



SAMADHAN DNYANOBA MALI

Assistant Professor, Department of E & TC

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OVERVIEW:

Qualifications: ME (Electronics), BE (Electronics)
Experience: Teaching -19.5 years Tech Assist – 2.5 years
Date of Joining STES: 02/01/2003
Skills and Proficiencies: Embedded C, Digital System Designs, Microcontroller IDEs, Proteus Simulation Software, PSIM, Multisim

SIGNIFICANT ACHIEVEMENTS:

- Certificate of Appreciation from Principal, SCOE for the exceptional efforts taken as a coordinator for successfully organizing “National Symposium on Pervasive Computing (NSPC-2013)” and revenue generation for Department of Electronics and Telecommunication Engineering
- Completed Defense Institute of Advanced Technology (DIAT), Pune Sponsored UG project.
- Paper publication in ACM Digital Library, referred by 300+ researchers as a paid download till date.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Embedded Systems, Digital System Designs

NUMBER OF STUDENTS GUIDED:

- M.E. – 12, B.E. – 100+

RESEARCH PULICATIONS:

Publication Summary:

International Journals - 22

Conference - 17

H index - 03

<https://scholar.google.com/citations?user=0Hc9Q50AAAAJ&hl=en>

NOTABLE GUIDED PROJECTS:

- Industrial Appliances Management System Using IOT and GUI.
- Effective Data Hiding Technique for Audio Watermarking
- Design of Instruction Fetch Unit and ALU for Pipelined RISC Processor

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Delivered an expert session on Innovative Approach in Power Electronics at E&TC department, SKNCOE, Pune, on 12/04/2024.
- Delivered an expert session on Introduction to Microcontrollers as a resource person for “Train The Trainer Program” during 10-14 July 2023 at E&TC Department, SCOE, Pune.
- Delivered an expert session on Case Studies of Power Electronics in different applications, at E&TC department, SKNCOE, Pune, on 19/04/2023.
- Delivered an expert session for SE on Electronic Devices & circuits, Unit 1,2 & 3 as a resource person for “Train The Trainer Program” on 9th Sept 2019 at RMDSSOE, Pune.
- Delivered an expert session for SE on Electronic Devices & circuits (Practical), on 08/10/2016 at Shree Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Bhor, Pune.
- Delivered an expert session for SE on Electronic Devices & circuits (Theory), on 03/10/2016 at Shree Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Bhor, Pune.
- Delivered an expert session for SE on Electronic Devices & circuits, Unit 4 as a resource person for “Train The Trainer Program” on 2nd to 7th June 2014 at SAE, Kondhawa, Pune.

SUBJECTS TAUGHT:

- Electronic Circuits
- Power Devices & Circuits
- Microcontrollers
- Project Management
- Fault Tolerant Systems
- Electronic Devices & Circuits
- Power Electronics
- Business Management
- Digital Electronics
- Principles of Communication Engineering
- Digital Electronics and Logic Design
- Basic Electronic Engineering
- Fundamentals of Programming Languages

FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:

- Coordinator of TEQIP Sponsored “National Symposium on Pervasive Computing (NSPC-2013)”, E&TC Department, Sinhgad College of Engineering, Pune, 15-16 March 2013.

CONFERENCES ATTENDED:

- Attended International Conference on Pervasive Computing-2020 (ICPC 2020), E&TC dept, SCOE, Pune, Feb 13-14, 2020.
- Attended 8th National Power Electronics Conference 2017[NPEC-2017], COEP, Pune, December 18-19, 2017.
- Attended National Symposium on Pervasive Computing 2013 (NSPC 2013), SCOE, Pune, 15 Mar 2013 to 16 Mar 2013.
- Attended International Conference and Workshop on Emerging Trends in Technology (ICWET 2011), TCET, Mumbai, 25 Feb 2011 to 26 Feb 2011.
- Attended 4th National Conference on Recent Trends in Communication Electronics & Information Technology (NACTECIT10), CMRIT, Bangalore, 23 Apr 2010 to 24 Apr 2010.

FDP/STTP/SDP ATTENDED:

- Summary: Number of FDPs/STTPs/SDPs attended in the area of Artificial Intelligence, Robotics, Data Science, Mechatronics & Industrial Automation, Image Processing Advances & Challenges, Power System Design & Analysis, Circuit Simulation / PCB Design, PLC SCADA HMI, Industry 4.0 etc. Total FDP/STTP/SDP Attended: 50+

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Society Level

- Organizing committee member for Sinhgad Sports League.
- Organizing committee member for International Telecommunication Union (ITU) International Conference (ITU) held at Narhe Campus.

Institute Level (SCOE)

- Worked as Committee member for different cultural activities
- Worked as Committee member for University Convocation program
- Worked as University CAP director
- Worked as committee member for admission process of FE/DSE/ME
- Worked as member for campaigning of BOS SPPU elections

Department Level (E&TC)

- Worked as T&P Coordinator
- Worked as Department Library Incharge
- e-Yantra lab Coordinator
- Student Feedback Committee member
- NAAC Criteria Coordinator
- TECHTONIC Coordinator
- Funded lab Co-coordinator
- Worked as Consumable Committee Incharge
- Worked as Coordinator for “National Symposium on Pervasive Computing (NSPC-2013)”.
- Organizing committee member for various Faculty/Staff Development Programs & National, International Conferences.
- Project Guide as well as project evaluation committee member for B.E. & M.E. students
- Evaluation Committee member for TE Mini Projects.
- Teacher Guardian, Class Teacher

DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: / / 2024

Signature