

Bouquet of MOOCs Courses

(Additional Interdisciplinary Courses from Basic Science group)

SL NO	COURSE AREA	TITLE OF THE MOOCS COURSE	COURSE COORDINATOR	DURATION
1	Nanotechnology	Selection of Nano materials For Energy Harvesting And Storage Application	Prof. Kaushik P <u>Indian Institute of Technology Roorkee</u>	4 Weeks
2	Electrical Engineering	Semiconductor Optoelectronics	M.R. Shenoy <u>Indian Institute of Technology Delhi</u>	12 Weeks
3	Engineering	Fundamentals of Micro and Nanofabrication	Prof. Shankar Kumar Selvaraja & Prof. Sushobhan Avasti <u>Indian Institute of Technology Bangalore</u>	12 Weeks
4	Material Science	Basics of Materials Engg.	Prof. Ratna Kumar Annabattula, Indian Institute of Technology Madras	12 Weeks
5	Chemistry/ Interdisciplinary	Advanced Materials and Processes	Prof. Jayanta Das IIT Kharagpur	12 WEEKS
6	Chemistry/ Interdisciplinary	Aqueous Corrosion and Its Control	Prof. V. S. Raja IIT Bombay	12 WEEKS
7	Chemistry/ Interdisciplinary	Defects in Crystalline Solids (Part-I)	Prof. Varadhan IIT Madras	8 WEEKS
8	Chemistry/ Interdisciplinary	Corrosion - Part II	Prof. Kallol Mondal IIT Kanpur	8 WEEKS
9	Chemistry / Interdisciplinary	Colloids and Surfaces	Prof. Basavaraju IIT Madras	8 WEEKS
10	Interdisciplinary/ Computer Science And Engineering	Discrete Mathematics	Prof. Sudarshan Iyengar Dept. Of Computer Science And Engineering IIT Ropar	12 Weeks
11	Interdisciplinary/ Mechanical Engineering	Computational Fluid Dynamics For Incompressible Flows	Prof. Amaresh Dalal Department Of Mechanical Engineering IIT Guwahati	12 Weeks
12	Interdisciplinary/ Electronics And Communication Engineering	Probability And Random Processes	Prof. Prabin K Bora IIT Guwahati	12 Weeks
13	Engg, & Technology	Inkscape	Prof Kannan Moudgalya, IIT BOMBAY	12 WEEKS
14	Engg, & Technology	PERL	Prof Kannan Moudgalya, IIT BOMBAY	12 WEEKS

Sir,
 Submitted for kind permission to replace the existing uploaded Basic Science NPTEL courses by only Interdisciplinary Basic Science NPTEL Courses