



Specializations MS/PhD

❑ Signal Processing and Communication :

- Image and signal processing
- Wireless Communication and Networks
- IoT and system realization
- RF and Microwave Communication, High power microwave devices
- Machine Learning

❑ VLSI and Integrated Circuit Design:

- Mixed signal VLSI design
- Analog and Digital IC design
- Solar Photovoltaics
- Microwave Integrated Circuit Design
- VLSI Architectures for Wireless Communications and Signal Processing Applications

❑ Microelectronics and Semiconductor Device :

- High Speed and Power Semiconductor Devices
- III-Nitride Semiconductors
- Epitaxial Growth (CVD and MBE)
- Characterizations (Physical and Electrical)
- Nanostructures and sensors

❑ Computer Science :

- Distributed systems
- Machine learning
- Human computer interaction and cognitive science
- Software technology
- Formal Verification and Theoretical Computer science

Important Dates

❑ Start of Online Application:

3rd April 2018

❑ End Date of receiving Application:

30th April 2018

❑ Announcement of Shortlisted Candidate (MS/PhD):

7th May 2018

❑ Interviews/Written Exam Dates (MS):

30th May 2018

❑ Interviews/Written Exam Dates (PhD):

31st May 2018.

Contact Us:

scee-admissions@iitmandi.ac.in