

Biosketch

Faculty Name: RAVI SHANKAR



Areas of Interest:

Nano-Electronics, Microelectronics Devices and Circuits, Microprocessor & Microcontroller, Analog & Digital Communication

Education

- M. Tech., Indian Institute of Technology, Roorkee
- B. Tech., Uttar Pradesh Technical University

Selected Publications

1. **RAVI SHANKAR, G. Kanchal, S. Maheshwaram, S. Dasgupta, and S. K. Mishra,** "A Degradation Model of Double Gate And Gate-All-Around MOSFETs with Interface Trapped Charges Including Effects of Channel Mobile Charge Carriers," IEEE Transactions on Device and Materials Reliability, vol. 14, no. 2, pp. 689-697, June 2014 (Citation: 15, Impact Factor: 2.063)

Other Details:

- Successfully completed following MOOCs courses from **Electronics and ICT Academy – IIT Kanpur**:
 - ☐ Microprocessors and Microcontrollers (with 98.51% Marks)
 - ☐ Basic Electronics (with 96% Marks)
 - ☐ Working with Op-Amps (with 99% Marks)
 - ☐ Computer Architecture (with 99% Marks)
 - ☐ Using Python for Ethical Hacking
- Certified as the **Elite Gold Topper** for the 8 Weeks NPTEL course on "Accreditation and Outcome Based Learning" in August to October 2019 Examinations conducted by NPTEL.