

S.no	Discipline	Course Names	Coordinators	Institute	Duration (in hours)
1	Chemistry	Organo Metallic Chemistry	Prof. Debabrata Maiti	IIT Bombay	10
2	Civil Engineering	Applications of Geotechnical Engineering	Prof. Neelima Satyam	IITH	10
3	Computer Science	Software Testing	Prof. Rajib Mall	IIT Kharagpur	10
4	Computer Science	Complex Network : Theory and Application	Prof. Animesh Mukherjee	IIT Kharagpur	10
5	Computer Science	Introduction to Cryptology	Prof. Sugata Gangopdhyaya	IIT Roorkee	10
6	Design	Understanding Design Thinking & People Centred Design	Prof. Jhumkee Iyengar	IIT Kanpur	10
7	Earth Science	Earth Sciences for Civil Engineering	Prof. Javed Mallik	IIT Kanpur	10
8	Electrical Engineering	Basic Building Blocks of Microwave Engineering	Prof. Amitabha Bhattacharya	IIT Kharagpur	10
9	Electrical Engineering	Audio System Engineering	Prof. Shyamal Kumar Das Mandal	IIT Kharagpur	10
10	Humanities and Social Science	How the Brain Creates Mind	Prof. Alok Bajpai	IIT Kanpur	10
11	Humanities and Social Science	Introduction to Indian Art - An appreciation	Prof. Soumik Nandi Majumdar	IIT Kanpur	10
12	Humanities and Social Science	Basic Concepts of Modal Logic	Prof. AVR Sarma	IIT Kanpur	10
13	Mathematics	Curves and Surfaces	Prof. Sudipta Dutta	IIT Kanpur	10
14	Mechanical Engineering	Two phase flow and heat transfer	Prof. Arup Kumar Das	IIT Roorkee	10
15	Multidisciplinary	Biology for engineers and other non-biologists	Prof. Suraishkumar & Prof. Madhulika Dixit	IIT Madras	10