <b>International: 3</b> <ol style="list-style-type: none"> <li>[1] Rohan Vaidya, Darshan Trivedi, Sagar Satra, Mrunalini Pimpale “A Novel Approach Towards Handwritten Character Recognition Using Deep Learning” Proceeding of 2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT), IEEE, 2018 ,pp 772-775. April 2018</li> <li>[2] Mrunalini Pimpale, Tejaswini Panse, “Radix-10 Parallel Decimal Multiplier” Proceedings of International Conference on Electronics and Communication Engineering , January 2012</li> <li>[3] Mrunalini Pimpale, Tejaswini Panse,” Fixed –Point Parallel Decimal Multiplier” ICEECS-2012, May 2012</li> </ol>	
Area of Specialization	: Analog VLSI, Analog Signal Processing, Embedded Systems.	
Professional Memberships	: <b>Life Member of Indian Society of Technical Education (ISTE)</b>   <b>LM125795</b>	

Subjects Taught	<p><b><u>UG Level:</u></b></p> <ul style="list-style-type: none"> <li>[1] Digital Communication</li> <li>[2] Analog Electronics –I</li> <li>[3] Analog Electronics –II</li> <li>[4] Analog circuit Design</li> <li>[5] Integrated Circuits</li> <li>[6] Electronics Devices and circuits-I</li> <li>[7] Electronics Devices and circuits-II</li> <li>[8] VLSI Design</li> <li>[9] Microprocessor and Microcontroller</li> <li>[10] Digital System Design</li> <li>[11] Electronics and Measurement Instrumentation</li> </ul>
Projects Guided	<p><b><u>UG Level: (Last 4 years)</u></b></p> <ul style="list-style-type: none"> <li>[1] Object Detecting Autonomous Water Surface Cleaning Bot.</li> <li>[2] Sketch recognition using Siamese network.</li> <li>[3] Smart Visual Local Navigation AID for the Visually Impaired.</li> <li>[4] Metal Detector Robotic Vehicle.</li> <li>[5] Closed Loop BLDC motor for Electric cars.</li> <li>[6] Wireless Rover with Robotic Arm and Visual Assistance.</li> <li>[7] Sleep detector using EEG signal.</li> <li>[8] Gesture and Voice control Mouse.</li> <li>[9] SEO optimizer and suggester.</li> <li>[10] Handwriting detection and recognition using Neural Network.</li> <li>[11] Smart trolley using RFID.</li> <li>[12] Analysis of 5G network.</li> </ul>

<p>Recommended Students for Higher Education</p>	<p><b><u>Name of the Student</u></b></p> <ul style="list-style-type: none"> <li>• Aniket Rao</li> <li>• Shraddha Sutar</li> <li>• Ayush Shah</li> <li>• Vidhi Raval</li> <li>• Sagar Samant</li> <li>• Nikit Shah</li> <li>• Chirag Shah</li> <li>• Vanthana Sachdev</li> <li>• Mitali Salvi</li> <li>• Priyal Raut</li> <li>• Raj Visharia</li> <li>• Rohan Deo</li> <li>• Harsh Raval</li> <li>• Prakhar Sah</li> <li>• Riddhi Thakkar</li> </ul>	<p><b><u>University/Industry</u></b></p> <ul style="list-style-type: none"> <li>• University of Michigan Rackham Graduate School</li> <li>• University of Illinois</li> <li>• Georgia Tech Graduate Admissions</li> <li>• University of Colorado Boulder</li> <li>• Texas University</li> <li>• Clemson University (Graduate)</li> <li>• University of Pennsylvania</li> <li>• University of Pennsylvania</li> <li>• Georgia Tech Graduate Admissions</li> <li>• University of Pennsylvania</li> <li>• Georgia Tech Graduate Admissions</li> <li>• University of Sadan California</li> <li>• Oxford University</li> <li>• Virginia Polytechnic Institute &amp; State University</li> <li>• Worcester Polytechnic Institute</li> </ul>
<p>Institute/Department Responsibility handled:</p>	<ul style="list-style-type: none"> <li>➤ NAAC Criteria 5</li> <li>➤ NBA Criteria 8</li> <li>➤ Electronics Design/ EHW &amp; simulation Lab In-charge</li> <li>➤ Admission Committee Member</li> <li>➤ SE Class Teacher.</li> <li>➤ Academic Bulletin (half yearly news editor)</li> <li>➤ Department Website Coordinator.</li> <li>➤ Part of organizing committee of International conference (ICWiCOM-2021).</li> <li>➤ Organized STTP on “Recent Trends in wireless networks”</li> <li>➤ Organized Webinar on ‘Recent Trend in Microwave and Internet of Things’.</li> </ul>	

