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| **SWATHI SREERAM** | **E:\Swathi photo.jpg** |
| **Qualification : M.Tech (VLSI System Design)** | |
| **Experience: 10 years** | |
| **Area of Interest: VLSI** | |
| **Subjects Taught:**   * + - Digital Design Through Verilog HDL     - Digital Design Using Verilog HDL     - Analog Communications     - Switching Theory & Logic Design     - Radar Systems     - Digital Communications     - VLSI Design     - Computer Organization     - Computer System Organization     - Linear IC Applications     - Advanced Digital Signal Processing     - Digital Signal Processors and Architectures     - Low Power VLSI Design | |
| **Research Publications:**   * P. Srinivas , **S.Swathi**. **“**Design Analysis of Dynamic Noise Margin of Low Voltage Swing SRAM Cell for Read and Write Operation**”** International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885,Volume.03,Issue.34 November-2014, Pages:6844-6847 * CH.Priyanka, **S.Swathi. “**Design and Implementation of Online BIST for different word sizes of memories**”** International Journal of Research and Applications , ISSN 2349-0020,Volume1-Issume,2014,October-December 2014. | |
| |  |  | | --- | --- | | **UG** | **PG** | | **12** | **3** |   **No of Projects guided:** | |
| **Workshops/Seminars/FDP’s Organized:**   * Two Day National Workshop On “PCB Designing and Soldering Process ” on 10th -11th January 2014 in Vaagdevi College Of Engineering as CO-Coordinator. | |
| **Workshops/Seminars/FDP’s Attended:**   * Two Day Workshop On “**Rasberry Pi and IoT**” at Vaagdevi College Of Engineering ,16th -17th  October 2017.      * Two Week Main Workshop On Signals & Systems at IIT Kharagpur ,2nd -12th January 2014. * National Workshop On “**Embedded systems for Automation And Instrumentation**” organized by Centre for Automation and Instrumentation, **TEQIP** at **NIT** Warangal, 12th -14th December 2013 * One-Day workshop on “**Women in Research – the FOSS Paradigm** “Conducted by JNTUH, Hyderabad * Workshop on “**Low Power VLSI**” in VCE, December 2008. | |
| **Conferences Attended:**     * **S.Swathi** .“National conference on Recent trends in Electronics & Communication Engineering ”at Siddharth Institute of Engineering & Technology, Dec-2010. * **S.Swathi,** B.Sreedevi, V.Vijaya, S.Vaishali “2-day National Conference about Applications of Analog And Digital Devices” at Dr. M.G.R Educational and Research Institute University, Oct-2010 | |