

Dr. Manish Sharma

manishsharma.mitm@gmail.com

- **Educational Qualification:** Ph.D., ME
- **Experience:** 12 Years
- **Contact No. (optional):** 8007043081
- **Areas of Interest:** Intelligent control and machine learning
- **Memberships:** Nil
- **Courses Handled:** VLSI Design and Technology, Wireless Networks, Digital Communication Receivers, Broadband Wireless Technologies, Reconfigurable, Computing, ASIC Design.
- **Administrative responsibilities:**
 - Academic Coordinator (UG)
 - PG Coordinator (VLSI and Embedded Systems)
 - PG coordinator (Communication Networks)
 - Ph.D. Research Centre Co-Coordinator
 - National Academic Depository Coordinator
 - AICTE-CII survey Coordinator
 - Electronic Database Cell coordinator
 - Academic Audit Committee Member
 - Subject Chairman (optical Networks) University appointment
 - Departmental R&D Cell Coordinator
 - Institute Online Feedback coordinator
- **Publications:**

International Journals and E-Letters: 35
International Conferences: 37
National Conferences: 13
- **Patents: 02**
 - Design of Swing Restored GDI Based Self Timed Adder (Filed): 201621036232.
 - Low Computation Complexity Strategy For Spectrum Detection In Cognitive Radio Networks Using Compressive Sensing(Filed): 201721021132
- **Research Projects :**
 - ✓ Completed: Nil
 - ✓ Ongoing: Nil
- **Awards and Accolades:**
 - Reviewer of IEEE Transactions on Industrial Electronics.
 - Reviewer of IEEE Transactions on Cybernetics.
 - Reviewer of IEEE Transactions on Systems, Man and Cybernetics: Systems

- Reviewer of “International Journal of Automation and Computing (IJAC), Inderscience, ISSN 1476-8186 U.K.”
- Reviewer of “IET Control Theory and Applications”.
- Reviewer of IEEE International Conference on Advances in Computing, Communication and Informatics, Kerala, 2015.
- Reviewer of IEEE International Conference on Computer, Communication and Control, Indore, 2015.
- Paper titled “Huang-Hilbert Transform based Wavelet Adaptive Tracking Control for a Class of Uncertain Nonlinear Systems subject to Actuator Saturation”, has been selected for a multi-author monograph “Advances in Systems Theory and Applications” Cambridge Scientific Publishers (UK).
- Chapter under communication in a book, “Wavelet Theory and Its Applications”, an upcoming Open Access book published by Intech publishing house.