

Brief Profile

Name: Mohini Preetam Singh

Date of Birth: 30th January 1987

Educational Qualification:

M. Tech : In Microelectronics from Subharti University

B. Tech : In Electronics and Instrumentation from A.K.T.U, Lucknow

Work Experience:

- *Teaching: 12 years*
- *Research / Industry: Nil*

E-mail ID: mohini.singh@miet.ac.in

Area/Subjects of Interest: Microprocessors, Soft Computing, Computer Architecture, Microcontrollers and Embedded Systems.

Teaching:

Subjects Taught at UG level: Microprocessor, Microcontroller, RQM, DMT, EMI, Switching Theory, NAS, DCN, POC.

Subjects Taught at PG level: Microcontrollers and Embedded System

Research Guidance

No. of M.Tech Guided: Nil

Research Publications

- Journals: 2

STC/FDP/Summer/Winter Schools/Workshops/Seminars attended:

- Five days FDP on Practical Hands on- Machine Learning, sponsored by AKTU in 2017.
- Three days hands-on workshop on Linear Integrated Circuits - A System Approach by Texas Instruments in 2016.
- Three days hands-on workshop on Embedded System Design using MSP 430 by Texas Instruments in 2016.
- Five days FDP on Machine Learning Techniques and its Applications in 2016.
- “VisSim Workshop- Model based Design for Embedded Systems” in 2015.
- Short Term Course on Microcontroller based Embedded Systems from NITTTR, Chandigarh in 2015.
- Three days workshop on Embedded System with focus on Intel Atom Processors, UPTU Campus, Noida in 2014.
- Workshop on Cloud Computing by TAI INFOTECH PVT. LTD in 2013.
- Symposium on Innovations in Biomedical Science & Technology in 2011

Memberships of the Professional Societies: Computer Society of India, Society of Software Computing.

Awards/Honors: Award of Academic Excellence in Masters, Make in India award for Radar - System.

Any other relevant Information:

Books Published: 01: Handbook of Microcontrollers for Embedded Systems

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LIST OF PUBLICATIONS

Journal Papers

1 A STUDY OF Si-NANOWIRE TRANSISTOR IN WORKING TEMPERATURE RANGE, VSRD International Journal.

2 QUANTUM CONFINEMENT EFFECTS ON GATE CAPACITANCE IN GAA-SNWT, VSRD International Journal.