

**INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
OFFICE OF THE DEAN (ACADEMIC)**

No. IITISM/DAC/901

19.05.2025

NOTICE

PRE-REGISTRATION FOR SUMMER SEMESTER 2024-25

All interested students may note that the pre-registration for Summer Semester 2024-25 can be done from **20 May 2025 to 23 May 2025**. Kindly note the following in this regard -

- (i) Students can register for CBCS regime courses only through pre-registration portal (<https://pre-registration.iitism.ac.in/login/>).
- (ii) Students can register for NEP regime courses only by submitting duly filled in A3 form on email to reg_ug@iitism.ac.in or in hard copy to academic section during working hours.
- (iii) Registration for courses other than backlog / dropped courses will not be allowed.
- (iv) A maximum of five courses can be registered in Summer Semester.
- (v) Only eligible students can register and continue in the courses offered in Self-study mode. The attendance defaulters in a course will not be allowed to register for the same course in self-study mode in Summer Semester.
- (vi) The deadline of 23 May 2025 must be adhered with.

The list of courses available for pre-registration for Summer Semester 2024-25 is enclosed.

The classes for Summer Semester 2023-24 are scheduled to start from 28 May 2025.


Dean (Academic)

Notes –

1. For any issue related to pre-registration for summer semester, the respective students must write to reg_ug@iitism.ac.in or visit academic section before 1:00 pm on 23rd May 2025.
2. The notification and detailed guidelines for **fee payment** shall be issued separately by the office of Dean (Students' Welfare).

Copy to -

1. Director / Dy. Director
2. All HoDs, RG, Dean (SW), AD (UG), AD (PG), Addl. RG (SW)
3. JR (Acad), DR (F&A), AR (UG), AR (PG), AR (IRAA), AR (SW)
4. Students

Courses proposed by Departments to be offered in the summer semester 2024-25

Sl. No.	Course Name	Course Code	Course Type	Course Category	Course Instructor	Department	Mode of offering
1	Petroleum Geology	GLC512	CBCS	DC	Prof. Shushanta Sarangi	AGL	Both- Regular & Self Study Mode
2	Exploration Geology and Mineral Economics	GLC527	CBCS	DC	Prof. Prabodha Ranjan Sahoo	AGL	Both- Regular & Self Study Mode
3	Igneous Petrology	GLC509	CBCS	DC	Prof. R Anand	AGL	Both- Regular & Self Study Mode
4	Introduction to Palaeontology	NGLC103	NEP	DSC	Prof. Ajoy Kumar Bhaumik	AGL	Self-Study
5	Introduction to Stratigraphy and Paleontology	GLC206	CBCS	DC	Prof. Ajoy Kumar Bhaumik	AGL	Self-Study
6	Remote Sensing and GIS	GLO542	CBCS	OE8	Prof. Anup Krishna Prasad	AGL	Self-Study
7	Structural Geology Practical	GLC204	CBCS	DP	Prof. Pranab Das	AGL	Self-Study
8	Elements of Rock Engineering	GLD551	CBCS	OE	Prof. Kripamoy Sarkar	AGL	Self-Study
9	Earthquake Statistics and Hazard	GPD520	CBCS	DE	Prof. Niptika Jana	AGP	Both- Regular & Self Study Mode
10	Geophysical Prospecting	GPE202	CBCS	ESO	Prof. Partha Pratim Mandal	AGP	Self-Study
11	Chemistry Lab	CYI102	CBCS	DP	Prof. Biswajit Chowdhury, Prof. Mahendra Yadav, Prof. Chanchal Haldar	CCB	Both- Regular & Self Study Mode
12	Organic Reactions and Stereochemistry	CYC502	CBCS	DC	Prof. Soumitra Maity, Prof. Sourav Kumar Dey	CCB	Self-Study
13	Electroanalytical methods	CYD513	CBCS	DE	Prof. Rashmi Madhuri	CCB	Self-Study
14	Advanced Foundation Engineering	CED529	CBCS	DE	Prof. Ankti Srivastava	CE	Self-Study
15	Engineering Thermodynamics	CHE201	CBCS	ESO	Prof. Suresh Kumar Yatirajula, Prof. Arunkumar Samanta	CHE	Both- Regular & Self Study Mode
16	Petroleum Refining	CHO301	CBCS	OE	Prof. Ejaz Ahmad	CHE	Both- Regular & Self Study Mode
17	AI in Process Industries	CHO404	CBCS	OE	Prof. Aditya Kumar	CHE	Both- Regular & Self Study Mode
18	Materials Characterization	CHD407	CBCS	DE	Prof. Ejaz Ahmad	CHE	Both- Regular & Self Study Mode
19	Membrane Science and Engineering	CHD417	CBCS	DE	Prof. Aditya Kumar	CHE	Both- Regular & Self Study Mode
20	Computational Fluid Dynamics	NCHD512	NEP	DE	Prof. Soubhik Kumar Bhaumik	CHE	Both- Regular & Self Study Mode
21	Computational Fluid Dynamics	CHC509	CBCS	DC	Prof. Soubhik Kumar Bhaumik	CHE	Both- Regular & Self Study Mode
22	Chemical Process Calculations	NCHC103	NEP	DC	Prof. Arunkumar Samanta	CHE	Self-Study
23	Chemical Process Calculations	CHC201	CBCS	DC	Prof. Arunkumar Samanta	CHE	Self-Study
24	Fluid and Particle Mechanics	CHC202	CBCS	DC	Prof. Suresh Kumar Yatirajula	CHE	Self-Study
25	Transport Phenomena	CHE202	CBCS	ESO	Prof. Aritra Santra	CHE	Self-Study
26	Chemical Engineering Thermodynamics	CHC206	CBCS	DC	Prof. Arunkumar Samanta	CHE	Self-Study
27	Process Dynamics and Control	CHC209	CBCS	DC	Prof. Suman Dutta	CHE	Self-Study
28	Wireless Networks	CSD521	CBCS	DE	Prof. Nikhil Tripathi	CSE	Self-Study
29	Advanced Algorithms	CSD401	CBCS	DE	Prof. Subhrangsu Mandal, Prof. Rahul Gangopadhyay, Prof. Anjan Chowdhury	CSE	Both- Regular & Self Study Mode
30	Compiler Design Lab	CSC304	CBCS	DC	Prof. Jaishree Mayank	CSE	Both- Regular & Self Study Mode
31	Computer Programming	CSI101	CBCS	IC	Prof. Pranay Kumar Saha	CSE	Self-Study
32	Computer Programming Lab	CSI102	CBCS	IC	Prof. Pranay Kumar Saha	CSE	Self-Study
33	Cryptography	CSO404	CBCS	OE	Prof. Hari Om	CSE	Self-Study
34	Internship	CSS401	CBCS	DC	Prof. Arup Kumar Pal	CSE	Self-Study
35	Project - I	CSC401	CBCS	DC	Prof. Arup Kumar Pal	CSE	Self-Study
36	Cloud Computing	CSD502	CBCS	DE	Prof. Dharavath Ramesh	CSE	Self-Study
37	Information Theory and Coding	CSD511	CBCS	DE	Prof. Hari Om	CSE	Self-Study
38	Thesis	CSC598	CBCS	TU	Prof. Sachin Tripathi	CSE	Self-Study
39	Computer Networks	CSC305	CBCS	DC	Prof. Chiranjeev Kumar	CSE	Self-Study
40	Computer Programming	NCSV101	NEP	VAC	Prof. Anjan Chowdhury	CSE	Self-Study
41	Computer Programming Lab	NCSV102	NEP	VAC	Prof. Anjan Chowdhury	CSE	Self-Study
42	Advanced Data Structures & Algorithms	CSC501	CBCS	DC	Prof. Jaishree Mayank	CSE	Self-Study
43	Data Structures and Algorithms	CSE201	CBCS	ESO	Prof. Rahul Gangopadhyay	CSE	Self-Study
44	Object Oriented Programming	CSE202	CBCS	ESO	Prof. Tanusree Kaibartta	CSE	Self-Study
45	Theory of Computation	CSC208	CBCS	DC	Prof. Ayan Das	CSE	Self-Study
46	Algorithm Design & Analysis	CSC206	CBCS	DC	Prof. Pranav Bisht	CSE	Self-Study
47	Database Management Systems	CSC301	CBCS	DC	Prof. Dharavath Ramesh	CSE	Self-Study
48	Discrete Mathematics	CSC202	CBCS	DC	Prof. Soumen Bag	CSE	Self-Study

Sl. No.	Course Name	Course Code	Course_Type	Course Category	Course Instructor	Department	Mode of offering
49	Data Structures	NCSC103	NEP	DC	Prof. Mauajama Firdaus	CSE	Self-Study
50	Compiler Design	CSC302	CBCS	DC	Prof. Prasanta K. Jana	CSE	Self-Study
51	Introduction to Algorithms	NCSE102	NEP	ESC	Prof. Pranay Kumar Saha	CSE	Self-Study
52	Software Engineering	CSC306	CBCS	DC	Prof. Tanusree Kaibartta	CSE	Self-Study
53	Project - II	CSC402	CBCS	DC	Prof. Arup Kumar Pal	CSE	Self-Study
54	Computer Communication Networks	ECD504	CBCS	DE	Prof. Jaisingh Thangaraj	ECE	Both- Regular & Self Study Mode
55	Computer Communication Networks	NECD501	NEP	DE	Prof. Jaisingh Thangaraj	ECE	Both- Regular & Self Study Mode
56	Electronics Engineering	ECC11101	Non-CBCS	IC	Prof. Rajeev Kumar Ranjan, Prof. Manodipan Sahoo	ECE	Self-Study
57	Analog Circuits	ECC206	CBCS	DC	Prof. Shalu Rani	ECE	Self-Study
58	Electromagnetic Theory	ECC207	CBCS	DC	Prof. Sushrut Das	ECE	Self-Study
59	Control Systems	ECC208	CBCS	DC	Prof. Sanjeev Kumar Raghuwanshi	ECE	Self-Study
60	Microprocessors & Microcontrollers	ECC209	CBCS	DC	Prof. Mrinal Sen	ECE	Self-Study
61	Digital Signal Processing	ECC302	CBCS	DC	Prof. Himanshu Bhusan Mishra	ECE	Self-Study
62	Microwave Engineering	ECC307	CBCS	DC	Prof. Prashant Kumar Varshney	ECE	Self-Study
63	Antenna and Wave Propagation	ECD401	CBCS	DE	Prof. Ravi Kumar Gangwar	ECE	Self-Study
64	Digital Image Processing	ECD404	CBCS	DE	Prof. Govind Murmu	ECE	Self-Study
65	Digital Systems Design using HDL	ECD405	CBCS	DE	Prof. Jeevesh Kumar	ECE	Self-Study
66	Analog Interface Electronics	ECE301	CBCS	ESO	Prof. Amitesh Kumar, Prof. Jaisingh Thangaraj	ECE	Self-Study
67	Basics of Electronics Engineering	ECI101	CBCS	IC	Prof. Rajeev Kumar Ranjan, Prof. Manodipan Sahoo	ECE	Self-Study
68	Power Electronics	ECO302	CBCS	OE	Prof. Sanjeev Kumar Raghuwanshi	ECE	Self-Study
69	Wireless Networks	NECC503	NEP	DC	Prof. Himanshu Bhusan Mishra	ECE	Self-Study
70	Optical Fiber Communications	NECC505	NEP	DC	Prof. Amitesh Kumar, Prof. Jaisingh Thangaraj	ECE	Self-Study
71	Advanced Antenna Theory	NECC534	NEP	DC	Prof. Ravi Kumar Gangwar	ECE	Self-Study
72	Emerging Communication Systems	NECC501	NEP	DC	Prof. Govind Murmu	ECE	Self-Study
73	VLSI Signal Processing	NECD549	NEP	DE	Prof. Govind Murmu	ECE	Self-Study
74	Digital Electronics	NECE102	NEP	ESC	Prof. Manodipan Sahoo	ECE	Self-Study
75	Electrical Measurements	EEC205	CBCS	DC	Prof. Somnath Pan, Prof. Bhawana Singh	EE	Self-Study
76	Electrical Drives and Applications	EEC312	CBCS	DC	Prof. Kartick Chandra Jana, Prof. D. V. Bhaskar	EE	Self-Study
77	Power System Analysis and Control	EEC311	CBCS	DC	Prof. Gauri Shankar	EE	Self-Study
78	Power System Engineering	EEC207	CBCS	DC	Prof. Shyam A B	EE	Self-Study
79	Control System Engineering	EEC206	CBCS	DC	Prof. Sanjoy Mandal	EE	Self-Study
80	Electrical Machines - II	EEC308	CBCS	DC	Prof. Sukanta Das	EE	Self-Study
81	Modern Control	EEC309	CBCS	DC	Prof. Sanjoy Mandal	EE	Self-Study
82	Electrical Devices And Circuits	NEEE101	NEP	ESC	Prof. Shyam A B	EE	Self-Study
83	Utilization of Electrical Energy	EEE202	CBCS	ESO	Prof. Dushyant Sharma	EE	Self-Study
84	Renewable Energy Systems and Energy Audit	EEO404	CBCS	OE	Prof. Vedantham Lakshmi Srinivas	EE	Self-Study
85	Basics of Electrical Engineering	EEI101	CBCS	IC	Prof. Ananda Shankar Hati	EE	Self-Study
86	Power System Protection and Switchgear	EED401	CBCS	DE	Prof. Paresh Kumar Nayak	EE	Self-Study
87	Electromagnetic Theory and Applications	EEC203	CBCS	DC	Prof. Bhukya Krishna Naick	EE	Self-Study
88	Soft Computing Techniques	NEEC508	NEP	DC	Prof. Kalyan Chatterjee	EE	Self-Study
89	Biomedical and Hazardous Waste Management	ESD506	CBCS	DE	Prof. Vipin Kumar	ESE	Both- Regular & Self Study Mode
90	Environmental Management System and Auditing	ESO501	CBCS	OE	Prof. Biswajit Paul	ESE	Both- Regular & Self Study Mode
91	Social Impact Assessment and R&R	ESD508	CBCS	DE	Prof. Manish Kumar Jain	ESE	Both- Regular & Self Study Mode
92	Pollution Control and Management	ESE201	CBCS	ESO1	Prof. Madhumita Patel, Prof. Riya Dutta	ESE	Self-Study
93	Environmental Biotechnology	ESD502	CBCS	OE	Prof. Vipin Kumar	ESE	Self-Study
94	Environmental Aspects of Industries	ESO502	CBCS	OE	Prof. Suresh Pandian E	ESE	Self-Study
95	Air Pollution	ESC202	CBCS	DC	Prof. Suresh Pandian E	ESE	Self-Study

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96	Environmental Modelling	NESD501	NEP	DE	Prof. Alok Sinha	ESE	Self-Study
97	Atmospheric Science and Climate Change	ESE202	CBCS	ESO2	Prof. Suresh Pandian E	ESE	Self-Study
98	Environmental Sciences	NESV101	NEP	VAC1	Prof. Biswajit Paul	ESE	Self-Study
99	Environmental Sciences	ESI101	CBCS	IC	Prof. Brijesh Kumar Mishra	ESE	Self-Study
100	Climate Vulnerability and Risk Analysis	ESD405	CBCS	OE	Prof. Vittal H	ESE	Self-Study
101	Water Resource Planning and Management	ESD404	CBCS	OE	Prof. Tinesh Pathania	ESE	Self-Study
102	Mineral Processing Economics & Project Management	NFMD503	NEP	OE	Prof. Shravan Kumar	FMME	Self-Study
103	Clean Coal Technology	FMO544	CBCS	OE	Prof. Barun Kumar Nandi	FMME	Both- Regular & Self Study Mode
104	Biofuels	FMD530	CBCS	DE	Prof. Rajasekhar Reddy Busigari	FMME	Self-Study
105	Research Methodology	NFMC596	NEP	DC	Prof. Mantripragada Vishnu Teja	FMME	Self-Study
106	Coal and Mineral Processing Plant Design	FMC304	CBCS	DC	Prof. Pankaj Kumar Jain	FMME	Self-Study
107	Introduction to Materials Science & Engineering	NFME 101	NEP	ESC1	Prof. Avanish Kumar	FMME	Self-Study
108	Thermochemical Conversion of Coal and Biomass	FMD515	CBCS	DE	Prof. Rajasekhar Reddy Busigari	FMME	Self-Study
109	Additive Manufacturing	FMO547	CBCS	OE	Prof. Kesavan Ravi	FMME	Self-Study
110	Advance Course in Applied Ethics	HSD525	CBCS	OE	Prof. Ajit Kumar Behura	HSS	Self-Study
111	Engineering Mathematics - I	NMCI101	NEP	IDC	Prof. Sanjeev Anand Sahu, Prof. Ashok Das	M&C	Self-Study
112	Engineering Mathematics - II	NMCI102	NEP	IDC	Prof. Atul Kumar Verma, Prof. Ashok Das	M&C	Self-Study
113	Mathematics - I	MCI101	CBCS	IC	Prof. Sanjeev Anand Sahu, Prof. Ashok Das	M&C	Self-Study
114	Mathematics - II	MCI102	CBCS	IC	Prof. Atul Kumar Verma, Prof. Ashok Das	M&C	Self-Study
115	Probability & Statistics	MCC505	CBCS	ESO/DC	Prof. Shuvashree Mondal	M&C	Self-Study
116	Complex Analysis	MCD510	CBCS	DC	Prof. Atul Kumar Verma	M&C	Self-Study
117	Numerical Methods	MCI103	CBCS	IC	Prof. Ramanababu Kaligatla	M&C	Self-Study
118	Mathematics I	NMCP001	NEP	Prep.	Prof. Ashok Das	M&C	Self-Study
119	Applied Thermodynamics	MEC203	CBCS	DC	Prof. Rakesh Kumar	MECH	Both- Regular & Self Study Mode
120	Automobile Engineering	MMO301	CBCS	OE	Prof. L A Kumaraswamidhas	MECH	Both- Regular & Self Study Mode
121	Bearing Design And Lubrication	NMED525	NEP	DE	Prof. Md Sikandar Azam	MECH	Both- Regular & Self Study Mode
122	Design Of Fluid Power System	NMED521	NEP	DE	Prof. Ajit Kumar	MECH	Both- Regular & Self Study Mode
123	Industrial Automation	NMED535	NEP	DE	Prof. Zafar Alam	MECH	Both- Regular & Self Study Mode
124	Mining Machinery	MME202	CBCS	ESO	Prof. Jayanta Das	MECH	Both- Regular & Self Study Mode
125	Theory of Machines	MMC202	CBCS	DC	Prof. Ajit Kumar	MECH	Both- Regular & Self Study Mode
126	Theory of Metal Forming	NMEC503	NEP	DC	Prof. Somnath Chattopadhyaya	MECH	Both- Regular & Self Study Mode
127	Computer Aided Engineering Design	NMED524	NEP	DE	Prof. Kailash Jha	MECH	Both- Regular & Self Study Mode
128	Computer Aided Engineering Design	MEE202	CBCS	DC	Prof. Kailash Jha	MECH	Both- Regular & Self Study Mode
129	Theory of Lubrication	MED521	CBCS	DE	Prof. Md Sikandar Azam	MECH	Both- Regular & Self Study Mode
130	Mechanics For Engineers	NMEE101	NEP	ESC	Prof. Kailash Jha	MECH	Self-Study
131	Basic Mechanical Engineering	NMEE102	NEP	DE	Prof. Rakesh Kumar	MECH	Self-Study
132	Bulk Material Handling Equipment	MMC207	CBCS	DC	Prof. Madan Lal Chandravanshi	MECH	Self-Study
133	Computer Aided Manufacturing	MEC306	CBCS	DC	Prof. Vivek Bajpai	MECH	Self-Study
134	Finite Elements Analysis	MEC503	CBCS	DC	Prof. Sachin Kumar Singh	MECH	Self-Study
135	Design of Mining Equipment Components	MMC208	CBCS	DC	Prof. Niranjana Kumar	MECH	Self-Study
136	Engineering Mechanics	NMEC101	NEP	DC	Prof. Abhijeet Sethi	MECH	Self-Study
137	Engineering Mechanics	MEI101	CBCS	IC	Prof. Abhijeet Sethi	MECH	Self-Study
138	Engineering Materials	MEE201	CBCS	ESO	Prof. Madan Lal Chandravanshi, Prof. Vivek Bajpai	MECH	Self-Study
139	Fluid Mechanics	MEC202	CBCS	DC	Prof. Ajay Bhandari, Prof. Subhankar Sen	MECH	Self-Study
140	Hydraulics & Pneumatics	MMC209	CBCS	DC	Prof. Ajit Kumar	MECH	Self-Study
141	IC Engines	MME201	CBCS	ESO3	Prof. Tanweer Alam	MECH	Self-Study
142	IC Engines and Gas Turbines	MEC307	CBCS	DC	Prof. Deepak Kumar Mandal	MECH	Self-Study
143	Kinematics of Machines	MEC201	CBCS	DC	Prof. Ajit Kumar	MECH	Self-Study
144	Machine Design	MEC301	CBCS	DC	Prof. Sachin Kumar Singh	MECH	Self-Study
145	Manufacturing Process	NMES101	NEP	SEC	Prof. Suman Saha	MECH	Self-Study
146	Manufacturing Technology	MMC201	CBCS	DC	Prof. Suman Saha	MECH	Self-Study

Sl. No.	Course Name	Course Code	Course_Type	Course Category	Course Instructor	Department	Mode of offering
147	Dynamics of Machinery	MEC207	CBCS	DC	Prof. Rabindra Nath Hota	MECH	Self-Study
148	Composite Material	MEC529	CBCS	DC	P K MAHATO & S S SINGH	MECH	Self-Study
149	Fracture Mechanics	MED531	CBCS	DE	R R DAS & S S SINGH	MECH	Self-Study
150	Rock Breakage	MNC201	CBCS	DC	Prof. Bhanwar Sing Choudhary	MNE	Self-Study
151	Elements of Mining	MNC200	CBCS	DC	Prof. Ashok Kumar	MNE	Self-Study
152	Computer Aided Mine Planning Practical	MNC302	CBCS	DP	Prof. Siddharth Agarwal	MNE	Both- Regular & Self Study Mode
153	Mine Ventilation Practical	MNC303	CBCS	DP	Prof. Patitapaban Sahu	MNE	Both- Regular & Self Study Mode
154	Numerical Modelling/Remote Sensing & GIS Practical	MNC307	CBCS	DP	Prof. Kashinath Pal, Prof. Ajeet Yadav	MNE	Both- Regular & Self Study Mode
155	Project - I	MNC401	CBCS	DC	Prof. Rabindra Kumar Sinha	MNE	Both- Regular & Self Study Mode
156	Rock Excavation Engineering	MND400	CBCS	DE	Prof. Ankush Galav	MNE	Both- Regular & Self Study Mode
157	Open Pit Slope Analysis and Design	MND402	CBCS	DE	Prof. Bhaskara Behera	MNE	Both- Regular & Self Study Mode
158	Mine Surveying	MNC202	CBCS	DC	Prof. Dheeraj Kumar	MNE	Self-Study
159	Rock Breakage Practical	MNC204	CBCS	DP	Prof. Dondapati Gopi Krishna	MNE	Self-Study
160	Underground Metal Mining	MNC207	CBCS	DC	Prof. Mohammad Soyeb Alam	MNE	Self-Study
161	Underground Coal Mining	MNC208	CBCS	DC	Prof. R M Bhattacharjee	MNE	Self-Study
162	Rock Mechanics Practical	MNC209	CBCS	DP	Prof. Dondapati Gopi Krishna	MNE	Self-Study
163	Mine Ventilation	MNC206	CBCS	DC	Prof. Devi Prasad Mishra	MNE	Self-Study
164	Mine Automation and Data Analytics	MNC305	CBCS	DC	Prof. Radhakanta Koner	MNE	Self-Study
165	Advanced Mine Ventilation	MND401	CBCS	DE	Prof. Devi Prasad Mishra	MNE	Self-Study
166	Mine Safety Engineering	MND405	CBCS	OE	Prof. Partha Sarathi Paul	MNE	Self-Study
167	Mine Environmental Engineering	MND406	CBCS	OE	Prof. Patitapaban Sahu	MNE	Self-Study
168	Internship	MNS401	CBCS	DC	Prof. Ankush Galav	MNE	Self-Study
169	Mine Surveying Techniques	NMNC509	NEP	DC	Prof. Ajeet Yadav	MNE	Self-Study
170	Geographical Information System	NMNC510	NEP	DC	Prof. Vasanta Govind Kumar Villuri	MNE	Self-Study
171	Remote Sensing and Digital Image Processing	NMNC511	NEP	DC	Prof. Mohammad Soyeb Alam	MNE	Self-Study
172	Elements of Mining Engineering	NMND506	NEP	DE	Prof. Siddharth Agarwal	MNE	Self-Study
173	UAV Data Mapping and Applications	NMND507	NEP	DE	Prof. Vasanta Govind Kumar Villuri	MNE	Self-Study
174	Remote Sensing and Image Processing Lab	NMNC512	NEP	DP	Prof. Mohammad Soyeb Alam	MNE	Self-Study
175	Geographical Information System Lab	NMNC513	NEP	DP	Prof. Vasanta Govind Kumar Villuri	MNE	Self-Study
176	Advanced Surveying Lab	NMNC514	NEP	DP	Prof. Vasanta Govind Kumar Villuri	MNE	Self-Study
177	Engineering Economics and Finance	MSI101	CBCS	IC	Prof. Preeti Roy	MSIE	Self-Study
178	Foundations of Management and Organizational Behaviour	MSO403	CBCS	OE	Prof. Aamna Khan	MSIE	Self-Study
179	Marketing Management	NMSC518	NEP	DC	Prof. Bibhas Chandra	MSIE	Self-Study
180	Operations Research	MSO301	CBCS	OE	Prof. Sandeep Mondal	MSIE	Self-Study
181	Introduction to Operations Management	MSO404	CBCS	OE	Prof. Esha Saha	MSIE	Self-Study
182	Corporate Finance	NMSC517	NEP	DC	Prof. Preeti Roy	MSIE	Self-Study
183	Research Methodology and Statistics	NMSC595	NEP	DC	Prof. Sandeep Mondal	MSIE	Self-Study
184	Enhanced Oil Recovery Techniques	PED402	CBCS	DE	Prof. Ajay Mandal	PE	Both- Regular & Self Study Mode
185	Elements of Petroleum Production Engineering	PEC206	CBCS	DC	Prof. T K Naiya	PE	Self-Study
186	Oil and Gas Well Testing	PEC307	CBCS	DC	Prof. Ashutosh Kumar	PE	Self-Study
187	Engineering Physics	PHI101	CBCS	IC	Prof. Tusharkanti Dey	PHY	Self-Study
188	Physics Lab	PHI102	CBCS	DP	Prof. Prashant Sharma	PHY	Self-Study
189	Waves and Acoustics	PHC200	CBCS	DC	Prof. Kaushal Kumar	PHY	Self-Study
190	Classical Mechanics	PHC201	CBCS	DC	Prof. Sk Riyajuddin, Prof. Avijit Misra	PHY	Self-Study
191	Mathematical Physics	PHC202	CBCS	DC	Prof. Soumya Bagchi, Prof. Avijit Misra	PHY	Self-Study
192	Introduction to Astrophysics and Astronomy	PHO302	CBCS	OE	Prof. Esha Kundu	PHY	Self-Study
193	Classical Mechanics and Special Theory of Relativity	PHC501	CBCS	DC	Prof. Sk Riyajuddin, Prof. Avijit Misra	PHY	Self-Study

Sl. No.	Course Name	Course Code	Course_Type	Course Category	Course Instructor	Department	Mode of offering
194	Classical Mechanics and Special Theory of Relativity	NPHC501	NEP	DC	Prof. Sk Riyajuddin, Prof. Avijit Misra	PHY	Self-Study
195	Methods of Mathematical Physics	PHC502	CBCS	DC	Prof. Soumya Bagchi, Prof. Avijit Misra	PHY	Self-Study
196	Methods of Mathematical Physics	NPHC502	NEP	DC	Prof. Soumya Bagchi, Prof. Avijit Misra	PHY	Self-Study
197	Optics and Optical Instrumentation	PHC503	CBCS	DC	Prof. Kaushal Kumar	PHY	Self-Study
198	Optics and Optical Instrumentation	NPHC503	NEP	DC	Prof. Kaushal Kumar	PHY	Self-Study
199	Electronics	PHC504	CBCS	DC	Prof. P. M. Sarun	PHY	Self-Study
200	Electronics	NPHC504	NEP	DC	Prof. P. M. Sarun	PHY	Self-Study
201	Numerical Methods and Computer Programming	PHC505	CBCS	DC	Prof. Bobby Kachappilly Antony, Prof. Manu Kurian	PHY	Self-Study
202	Numerical Methods and Computer Programming	NPHC505	NEP	DC	Prof. Bobby Kachappilly Antony, Prof. Manu Kurian	PHY	Self-Study
203	Experimental Physics - I	PHC506	CBCS	DP	Prof. Sudipto Singha Roy	PHY	Self-Study
204	Experimental Physics - I	NPHC506	NEP	DP	Prof. Sudipto Singha Roy	PHY	Self-Study
205	Experimental Physics - II	PHC507	CBCS	DP	Prof. Sudipto Singha Roy	PHY	Self-Study
206	Experimental Physics - II	NPHC507	NEP	DP	Prof. Sudipto Singha Roy	PHY	Self-Study
207	Quantum Mechanics	PHC508	CBCS	DC	Prof. Sridhar Sahu, Prof. Manu Kurian	PHY	Self-Study
208	Quantum Mechanics	NPHC508	NEP	DC	Prof. Sridhar Sahu, Prof. Manu Kurian	PHY	Self-Study
209	Electrodynamics and Radiation theory	PHC509	CBCS	DC	Prof. Pankaj Mishra	PHY	Self-Study
210	Electrodynamics and Radiation theory	NPHC509	NEP	DC	Prof. Pankaj Mishra	PHY	Self-Study
211	Condensed Matter Physics	PHC511	CBCS	DC	Prof. Shailendra Kumar Sharma	PHY	Self-Study
212	Condensed Matter Physics	NPHC511	NEP	DC	Prof. Shailendra Kumar Sharma	PHY	Self-Study
213	Laser Physics and Technology	PHC515	CBCS	DC	Prof. Vineet Kumar Rai	PHY	Self-Study
214	Theory of Relativity	NPHD516	NEP	DE	Prof. Avijit Misra	PHY	Self-Study