Proposed List of MOOCs (NPTEL July-December -2023 time line) for PG programs of scheme 2022

Table 1. List of certifiable courses approved for earning the extra credits under type Disciplinary (NANO Technology)

Sl. No.	Course Code	Course Title	Course Area	Name of the Subject and Subject matter Expert's name	Course Duration in weeks	Credits	Course Session	Start Date	End date	Exam Date	Enrollment End Date
1	noc23-mm45	Materials: Computational Approach	Metallurgical and Materials Engineering	Prof. Somnath Bhowmick	8 Weeks	2	July-December 2023	August 21, 2023	October 13, 2023	October 29, 2023	August 21, 2023
2	noc23-mm42	Materials-An Introductory Course	Metallurgical and Materials Engineering	Prof. Ashish Garg	8 Weeks	2	July-December 2023	July 24, 2023	September 15, 2023	September 24, 2023	July 31, 2023
3	noc23-mm47	Fundamentals Of Composite And Cellular Materials	Metallurgy and Mererial Science	Prof. Tapas Laha & Dr. Siddhartha Roy	12 weeks	2	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
4	noc23-mm49	Degradation/Surface Engineering	Metallurgy and Mererial Science	Prof. (Hag) Harish Hirani	12 Weeks	2	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
5	noc23-ge41	Solar Energy Engineering And Technology	Multidisciplinary	Prof. Pankaj Kalita	12 Weeks	2	July-December 2023	July 24, 2023	October 13, 2023	October 28, 2023	July 31, 2023
6	noc23-ee141	Nanophotonics, Plasmonics, And Metamaterials	Electronics and Electrical Engineering, Physics	Prof. Debabrata Sikdar	12 weeks	2	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023

Table . List of certifiable courses approved for earning the extra credits under type Interdisciplinary

Sl No	Course Code	Course Title	Course Area	Name of the Subject and Subject matter Expert's name	Course Duration in weeks	Credits	Course Session	Start Date	End date	Exam Date	Enrollment End Date
1	noc23-hs145	Soft Skills	Humanities and Social Sciences	Prof. Binod Mishra	12 weeks	IITR	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
2	noc23-hs151	Public Speaking	Humanities and Social Sciences	Prof. Binod Mishra	12 Weeks	IITR	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
3	noc23-ee87	Learning -- Fundamentals And Applications	Electrical and Electronics Engineering	Prof. M.K. Bhuyan	12 Weeks	IITG	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
4	noc23-bt38	Fundamentals Of Micro And Nanofabrication	Biotechnology and Bioengineering	Prof Sushobhan Avasti Prof. Shankar Selvaraja	12 Weeks	IISc	July-December 2023	July 24, 2023	October 13, 2023	October 29, 2023	July 31, 2023
5	noc23-hs116	Developing Soft Skills And Personality	Humanities and Social Sciences	Prof. T Ravichandran	8 Weeks	IITK	July-December 2023	July 24, 2023	September 15, 2023	September 24, 2023	July 31, 2023
6	noc23-hs115	Technical English For Engineers	Humanities and Social Sciences	Prof. Aysha Iqbal	8 Weeks	IITM	July-December 2023	August 21, 2023	October 13, 2023	October 28, 2023	August 21, 2023