


Faculty Profile

Name of Faculty: Mrs. Gauri S. Patil-Waichal		
Designation : Assistant Professor		
Qualification: M.E (ETC) and B.E. (Electronics).		
Specialization : Signal Processing		
Official Email ID:gauripatilwaichal@gmail.com		
Memberships	ISTE	
Courses Taught	<ul style="list-style-type: none">• Signal Processing• Control systems• Fundamentals of Electronics and Computer Programming• Digital signal Processing• C programming• Object Oriented Programming• Elements of Electrical & Electronics Engg.• Digital Design	
Roles and Responsibilities	<ul style="list-style-type: none">• Mentoring Coordinator.• Representative for SWE.	

<p><i>Research Contribution</i></p>	<ul style="list-style-type: none"> • <i>ISI and ICI Mitigation with DWT based OFDM system in Wireless Channel, IJEECS, Volume 7, Issue 1, January 2018, ISSN 2348-117X.</i> • <i>Performance Analysis of FFT Based OFDM System and DWT Based OFDM System to Reduce Inter-carrier Interference, 2015 International Conference on Computing Communication Control and automation (ICCUBEA), Electronic ISBN: 978-1-4799-6892-3.</i> • <i>Performance analysis of FFT based OFDM system with DWT based OFDM system to reduce ICI, ICCUBEA 2015.</i> • <i>Evaluation of sidelobe suppression techniques for mitigation of ICI in OFDM system, EPGCON 2014.</i>
<p><i>FDP/Workshop Attended</i></p>	<ul style="list-style-type: none"> • <i>2 week ISTE STTP on CMOS, Mixed Signal and Radio Frequency VLSI Design, 30th January 2017 to 4th February 2017</i> • <i>2 days FDP on “Applications of IoT”, 24th and 25th February 2018.</i> • <i>AICTE approved FDP on “Foundation Program in ICT for Education”, 13th Sept. 2018 to 18th Oct. 2018.</i> • <i>Two week STTP on “Control Systems”.</i>