

Dr. D SAVITHA

Affiliation (Asst. Professor, Dept of Electronics and Instrumentation Engg, SIT)

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Education

	Degree	Year	Institute	Specialization
1	B.E	2002	Siddaganga Institute of Technolpgy, Tumakuru	Instrumentation Technology
2	M.Tech	2011	Sri Siddhartha Institute of Technolpgy, Tumakuru	Digital Electronics
3	P.hd	2024	Siddaganga Institute of Technolpgy, Tumakuru	Thin Film Sensors

Professional Experience

	Date (from-to)	Designation	Organization
1	15-03-2005 to 31-12-2010	Lecturer	Siddaganga Institute of Technolpgy, Tumakuru
2	1-1-2011 to till	Asst. Professor	Siddaganga Institute of Technolpgy, Tumakuru

Positions held

Exhibition Coordinator

ISO coordinator

Test Coordinator

Awards and Honors

- Top 5% in the NPTEL course Transducers for Instrumentation
- 0\

Courses Taught

Undergraduate Courses

- Data Converters
- Industrial Control Systems & Automation
- Process Control Systems
- Industrial Communication
- Smart Sensors
- Advanced Control Systems
- Computer Networks
- Optical Instrumentation
- Internet of things
- Introduction to Electronics
- Research Methodology

Postgraduate Courses

NIL

Research Areas

- Thin Film Sensors
- Embedded systems

Publications

Journals

- Impact of temperature and frequency dependence of electrical properties of Al doped ZnO nanoparticles
- Structural, optical and electrical properties of undoped and doped (Al, Al + Mn) ZnO nanoparticles synthesised by green combustion method using terminalia catappa seed extract

Conference Proceedings

- Design of Ripple Carry Adder Using Cadence Virtuoso 180Nm Technology
- Studies on Structural and Electrical Characterization of Nitrogen Doped SiC Thin Films
- Impact of Al and Mn doping on structural and Electrical properties of the Green synthesized ZnO Nanoparticles