

Details of Visiting Japanese Faculty Lectures in IIITDMJ

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Specialization:

- Fabrication of micro- and nanostructures using microelectronics technology (MEMS)
- Microsystems, design and realization of miniaturized mechatronic devices.
- Test method and test structure development for and by MEMS technology.
- Capturing and Perception Device made by Very Large Scale Integration (VLSI)

Technical Contents of Lecture:

Introduction and History of MEMS; MEMS Resonator I: Static Analysis; MEMS Resonator II: Modal Analysis; MEMS Resonator III: Forced Vibration; MEMS Resonator IV: Integration with Electronic Devices; Design Practice of MEMS Resonator; Quiz.

Period of Stay: 20 Jan 2016 - 25 Jan 2016

Students Participation: 54 students (34 of ME502 MEMS course + 20 listeners)

