

**Four Days TEQIP workshop on Magnetic Materials for MEMS-based Devices
(29 Oct 2020 to 1 Nov 2020 (4 days))
Tentative Schedule (Day wise):**

Day	Teaching Slot 9:30 to 11:00	Break 15 Min. 11:00 - 11:15	Teaching Slot 11:15- 12:45	Lunch 12:45PM - 2PM	Teaching Slot 2:00-3:30	Break 3:30-3:45	Teaching Slot 3:45-5:15
Day 1 29 Oct, 2020 (Thursday)	Lecture-1		Lecture/ Tutorial 1		Lecture -2		Lecture/ Tutorial 2
Day 2 30 Oct, 2020 (Friday)	Lecture -3		Lecture/ Tutorial 3		Lecture 4		Lecture/ Tutorial 4
Day 3 31 Oct, 2020 (Saturday)	Lecture -5		Lecture/ Tutorial 5		Lecture -6		Lecture/ Tutorial 6
Day 4 1 Dec, 2020 (Sunday)	Lecture-7		Lecture/ Tutorial 7		Recap of all sessions, Interactive session with all expert faculty		

Topics:

1. Fundamentals of MEMS fabrication
2. MEMS design
3. Different actuation types for MEMS
4. Magnetic materials and magnetic actuation