|  |  |
| --- | --- |
| **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
 |