Dr. Madhusudhana K

Profile Summary

Associate Professor and HOD with over 19 years of experience in teaching, research and industry

Contact details

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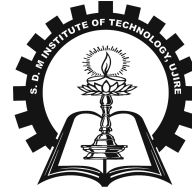📞 +919900443175

Research Profile

ORCID: 0000-0003-3666-3503
RESEARCHER ID: 102215069
Google Scholar ID: qbSzJKAAAAAJ
Linkedin ID:
dr-madhusudhana-k-87928682
IEEE Senior Member
MISTE

Research Metrics

- Citations: **20**
- h-index: **3**
- i10-index: **1**

Skills

- Verilog, VHDL, Python, C, C++, NCTUNS, Xilinx, CADENCE Virtuoso, Spectre, Multisim, Pspice
- Excel, MS Word, PowerPoint

SDM Institute of Technology, Ujire
Department of Electronics and Communication Engineering

Experience

- HOD at *Dept. of ECE, SDM Institute of Technology (Ujire)* **Oct-2022 to Present**
- Associate Professor at *Dept. of ECE, SDM Institute of Technology (Ujire)* **May-2024 to Present**
- Assistant Professor **May-2012 to Apr 2024**
- Lecturer **July-2009 to Apr-2012**
- Graduate Engineer **Sep-2006 to Sep-2007**
- Research Associate **Aug-2005 to Aug-2006**

Education

- Ph.D. on Design and Analysis of Reconfigurable fractal microstrip antenna for multi-band wireless applications at *Visvesvaraya Technological University (VTU)* **2023**
- M.E. in Electronics at *UVCE (Bengaluru)* **2011**
- B.E. in Electronics and Communication Engineering at *SJMIT (Chitradurga)* **2005**

Research and Publications

- Number of Quality Journal Published **7**
- Number of Conference Papers **2**
- Number of Patents Granted/Published **2**

Workshops/FDPs Attended in Last 5 Years

- FDPs: **2**
- Workshops: **6**

Subjects Handled

Computer Networks, Python Programming, C++, Verilog HDL, Analog Electronic Circuits, Network Analysis, Basic Electronics, Digital Switching Systems

Miscellaneous

- Institute level Coordinator for examinations for a period of 4 years
- Invited speaker at various colleges
- Reviewer for reputed journals
- Awarded grant money for KSCST student projects
- Student projects selected for Anveshana and numerous VTU competitions
- Institute level AICTE activity coordinator