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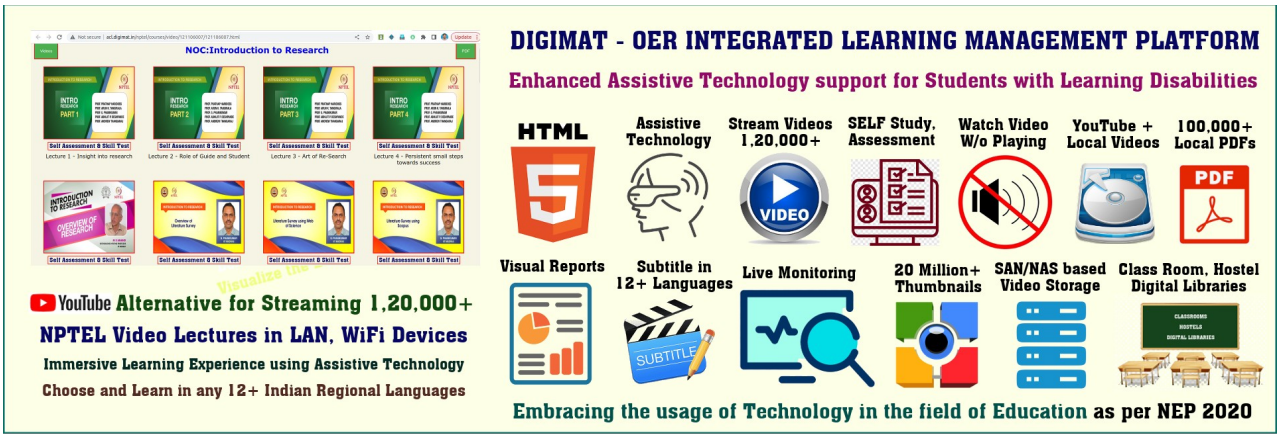

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NPTEL Video Courses Information in Supplementary Formats

(Document Last Updated : November 13, 2026)

No	NPTEL Information Summary	Status	Courses	Lectures
1	NPTEL Video Courses (Sep' 2003 to October 2026)	Completed	3,064	1,45,737
2	NPTEL Video Courses (PDF Transcription)	Completed	2,369	1,08,027
3	NPTEL Video Courses (English Subtitles)	Completed	2,364	1,07,742
4	NPTEL Video Courses (Tamil Subtitles)	Completed	2,364	1,07,646

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NPTEL VIDEO COURSES INFORMATION IN SUPPLEMENTARY FORMATS

PDF Transcriptions, HTML-5 Support, Video Sub-Titles (for Media Player / Web), Video Size

Total NPTEL Video Courses : 3,064 | Total NPTEL Video Lectures : 1,45,737 (Updated: November 13, 2026)

No.	ID	Name of the Engineering Discipline	Total Video Courses	Total Video Lectures	Size (GB)
1	101	Aerospace Engineering	73	3,566	1,022.3
2	102	Biotechnology	125	5,771	1,782.0
3	103	Chemical Engineering	168	8,035	2,567.8
4	104	Chemistry and Biochemistry	113	5,307	2,118.1
5	105	Civil Engineering	251	12,152	3,311.5
6	106	Computer Science and Engineering	276	14,460	3,574.7
7	107	Engineering Design	29	1,119	395.0
8	108	Electrical Engineering	260	14,053	3,969.9
9	109	Humanities and Social Sciences	302	12,708	4,189.1
10	110	Management	213	10,320	2,490.3
11	111	Mathematics	219	11,243	2,631.8
12	112	Mechanical Engineering	329	14,344	3,826.0
13	113	Metallurgy and Material Science	111	5,226	1,397.6
14	114	Ocean Engineering	34	1,630	584.6
15	115	Physics	125	6,241	1,730.5
16	116	Textile Engineering	15	488	294.7
17	117	Electronics and Communication Engineering	105	4,705	1,165.5
18	118	Nanotechnology	2	85	54.0
19	119	Atmospheric Science	3	121	51.0
20	120	Environmental Science	2	124	23.0
21	121	General	16	581	269.7
22	122	Basic Courses (Semester 1 and 2)	21	657	170.0
23	123	Mining Engineering	9	456	75.9
24	124	Architecture	45	1,938	474.3
25	126	Agriculture	38	2,044	340.5
26	127	Multi-Disciplinary	94	4,411	883.6
27	128	Special Lecture Series	33	1,102	483.4
28	129	Law	29	1,409	183.4
29	130	Economics	18	1,046	125.3
30	MED	Medical Courses	6	395	83.0
		Total :	3,064	1,45,737	40,268.5

No	Course ID	Lec	Name of the NPTEL Video Course	PDF	HT5	VST	SIZE (GB)
Discipline : Aerospace Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/aerospace-engineering.pdf							
1	101101001	40	Introduction to Aerospace Propulsion	Y	Y	Y	35
2	101101002	42	Jet Aircraft Propulsion	Y	Y	Y	30
3	101101058	40	Turbomachinery Aerodynamics	Y	Y	Y	21
4	101104005	26	Aero elasticity	Y	Y	Y	9.2
5	101104013	40	Foundation of Scientific Computing	Y	Y	Y	8.1
6	101104015	39	Instability and Transition of Fluid Flows	Y	Y	Y	17
7	101104017	26	Introduction to Helicopter Aerodynamics and Dynamics	Y	Y	Y	16
8	101104018	40	Introduction to Propulsion	Y	Y	Y	16
9	101104019	40	Jet and Rocket Propulsion	Y	Y	Y	15
10	101105024	40	High Speed Aero Dynamics	Y	Y	Y	12
11	101105030	45	Space Flight Mechanics	Y	Y	Y	13
12	101105059	46	Introduction to Aerodynamics	Y	Y	Y	15
13	101106031	41	Acoustic Instabilities in Aerospace Propulsion	Y	Y	Y	17
14	101106033	42	Aerospace Propulsion	Y	Y	Y	20
15	101106042	41	Flight Dynamics II (Stability)	Y	Y	Y	17
16	101106044	54	Gas Dynamics	Y	Y	Y	24
17	101106045	39	Introduction to CFD	Y	Y	Y	16
18	101108047	40	Advanced Control System Design for Aerospace Vehicles	Y	Y	Y	19
19	101108057	40	Optimal Control, Guidance and Estimation	Y	Y	Y	11
20	101104061	48	NOC:Introduction to Airplane Performance	Y	Y	Y	3.4
21	101104062	60	NOC:Stability and Control of Aircraft	Y	Y	Y	4.7
22	101106037	51	Combustion	Y	Y	Y	50
23	101104064	43	NOC:Aircraft Dynamic Stability and Design Stability Augmentation System	Y	Y	Y	3.2
24	101104063	38	NOC:Engineering Thermodynamics (2016)	Y	Y	Y	4.6
25	101104066	21	NOC:Introduction to Experiments in Flight	Y	Y	Y	1.3
26	101104065	46	NOC:Introduction to Ancient Indian Technology	Y	Y	Y	18
27	101104067	58	NOC:Engineering Thermodynamics (2017)	Y	Y	Y	2.5
28	101108068	62	NOC:Combustion in Air Breathing Aero Engines	Y	Y	Y	16
29	101104069	46	NOC:Aircraft Design	Y	Y	Y	4.8
30	101104071	14	NOC:Aircraft Maintenance	Y	Y	Y	5.2
31	101104070	40	NOC:Fundamentals of Combustion - Part I	Y	Y	Y	8.5
32	101104072	40	NOC:Fundamentals of Combustion - Part II	Y	Y	Y	8.4
33	101104073	23	NOC:Design of Fixed Wing Unmanned Aerial Vehicles	Y	Y	Y	8.6
34	101104074	40	NOC:Introduction to Finite Volume Methods-I	Y	Y	Y	16

35	101104075	28	NOC:Advance Aircraft Maintenance	Y	Y	Y	19
36	101104076	40	NOC:Introduction to Finite Volume Methods-II	Y	Y	Y	16
37	101105077	73	NOC:Satellite Attitude Dynamics and Control	Y	Y	Y	25
38	101101079	67	NOC:Introduction to Aerospace Engineering	Y	Y	Y	34
39	101104078	60	NOC:Introduction to Rocket Propulsion	---	Y	Y	15
40	101105081	40	NOC:Vibration and Structural Dynamics	---	Y	Y	11
41	101106082	36	NOC:Rocket Propulsion	Y	Y	Y	77
42	101105084	42	NOC:Aircraft Structures - I	Y	Y	Y	21
43	101104084	60	NOC:Introduction to Airbreathing Propulsion	Y	Y	Y	41
44	101101083	86	NOC:Introduction to Aircraft Design	Y	Y	Y	9.0
45	101105085	65	NOC:Introduction to CFD	Y	Y	---	30
46	101105083	99	NOC:Space Flight Mechanics	Y	Y	Y	52
47	101104083	26	NOC:UAV Design - Part II	Y	Y	Y	9.1
48	101101086	36	NOC:Introduction to Launch Vehicle Analysis and Design	Y	Y	Y	2.2
49	101101087	121	NOC:Lighter than Air Systems	Y	Y	Y	2.9
50	101104086	40	NOC:Computational Science in Engineering	Y	Y	Y	3.1
51	101108086	60	NOC:Gasdynamics: Fundamentals and Applications	Y	Y	Y	5.7
52	101105088	69	NOC:Fundamentals of Theoretical and Experimental Aerodynamics	---	Y	---	6.5
53	101105089	69	NOC:Aerodynamic Design of Axial Flow Compressors and Fans	Y	Y	Y	8.8
54	101102090	46	NOC:Elements of Mechanical Vibration	---	Y	---	11
55	101105090	62	NOC:Smart Structures	Y	Y	Y	4.6
56	101105091	64	NOC:Aeroengine Gas Turbine Cycles	---	Y	---	6.9
57	101104330	60	NOC:Introduction to Aircraft Control System	Y	Y	Y	3.1
58	101105331	40	NOC:Combustion of Solid Fuels and Propellants	Y	Y	Y	3.0
59	101105332	40	NOC:Aerospace Structural Analysis	---	Y	---	3.1
60	101105333	60	NOC:Fundamentals of Supersonic and Hypersonic Flow	---	Y	---	5.3
61	101104450	62	NOC:Applied Computational Fluid Dynamics	---	Y	---	6.6
62	101104545	59	NOC:Advanced Aircraft Control Systems with MATLAB-SIMULINK	Y	Y	Y	4.2
63	101104546	60	NOC:Wind Energy	Y	Y	Y	3.9
64	101104796	62	NOC:Space Environment and its Effects on Orbital Spacecrafts	---	Y	---	5.4
65	101105660	60	NOC:Industrial Aerodynamics	---	Y	Y	8.6
66	101105662	64	NOC:Mechanics of Composite Materials and Structures	---	Y	---	5.4
67	101108661	50	NOC:Drone Systems and Control	---	Y	---	6.3
68	101101805	51	NOC:Air Transportation: An Overview	---	Y	---	8.5
69	101104806	56	NOC:Computational Gas Dynamics	---	Y	---	5.9
70	101104807	25	NOC:Aeromechanics of Unmanned Aerial Vehicles/Drones	---	Y	---	16
71	101104808	40	NOC:Fluid Mechanics	---	Y	Y	17
72	101104001	45	NOC:Computational Fluid Dynamics using the Finite Element Method	---	Y	---	17

73	101106001	52	NOC:Principles of Perception and Planning for Aerial Vehicles	---	Y	---	5.7
Discipline : Biotechnology Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/biotechnology.pdf							
1	102101003	39	Biomathematics	Y	Y	Y	29
2	102101007	40	Proteomics: Principles and Techniques	Y	Y	Y	34
3	102102033	28	Enzyme Science and Engineering	Y	Y	Y	4.9
4	102104042	40	Animal Physiology	Y	Y	Y	15
5	102104043	40	Bio electricity	Y	Y	Y	12
6	102106022	36	Downstream Processing	Y	Y	Y	17
7	102106026	40	Thermodynamics	Y	Y	Y	17
8	102107028	41	Analytical Technologies in Biotechnology	Y	Y	Y	24
9	102101050	21	NOC:Mass spectrometry based proteomics	Y	Y	Y	1.5
10	102106048	20	NOC:Principles of Downstream techniques in Bioprocess	Y	Y	Y	2.4
11	102101049	21	NOC:Proteins and Gel-Based Proteomics	Y	Y	Y	1.7
12	102106051	40	NOC:Biostatistics and Design of Experiments	Y	Y	Y	14
13	102106053	21	NOC:Bioreactors	Y	Y	Y	5.3
14	102104052	15	NOC:Human Molecular Genetics	Y	Y	Y	1.2
15	102101054	40	NOC:Interactomics: Protein Arrays and Label-free Biosensors	Y	Y	Y	28
16	102106057	40	NOC:Medical Biomaterials	Y	Y	Y	15
17	102104056	19	NOC:Functional Genomics	Y	Y	Y	1.6
18	102101056	40	NOC:Introduction to Biostatistics	Y	Y	Y	18
19	102103056	24	NOC:Introduction to Dynamical Models in Biology	Y	Y	Y	5.2
20	102104057	40	NOC:Bioenergy	Y	Y	Y	2.2
21	102107058	20	NOC:Biomedical Nanotechnology	Y	Y	Y	4.7
22	102101058	40	NOC:Introduction to Mechanobiology	Y	Y	Y	34
23	102104058	60	NOC:Animal Physiology	Y	Y	Y	2.3
24	102104059	40	NOC:Cell Culture Technologies	Y	Y	Y	1.4
25	102104060	40	NOC:Forest Biometry	Y	Y	Y	1.8
26	102105058	60	NOC:Industrial Biotechnology	Y	Y	Y	15
27	102106066	18	NOC:Demystifying the Brain	Y	Y	Y	30
28	102104061	20	NOC:Introduction To Professional and Scientific Communication	Y	Y	Y	5.3
29	102104062	20	NOC:Bioelectrochemistry	Y	Y	Y	3.9
30	102104063	20	NOC:Bioenergetics Of Life Processes	Y	Y	Y	3.9
31	102101067	40	NOC:Introductory Mathematical Methods for Biologists	Y	Y	Y	36
32	102101055	40	NOC:Introduction to Proteomics	Y	Y	Y	16
33	102106065	69	NOC:BioInformatics:Algorithms and Applications	Y	Y	Y	34
34	102105064	60	NOC:Aspects Of Biochemical Engineering	Y	Y	Y	16
35	102101068	40	NOC:Bioengineering: An Interface with Biology and Medicine	Y	Y	Y	35

36	102104068	40	NOC:Wildlife Conservation	Y	Y	Y	13
37	102104069	40	NOC:Nanotechnology in Agriculture	Y	Y	Y	6.4
38	102105068	20	NOC:Biomicrofluidics	Y	Y	Y	5.7
39	102106068	103	NOC:Computational Systems Biology	Y	Y	Y	126
40	102106069	69	NOC:Material and Energy Balances	Y	Y	Y	60
41	102106070	40	NOC:Computer Aided Drug Design	Y	Y	Y	38
42	102101072	40	NOC:Applications of Interactomics using Genomics and Proteomics Technologies	Y	Y	Y	42
43	102104073	36	NOC:Wild Life Ecology	Y	Y	Y.	25
44	102108071	20	NOC:Learning about Learning: A Course on Neurobiology of Learning and Memory	Y	Y	Y	3.8
45	102101076	80	NOC:Introduction to Proteogenomics	Y	Y	Y	55
46	102103074	41	NOC:Genetic Engineering: Theory and Application	Y	Y	Y	34
47	102106080	29	NOC:Plant Cell Bioprocessing	Y	Y	Y	39
48	102106081	37	NOC:Tissue Engineering	Y	Y	Y	53
49	102107075	20	NOC:Plant Developmental Biology	Y	Y	Y	3.3
50	102108077	63	NOC:Drug Delivery: Principles and Engineering	Y	Y	Y	9.5
51	102108078	61	NOC:Fundamentals of Micro and Nanofabrication	Y	Y	Y	14
52	102104082	36	NOC:Forests and their Management	Y	Y	Y	36
53	102101082	60	NOC:Interactomics: Basics and Applications	Y	Y	Y	58
54	102108082	58	NOC:Optical Spectroscopy and Microscopy: Fundamentals of Optical Measurements and Instrumentation	Y	Y	Y	11
55	102106082	87	NOC:Thermodynamics for Biological Systems: Classical and Statistical Aspect	Y	Y	Y	39
56	102103083	45	NOC:Experimental Biotechnology	Y	Y	Y	26
57	102105083	60	NOC:Immunology	Y	Y	---	23
58	102106084	28	NOC:Introduction to Developmental Biology	Y	Y	Y	5.4
59	102106083	81	NOC:Transport Phenomena in Biological Systems	Y	Y	Y	11
60	102103086	24	NOC:Biointerface Engineering	---	Y	---	3.2
61	102104086	36	NOC:Conservation Economics	Y	Y	Y	11
62	102105086	37	NOC:Metabolic Engineering	Y	Y	Y	4.2
63	102105087	63	NOC:Environmental Chemistry and Microbiology	Y	Y	Y	6.8
64	102106086	40	NOC:Bioreactor Design and Analysis	Y	Y	Y	2.6
65	102106087	34	NOC:Biochemistry (IITM)	Y	Y	Y	3.9
66	102107086	60	NOC:Structural Biology	Y	Y	Y	20
67	102108086	33	NOC:Cell Biology: Cellular Organization, Division and Processes	Y	Y	Y	2.9
68	102104088	36	NOC:Conservation Geography	Y	Y	Y	8.4
69	102105088	52	NOC:Environmental Biotechnology	Y	Y	Y	8.3
70	102105089	60	NOC:Fundamentals of Protein Chemistry	Y	Y	Y	5.3
71	102105090	53	NOC:Introduction to Biomedical Imaging Systems	Y	Y	Y	7.1

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72	102101091	65	NOC:Maternal Infant Young Child Nutrition	Y	Y	Y	8.0
73	102103091	50	NOC:Basics of Biology	Y	Y	Y	9.8
74	102103092	49	NOC:Data Analysis for Biologists	Y	Y	Y	8.3
75	102103093	49	NOC:Genome Editing and Engineering	Y	Y	Y	4.8
76	102106093	60	NOC:Cellular Biophysics: A Framework for Quantitative Biology	Y	Y	Y	3.3
77	102106094	51	NOC:Medical Image Analysis	Y	Y	Y	3.6
78	102106095	37	NOC:Organ Printing	---	Y	---	3.3
79	102106096	58	NOC:Introduction to Cell Biology	Y	Y	Y	3.0
80	102101097	62	NOC:Maternal Infant Young Child Nutrition (Hindi)	---	Y	---	8.9
81	102103097	47	NOC:Enzyme Sciences and Technology	Y	Y	Y	9.7
82	102106097	62	NOC:RNA Biology	Y	Y	Y	9.8
83	102106098	84	NOC:Biomechanics	Y	Y	Y	6.6
84	102104099	34	NOC:Neurobiology	Y	Y	Y	1.0
85	102105099	60	NOC:Next Generation Sequencing Technologies: Data Analysis and Applications	Y	Y	Y	4.9
86	102105100	60	NOC:Computational Neuroscience	Y	Y	---	5.1
87	102105101	20	NOC:Electrophysiology of Heart	Y	Y	Y	1.9
88	102103341	52	NOC:Molecular Biology	Y	Y	Y	11
89	102105342	63	NOC:Pharmacognosy and Metabolic Engineering	---	Y	---	4.9
90	102106339	44	NOC:Computational Genomics	---	Y	---	5.8
91	102106340	60	NOC:Human Physiology	Y	Y	Y	6.9
92	102106343	63	NOC:I Think Biology	Y	Y	Y	6.4
93	102106345	156	NOC:Classics in Neuroscience	---	Y	Y	11
94	102108344	55	NOC:Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications	Y	Y	Y	5.7
95	102106102	33	Introduction to Synthetic Biology	---	Y	---	4.1
96	102104459	60	NOC:Design for Biosecurity	Y	Y	Y	16
97	102106456	40	NOC:Advances in Omics	---	Y	Y	9.1
98	102106457	66	NOC:Statistics for Biomedical Engineers	---	Y	Y	13
99	102103555	39	NOC:Microbial Biotechnology	Y	Y	Y	7.1
100	102105554	60	NOC:Introduction to Complex Biological Systems	Y	Y	Y	9.9
101	102105556	40	NOC:Biological Data Analysis and Visualization with R	---	Y	---	5.3
102	102106553	29	NOC:Advanced Fluorescence Microscopy and Image Processing	---	Y	Y	6.3
103	102107557	21	NOC:Experimental Nanobiotechnology	Y	Y	Y	5.2
104	102103671	46	NOC:Cell and Molecular Biology	Y	Y	Y	14
105	102103672	56	NOC:Fundamentals of Bioprocess Engineering	---	Y	---	10
106	102106667	62	NOC:Regeneration Biology	Y	Y	Y	15
107	102106669	111	NOC:Biomedical Instrumentation	---	Y	---	11
108	102106670	60	NOC:Human Physiology	Y	Y	Y	15

109	102106673	60	NOC:Biological Engineering	---	Y	---	15
110	102106751	51	NOC:An Introduction to Evolutionary Biology	Y	Y	Y	22
111	102106752	40	NOC:Cell Signaling	Y	Y	Y	7.0
112	102108668	57	NOC:Fundamentals of Cryo-Electron Microscopy (Cryo-EM) and 3D Image Processing in Structural Biology	---	Y	Y	11
113	102106652	28	Cancer Biology	---	Y	---	9.8
114	102106657	48	Reactive Species in Medical and Related Technologies	---	Y	---	6.7
115	102102817	43	NOC:Healthcare Entrepreneurship	---	Y	---	19
116	102106818	60	NOC:Mass Spectrometry and its Application in Molecular Medicine	---	Y	---	11
117	102106819	14	NOC:Introduction to Cardiovascular Mechanics	---	Y	---	3.1
118	102106820	34	NOC:Polymeric Biomaterials: Structure, Properties, Function and Performance	---	Y	---	12
119	102106821	21	NOC:Animal Transgenesis: Principles and Methods	---	Y	Y	3.6
120	102102001	35	NOC:Mechanical Characterization and Modelling of Tissues	---	Y	---	24
121	102103001	60	NOC:Fundamentals of General Immunology	---	Y	---	11
122	102103002	60	NOC:Transport Phenomena in Bioprocess Engineering	---	Y	---	8.4
123	102104001	60	NOC:Biodiversity for Sustainability	---	Y	---	7.4
124	102106001	42	NOC:Epigenetics	---	Y	---	9.9
125	102106002	40	NOC:Evolution in the Genomic Era	---	Y	---	7.3
Discipline : Chemical Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/chemical-engineering.pdf							
1	103101001	41	Advanced Chemical Reaction Engineering (PG)	Y	Y	Y	31
2	103101003	26	Advanced Process Control	Y	Y	Y	34
3	103101008	39	Chemical Reaction Engineering II	Y	Y	Y	34
4	103101111	49	Advanced Numerical Analysis	Y	Y	Y	41
5	103102012	40	Heterogeneous Catalysis and Catalytic Processes	Y	Y	Y	19
6	103103034	39	Mass Transfer Operations I	Y	Y	Y	14
7	103103039	46	Process Design Decisions and Project Economics	Y	Y	Y	27
8	103104044	40	Fluid Mechanics	Y	Y	Y	15
9	103104046	40	Mass Transfer II	Y	Y	Y	16
10	103104050	41	Plantwide Control of Chemical Processes	Y	Y	Y	16
11	103105054	40	Biochemical Engineering	Y	Y	Y	8.5
12	103105057	40	Microscale Transport Processes	Y	Y	Y	12
13	103105059	40	Multiphase Flow	Y	Y	Y	11
14	103105061	41	Novel Separation Processes	Y	Y	Y	19
15	103105064	44	Process Control and Instrumentation	Y	Y	Y	11
16	103105066	40	Instability and Patterning of Thin Polymer Films	Y	Y	Y	12
17	103105106	41	Advanced Mathematical Techniques in Chemical Engineering	Y	Y	Y	12

18	103106070	35	Chemical Engineering Thermodynamics	Y	Y	Y	3.1
19	103106073	47	Computational Fluid Dynamics	Y	Y	Y	21
20	103106074	40	Computational Techniques	Y	Y	Y	20
21	103106103	40	Particle Characterization (PG)	Y	Y	Y	16
22	103106113	45	Multiphase flows:Analytical solutions and Stability Analysis	Y	Y	Y	34
23	103106114	59	NOC:Introduction to Time-Frequency Analysis and Wavelet Transforms	Y	Y	Y	5.3
24	103107081	40	Chemical Technology - I	Y	Y	Y	29
25	103107093	43	Process Integration	Y	Y	Y	55
26	103108097	40	Chemical Reaction Engineering	Y	Y	Y	16
27	103108098	40	Fundamentals of Transport Processes	Y	Y	Y	19
28	103108099	40	Fundamentals of Transport Processes - II	Y	Y	Y	9.2
29	103108100	43	Modern Instrumental Methods of Analysis	Y	Y	Y	20
30	103106112	55	Statistics for Experimentalists	Y	Y	Y	28
31	103106118	45	NOC:MATLAB Programming for Numerical Computation	Y	Y	Y	9.9
32	103106115	39	Chemical Engineering Principles of CVD Processes	Y	Y	Y	18
33	103106119	62	NOC:Computational Fluid Dynamics	Y	Y	Y	21
34	103105121	20	NOC:Introduction to Process Modeling in Membrane Separation Process	Y	Y	Y	5.2
35	103106120	19	NOC:Introduction to Statistical Hypothesis Testing	Y	Y	Y	6.4
36	103106116	60	Chemical Reaction Engineering 1 (Homogeneous Reactors)	Y	Y	Y	59
37	103106117	43	Chemical Reaction Engineering 2 (Heterogeneous Reactors)	Y	Y	Y	41
38	103105122	40	NOC:Soft Nano Technology	Y	Y	Y	10
39	103105124	25	NOC:Adiabatic Two-Phase Flow & Flow Boiling in Microchannel	Y	Y	Y	6.0
40	103107123	20	Mechanical Operations	Y	Y	Y	4.3
41	103108124	41	NOC:Atomic and Molecular Absorption Spectrometry for Pollution Monitoring	Y	Y	Y	8.7
42	103106123	112	NOC:Applied Time-Series Analysis	Y	Y	Y	30
43	103107125	40	NOC:Waste to Energy Conversion	Y	Y	Y	11
44	103108123	71	NOC:Transport Processes I: Heat and Mass Transfer	Y	Y	Y	12
45	103108127	38	NOC:Trace and Ultra-trace Analysis of Metals using Atomic Absorption Spectrometry	Y	Y	Y	11
46	103101127	40	NOC:Introduction to Evolutionary Dynamics	Y	Y	Y	35
47	103105127	65	NOC:Phase Equilibrium Thermodynamics	Y	Y	Y	5.0
48	103105128	60	NOC:Transport Phenomena	Y	Y	Y	18
49	103107127	20	NOC:Unit Operations of Particulate Matter	Y	Y	Y	3.9
50	103106131	63	NOC:Rheology of Complex Materials	Y	Y	Y	30
51	103103135	12	NOC:Measurement Technique in Multiphase Flows	Y	Y	Y	3.3
52	103103133	12	NOC:An Introduction to Cardiovascular Fluid Mechanics	Y	Y	Y	1.1
53	103108138	22	NOC:Inductive Couple Plasma Atomic Emmission Spectrometry (ICP-AES) for Pollution Monitoring	Y	Y	Y	5.9

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54	103103134	24	NOC:Multiphase Microfluidics	Y	Y	Y	4.0
55	103104129	51	NOC:Thermodynamics Of Fluid Phase Equilibria	Y	Y	Y	7.2
56	103101137	60	NOC:Heat Transfer	Y	Y	Y	24
57	103103132	31	NOC:Fluidization Engineering	Y	Y	Y	4.5
58	103105130	60	NOC:Chemical Process Instrumentation	Y	Y	Y	16
59	103103136	22	NOC:Multiphase Flows	Y	Y	Y	6.7
60	103103139	24	NOC:Introduction to Polymer Physics (IIT-G)	Y	Y	Y	11
61	103103140	22	NOC:Natural Gas Engineering	Y	Y	Y	8.3
62	103105139	60	NOC:Optimization in Chemical Engineering	Y	Y	Y	19
63	103105140	60	NOC:Heat Transfer (2018)	Y	Y	Y	18
64	103107139	60	NOC:Introduction to Polymer Physics (IIT-R)	Y	Y	Y	11
65	103108139	21	NOC:Infrared Spectroscopy for Pollution Monitoring	Y	Y	Y	5.2
66	103101141	60	NOC:Chemical Reaction Engineering-II	Y	Y	Y.	37
67	103101142	48	NOC:Chemical Process Control	Y	Y	Y	17
68	103103144	42	NOC:Chemical Engineering Thermodynamics	Y	Y	Y	13
69	103103145	41	NOC:Mass Transfer Operations-I	Y	Y	Y	27
70	103103146	41	NOC:Transport Phenomena of Non-Newtonian Fluids	Y	Y	Y	6.6
71	103103147	33	NOC:Fluid Flow Operations	Y	Y	Y	20
72	103106148	52	NOC:Process Control - Design, Analysis and Assessment	Y	Y	Y	68
73	103107143	20	NOC:Equipment Design: Mechanical Aspects	Y	Y	Y	4.0
74	103106149	121	System Identification	Y	Y	---	153
75	103103152	35	NOC:Chemical Process Intensification	Y	Y	Y	22
76	103103153	30	NOC:Chemical Reaction Engineering - I	Y	Y	Y	17
77	103103154	32	NOC:Mass Transfer Operations II	Y	Y	Y	19
78	103103155	37	NOC:Mechanical Unit Operations	Y	Y	Y	26
79	103104151	63	NOC:Chemical Engineering Thermodynamics	Y	Y	Y	15
80	103105160	60	NOC:Flow through Porous Media	Y	Y	Y	16
81	103105161	60	NOC:Fundamentals of Particle and Fluid Solid Processing	Y	Y	Y	16
82	103106158	70	NOC:Fluid and Particle Mechanics	Y	Y	Y	90
83	103106159	116	NOC:Continuum Mechanics and Transport Phenomena	Y	Y	Y	84
84	103107156	60	NOC:Chemical Process Safety	Y	Y	Y	9.9
85	103107157	40	NOC:Technologies For Clean And Renewable Energy Production	Y	Y	Y	8.3
86	103102016	37	Interfacial Engineering	---	Y	---	8.7
87	103103162	31	NOC:Advanced Thermodynamics	Y	Y	Y	25
88	103103165	35	NOC:Basic Principles and Calculations in Chemical Engineering	Y	Y	Y	15
89	103103164	37	NOC:Computer Aided Applied Single Objective Optimization	Y	Y	Y	20
90	103108162	35	NOC:Electrochemical Technology in Pollution Control	Y	Y	Y	21
91	103106162	61	NOC:Environmental Quality Monitoring and Analysis	Y	Y	Y	51

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92	103103163	36	NOC:Membrane Technology	Y	Y	Y	17
93	105106204	48	NOC:Colloids and Surfaces	Y	Y	Y	9.2
94	103105166	60	NOC:Plant Design and Economics	Y	Y	---	25
95	105106205	87	NOC:Polymers: Concepts, Properties, Uses and Sustainability	Y	Y	Y	13
96	103103206	38	NOC:Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	Y	Y	Y	5.2
97	103103207	37	NOC:Biomass Conversion and Biorefinery	Y	Y	Y	5.8
98	103107206	60	NOC:Polymer Reaction Engineering	Y	Y	Y	6.0
99	103107207	60	NOC:Process Equipment Design	Y	Y	Y	11
100	103107208	60	NOC:Advanced Thermodynamics and Molecular Simulations	Y	Y	Y	12
101	103101209	61	NOC:Introduction to Interfacial Waves	Y	Y	---	5.4
102	103103209	35	NOC:Aspen Plus® Simulation Software-A basic course for beginners	Y	Y	Y	6.3
103	103105209	60	NOC:Material and Energy Balance Computations	Y	Y	Y	6.9
104	103105210	64	NOC:Principles and Practices of Process Equipment and Plant Design	Y	Y	Y	7.2
105	103102211	65	NOC:Fluid Mechanics and its Applications	Y	Y	Y	3.4
106	103103211	25	NOC:Physical and Electrochemical Characterizations in Chemical Engineering	---	Y	---	3.3
107	103107211	60	NOC:Chemical Process Utilities	Y	Y	Y	6.2
108	103107212	60	NOC:Physico-Chemical Processes for Waste Water Treatment	Y	Y	Y	6.1
109	103103031	40	Heat Transfer	---	Y	Y	20
110	103101215	69	NOC:Hydrogen Energy:Production,Storage,Transportation and Safety	Y	Y	Y	7.8
111	103105215	60	NOC:Mathematical Modelling and Simulation of Chemical Engineering Process	Y	Y	Y	5.2
112	103105216	60	NOC:Advanced Process Dynamics	Y	Y	Y	7.0
113	103106214	40	Synthetic and Natural Supramolecular Architectures: An Approach Towards Molecular Technology	---	Y	---	6.1
114	103107215	60	NOC:Basic Environmental Engineering and Pollution Abatement	Y	Y	Y	5.6
115	103103217	43	NOC:Chemical Process Technology	---	Y	Y	4.5
116	103103218	35	NOC:Inorganic Chemical Technology	Y	Y	Y	5.7
117	103105217	40	NOC:Metallocene and Metal-Carbene based Organometallic Compounds as Industrially Important Advanced Polyolefin Catalysts	Y	Y	---	4.2
118	103105218	60	NOC:Chemical Engineering Fluid Dynamics and Heat Transfer	Y	Y	Y	5.0
119	103105219	60	NOC:Characterization of Polymers, Elastomers and Composites	---	Y	---	8.2
120	103107217	40	NOC:Biological Process Design for Wastewater Treatment	Y	Y	Y	3.9
121	103103220	35	NOC:Organic Chemical Technology	Y	Y	Y	6.7
122	103103221	36	NOC:Solid-Fluid Operations	Y	Y	Y	5.5
123	103103222	30	NOC:Energy Conversion Technologies (Biomass and Coal)	Y	Y	Y	3.4
124	103103223	21	NOC:Petroleum Reservoir Engineering	Y	Y	Y	3.7
125	103105220	60	NOC:Matlab-Based Programming Lab in Chemical Engineering	---	Y	---	6.5
126	103105221	40	NOC:Petroleum Technology	Y	Y	Y	4.3

127	103105222	48	NOC:Rheology and Processing of Paints, Plastic and Elastomer Based Composites	Y	Y	Y	6.3
128	103105223	60	NOC:Petroleum Formation Evaluation	---	Y	---	5.4
129	103106220	62	NOC:Artificial Lift	Y	Y	Y	6.4
130	103107220	60	NOC:Advanced Reaction Engineering	---	Y	---	7.2
131	103107221	60	NOC:Polymer Process Engineering	Y	Y	Y	7.0
132	103108220	60	NOC:Transport Processes	---	Y	---	8.3
133	103101354	60	NOC:Modeling Stochastic Phenomena for Engineering Applications: Part-1	---	Y	Y	4.0
134	103102352	19	NOC:Computational Process Design	---	Y	---	4.5
135	103103355	38	NOC:Applied Statistical Thermodynamics	---	Y	---	3.8
136	103105353	60	NOC:Momentum Transfer in Fluids	Y	Y	Y	5.1
137	103105460	60	NOC:Enhanced Oil Recovery Techniques	---	Y	---	11
138	103105461	40	NOC:Adsorption Science and Technology: Fundamentals and Applications	Y	Y	Y	6.9
139	103101568	73	NOC:Computational Quantum Chemistry	---	Y	---	7.6
140	103104569	60	NOC:Methods of Adhesion Measurement for Pressure Sensitive Adhesives: Theory and Practice	---	Y	---	3.8
141	103106570	40	NOC:Interfacial Engineering	Y	Y	Y	6.4
142	103106655	30	Building Towards a Career in Chemical Industry	---	Y	---	7.2
143	103101786	60	NOC:Novel Drug Delivery Systems	---	Y	Y	8.6
144	103101787	60	NOC:Pharmacognosy and Phytochemistry	Y	Y	Y	9.6
145	103103675	62	NOC:Aspen Plus® Simulation Software - An Advanced Course for Learners	---	Y	---	12
146	103105677	65	NOC:Advanced Heat Conduction	---	Y	---	11
147	103105679	60	NOC:CFD Applications in Chemical Processes	Y	Y	Y	6.4
148	103105680	60	NOC:Engineering Aspects of Biofuels and Biomass Conversion Technologies	---	Y	---	11
149	103105782	60	NOC:Introduction to Python and Petroleum Data Analytics	---	Y	---	16
150	103105795	69	NOC:Foundations on Rubber Science, Technology and Manufacturing	---	Y	---	14
151	103106681	60	NOC:Artificial Intelligence in Drug Discovery and Development	Y	Y	---	12
152	103106783	60	NOC:Pharmaceutical Dosage Forms	---	Y	Y	20
153	103106784	60	NOC:Pharmaceutical Crystal Engineering for Design, Development and Scale-up for Pharmaceutical Solids	---	Y	Y	21
154	103106785	59	NOC:Pharmacological and Toxicological Screening Methods	---	Y	Y	15
155	103107676	40	NOC:Nanotechnology in Chemical Engineering	---	Y	---	7.3
156	103101835	64	NOC:Herbal Product Technology and Regulatory Science	---	Y	---	11
157	103105836	20	NOC:Transport Processes and Modelling of Sustainable Electrochemical Energy Systems	---	Y	---	2.6
158	103105837	60	NOC:Fundamental of Carbon Capture, Utilization and Storage	---	Y	---	13
159	103106838	60	NOC:General Pharmacology	---	Y	---	14

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160	103106839	22	NOC:Principles and Practice of Sleep Medicine	---	Y	Y	4.9
161	103108834	60	NOC:Advanced Transport Processes	---	Y	---	11
162	103105001	40	NOC:Applied Reservoir Engineering	---	Y	---	7.2
163	103105002	60	NOC:Introduction to Scaling Analysis and Perturbation Methods for Chemical Engineers	---	Y	---	20
164	103105003	61	NOC:Principles of Chemical Reaction Engineering	---	Y	---	8.0
165	103106001	64	NOC:Medicinal Chemistry of Antimicrobial Agent	---	Y	---	8.3
166	103106002	59	NOC:General Pharmacotherapeutics	---	Y	---	15
167	103106003	40	NOC:Pharmaceutical Jurisprudence and Practice	---	Y	---	7.6
168	103107001	60	NOC:Analysis and Modeling in Chemical Engineering	---	Y	---	9.9

Discipline : Chemistry and Biochemistry

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1	104104011	40	Chemistry of Materials	Y	Y	Y	18
2	104104026	40	Mathematics for Chemistry	Y	Y	Y	9.1
3	104104066	40	Advance Analytical Course	Y	Y	Y	13
4	104105031	40	Bio-inorganic chemistry	Y	Y	Y	12
5	104105033	40	Co-ordination chemistry (chemistry of transition elements)	Y	Y	Y	9.6
6	104105034	40	Heterocyclic Chemistry	Y	Y	Y	12
7	104105038	40	Organic photochemistry and pericyclic reactions	Y	Y	Y	11
8	104105039	41	Polymer Chemistry	Y	Y	Y	12
9	104105041	40	Rate processes	Y	Y	Y	11
10	104106048	25	Principles and Applications of Electron Paramagnetic Resonance Spectroscopy	Y	Y	Y	15
11	104108055	40	Essentials in Immunolgy	Y	Y	Y	11
12	104108056	40	Eukaryotic Gene Expression - basics and benefits	Y	Y	Y	20
13	104108057	49	Introductory Quantum Chemistry	Y	Y	Y	20
14	104108062	40	Introduction to Organometallic Chemistry	Y	Y	Y	18
15	104106072	25	NOC:Chemistry - I	Y	Y	Y	3.7
16	102105034	28	Bio-Chemistry I	Y	Y	Y	7.2
17	104105076	27	NOC:Biochemistry	Y	Y	Y	2.9
18	104106075	36	NOC:Application of Spectroscopic Methods in Molecular Structure Determination	Y	Y	Y	3.8
19	104106074	27	NOC:Chemistry-II	Y	Y	Y	8.0
20	104108078	40	NOC:Principles and Applications of NMR Spectroscopy	Y	Y	Y	11
21	104106077	34	NOC:Pericyclic Reactions and Organic Photochemistry	Y	Y	Y	7.1
22	104101079	20	NOC:Organo Metallic Chemistry	Y	Y	Y	8.1
23	104104080	40	NOC:Chemical Applications of Symmetry and Group Theory	Y	Y	Y	6.0
24	104106083	40	NOC:Chemistry I:Introduction To Quantum Chemistry and Molecular Spectroscopy	Y	Y	Y	10

25	104104082	45	NOC:Quantum Computing	Y	Y	Y	3.0
26	104104081	40	NOC:Mathematics for Chemistry	Y	Y	Y	2.4
27	104104084	40	NOC:Basics of Fluroscence Spectroscopy	Y	Y	Y	2.1
28	104104085	40	NOC:Laser: Fundamentals and Applications	Y	Y	Y	2.0
29	104101084	60	NOC:Chemical and Biological Thermodynamics: Principles to Applications	Y	Y	Y	55
30	104105084	60	NOC:Analytical Chemistry	Y	Y	Y	16
31	104105086	40	NOC:Stereochemistry	Y	Y	Y	11
32	104104086	55	NOC:Advanced Mathematical Methods for Chemistry	Y	Y	Y	38
33	104101092	20	NOC:Metal Mediated Synthesis - I	Y	Y	Y	19
34	104105088	40	NOC:Introduction to Molecular Thermodynamics	Y	Y	Y	12
35	104101090	60	NOC:Chemistry of Main Group Elements	Y	Y	Y	53
36	104101091	60	NOC:Transition Metal Organometallic Chemistry: Principles to Applications	Y	Y	Y	54
37	104105087	60	NOC:A Study Guide In Organic Retrosynthesis: Problem Solving Approach	Y	Y	Y	16
38	104106089	55	NOC:Introduction to Chemical Thermodynamics and Kinetics	Y	Y	Y	29
39	104101093	60	NOC:Inorganic Chemistry of Life: Principles and Perspectives	Y	Y	Y	42
40	104101094	68	NOC:Symmetry and Group Theory	Y	Y	Y	32
41	104101095	41	NOC:Computational Chemistry and Classical Molecular Dynamics	Y	Y	Y	28
42	104105093	40	NOC:Molecules in Motion	Y	Y	Y	11
43	104106093	62	NOC:Chemical Crystallography	Y	Y	Y	66
44	104106094	44	NOC:Advanced Chemical Thermodynamics and Kinetics	Y	Y	Y	63
45	104106096	56	NOC:Chemistry: Atomic Structure and Chemical Bonding	Y	Y	Y	37
46	104101099	63	NOC:Molecular Spectroscopy: A Physical Chemists Perspective	Y	Y	Y*	43
47	104101100	60	NOC:Advanced Transition Metal Organometallic Chemistry	Y	Y	Y	57
48	104104101	60	NOC:Solid State Chemistry	Y	Y	Y	22
49	104105102	53	NOC:Experimental Biochemistry	Y	Y	Y	24
50	104105103	60	NOC:Industrial Inorganic Chemistry	Y	Y	Y	17
51	104105104	20	NOC:Reactive Intermediates Carbene and Nitrene	Y	Y	Y	5.1
52	104106105	52	NOC:Electrochemical Impedance Spectroscopy	Y	Y	Y	69
53	104106106	69	NOC:Medicinal Chemistry	Y	Y	Y	78
54	104106107	68	NOC:Chemical Principles-II	Y	Y	Y	74
55	104108097	42	NOC:Multidimensional NMR Spectroscopy for Structural Studies of Biomolecules	Y	Y	Y	3.9
56	104108098	61	NOC:Symmetry and Structure in the Solid State	Y	Y	Y	18
57	104106108	8	Organic Chemistry Lab Certification	---	Y	---	18
58	104101115	40	NOC:Mechanisms in Organic Chemistry	Y	Y	Y	33
59	104101116	38	NOC:Metals In Biology	Y	Y	Y	34
60	104101117	60	NOC:NMR spectroscopy for Chemists and Biologists	Y	Y	Y	47
61	104102113	34	NOC:Spectroscopic Techniques for Pharmaceutical and	Y	Y	Y	30

			Biopharmaceutical Industries				
62	104102114	15	NOC:Introductory Non-Linear Dynamics	Y	Y	Y	8.0
63	104103110	30	NOC:Principles Of Organic Synthesis	Y	Y	Y	27
64	104103111	32	NOC:Reagents In Organic Synthesis	Y	Y	Y	19
65	104103112	37	NOC:Thermodynamics: Classical to Statistical	Y	Y	Y	4.8
66	104104109	20	NOC:Bioinorganic Chemistry	Y	Y	Y	12
67	104105120	63	NOC:Organic Chemistry in Biology and Drug Development	Y	Y	Y	27
68	104106119	52	NOC:Introductory Organic Chemistry I	Y	Y	Y	56
69	104108118	43	NOC:Ultrafast Optics and Spectroscopy	Y	Y	Y	6.5
70	104102009	42	Bio-Physical Chemistry	Y	Y	---	46
71	104101121	19	NOC:Basics in Inorganic Chemistry	Y	Y	Y	11
72	104103121	35	NOC:Essentials of Biomolecules: Nucleic Acids and Peptides	Y	Y	Y	18
73	104106122	61	NOC:Fundamentals of Spectroscopy	Y	Y	Y	41
74	104106121	51	NOC:Quantitative Methods in Chemistry	Y	Y	Y	39
75	104101123	60	NOC:Transition Metal Organometallics in Catalysis and Biology	Y	Y	Y	44
76	104101122	67	NOC:Ultrafast Laser Spectroscopy	Y	Y	Y	55
77	104101125	61	NOC:Basic Statistical Mechanics	Y	Y	Y	14
78	104105124	42	NOC:Introduction to Polymer Science	Y	Y	Y	22
79	104108124	65	NOC:One and Two Dimensional NMR Spectroscopy for Chemists	Y	Y	Y	4.5
80	104101124	67	NOC:Quantum Chemistry of Atoms and Molecules	Y	Y	Y	37
81	104101126	38	NOC:Quantum Mechanics and Molecular Spectroscopy	Y	Y	Y	9.0
82	104101127	60	NOC:Essentials of Oxidation, Reduction and C_C Bond Formation. Application in Organic Synthesis	Y	Y	Y	5.1
83	104101128	46	NOC:Chemical Kinetics and Transition State Theory	Y	Y	Y	4.2
84	104105127	40	NOC:Structure, Stereochemistry and Reactivity of Organic Compounds and Intermediates: A Problem Solving Approach	Y	Y	---	7.3
85	104105128	42	NOC:Approximate Methods in Quantum Chemistry	Y	Y	Y	3.4
86	104106127	56	NOC:Symmetry, Stereochemistry and Applications	Y	Y	Y	3.8
87	104106128	64	NOC:Symmetry and Group Theory (2021)	Y	Y	Y	3.5
88	104101130	77	NOC:Concepts of Chemistry for Engineering	Y	Y	Y	9.2
89	104104130	40	NOC:Chemistry and Physics of Surfaces and Interfaces	Y	Y	Y	4.1
90	104105130	60	NOC:Biological Inorganic Chemistry	Y	Y	---	4.7
91	104106131	61	NOC:Introductory Organic Chemistry - II	Y	Y	Y	2.4
92	104108132	56	NOC:Time Dependent Quantum Chemistry	Y	Y	Y	4.3
93	104101133	58	NOC:Classics in Total Synthesis-I	Y	Y	Y	4.7
94	104101134	62	NOC:Circular Dichroism and Mossbauer Spectroscopy for Chemists	Y	Y	Y	3.7
95	104101135	60	NOC:NMR Spectroscopy for Structural Biology	Y	Y	Y	6.8
96	104101136	60	NOC:Transition Metal Chemistry	Y	Y	Y	7.6
97	104105133	40	NOC:Principles and Applications of Enolate Alkylation	Y	Y	Y	3.5

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98	104101137	60	NOC:Nuclear and Radiochemistry	Y	Y	Y	7.4
99	104106137	43	NOC:Elementary Electrochemistry	Y	Y	Y	4.6
100	104106138	26	NOC:Organic Chemistry-I (Tamil)	---	Y	---	2.0
101	104101139	60	NOC:Fundamentals of Statistical Thermodynamics	Y	Y	Y	6.7
102	104105139	60	NOC:Overview and Integration of Cellular Metabolism	Y	Y	Y	6.8
103	104101362	60	NOC:Interpretative Molecular Spectroscopy	Y	Y	---	4.7
104	104101366	75	NOC:Many Body Methods in Quantum Chemistry	---	Y	---	19
105	104104364	40	NOC:Supramolecular Chemistry-I	Y	Y	Y	3.1
106	104105365	60	NOC:Elementary Thermodynamics for All	---	Y	---	4.3
107	104108363	60	NOC:One and Two Dimensional NMR Spectroscopy: Concepts and Spectral Analysis	Y	Y	Y	7.8
108	104105085	40	NOC:Co-ordination Chemistry (Chemistry of Transition Elements)	---	Y	---	19
109	104105462	61	NOC:Molecular Rearrangements and Reactive Intermediates in Organic Synthesis	Y	Y	Y	7.3
110	104101682	20	NOC:Cycloaddition	Y	Y	Y	2.7
111	104106683	60	NOC:Fundamentals and Applications of Supramolecular Chemistry	Y	Y	Y	7.6
112	104101855	42	NOC:Biomolecular Spectroscopy	---	Y	---	8.0
113	104103856	52	NOC:Physical Chemistry for Undergraduates	---	Y	---	4.0
Discipline : Civil Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/civil-engineering.pdf							
1	105101005	38	Soil Dynamics	Y	Y	Y	19
2	105101006	38	Structural Dynamics	Y	Y	Y	19
3	105101010	40	Watershed Management	Y	Y	Y	41
4	105101082	42	Fluid Mechanics	Y	Y	Y	9.6
5	105101084	57	Soil Mechanics	Y	Y	Y	15
6	105101086	40	Structural Analysis II	Y	Y	Y	9.8
7	105101134	43	Geotechnical Earthquake Engineering	Y	Y	Y	37
8	105101143	63	Geosynthetics Engineering: In Theory and Practice	Y	Y	Y	59
9	105102012	41	Concrete Technology	Y	Y	Y	37
10	105102016	30	Seismic Analysis of Structures	Y	Y	Y	27
11	105102088	41	Building Materials and Construction	Y	Y	Y	12
12	105103021	43	Advanced Hydraulics	Y	Y	Y	22
13	105103094	40	Design of Steel Structures	Y	Y	---	9.1
14	105103096	40	Hydraulics	Y	Y	Y	20
15	105104029	44	Advanced Hydrology	Y	Y	Y	21
16	105104030	40	Concrete Engineering and Technology	Y	Y	Y	16
17	105104099	39	Environmental Air Pollution	Y	Y	Y	7.0
18	105104101	40	Surveying	Y	Y	Y	6.8
19	105104103	29	Water Resources Engineering	Y	Y	Y	3.5

20	105104131	40	Geotechnical Measurements and Explorations	Y	Y	Y	11
21	105104135	40	Application of Soil Mechanics	Y	Y	Y	11
22	105105039	40	Advanced Foundation Engineering	Y	Y	Y	12
23	105105043	40	Numerical Methods in Civil Engineering	Y	Y	Y	11
24	105105045	40	Probability Methods in Civil Engineering	Y	Y	Y	19
25	105105105	30	Design of Reinforced Concrete Structures	Y	Y	Y	6.3
26	105105106	40	Engineering Geology	Y	Y	Y	12
27	105105107	41	Introduction to Transportation Engineering	Y	Y	Y	8.2
28	105105108	40	Strength of Materials	Y	Y	Y	12
29	105106050	41	Advanced Structural Analysis	Y	Y	Y	18
30	105106051	40	Finite Element Analysis	Y	Y	Y	27
31	105106052	40	Geosynthetics and Reinforced Soil Structures	Y	Y	Y	17
32	105106053	42	Modern Construction Materials	Y	Y	Y	7.2
33	105106058	40	Urban Transportation Planning	Y	Y	Y	19
34	105106116	39	Mechanics of solids	Y	Y	Y	3.5
35	105106118	40	Pre-stressed Concrete Structures	Y	Y	Y	11
36	105106119	40	Water and Waste Water Engineering	Y	Y	Y	11
37	105107120	40	Foundation Engineering	Y	Y	Y	7.8
38	105107121	40	Modern Surveying Techniques	Y	Y	Y	1.9
39	105107123	40	Transportation Engineering II	Y	Y	Y	8.2
40	105108075	40	Ground Improvement Techniques	Y	Y	Y	11
41	105108079	40	Stochastic Hydrology	Y	Y	Y	19
42	105108080	42	Stochastic Structural Dynamics	Y	Y	Y	19
43	105108130	40	Water Resources Systems : Modeling Techniques and Analysis	Y	Y	Y	20
44	105105042	40	Ground Water Hydrology	Y	Y	Y	9.0
45	105101001	60	Advanced Geotechnical Engineering	Y	Y	Y	53
46	105106145	40	NOC:Sustainable River Basin Management	Y	Y	Y	2.8
47	105106149	57	NOC:Project Planning and Control	Y	Y	Y	6.5
48	105105150	25	NOC:Probability Methods in Civil Engineering	Y	Y	Y	2.8
49	105104147	65	NOC:Geology and Soil Mechanics	Y	Y	Y	4.9
50	105104148	32	NOC:Engineering Graphics	Y	Y	Y	1.6
51	105106151	68	NOC:Structural Dynamics	Y	Y	Y	12
52	105104152	20	NOC:Earth Sciences for Civil Engineering	Y	Y	Y	1.6
53	105108141	40	Finite Element method for vibration and Stability analyses	Y	Y	Y	14
54	105107155	20	NOC:Introduction to Geographic Information Systems	Y	Y	Y	5.3
55	105107156	20	NOC:Principles and Applications of Building Science	Y	Y	Y	6.2
56	105107157	20	NOC:GPS Surveying	Y	Y	Y	6.4
57	105105156	20	NOC:Visual Semiotics for Visual Communication	Y	Y	Y	7.6

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58	105104156	20	NOC:Earth Sciences for Civil Engineering - Part 2	Y	Y	Y	2.1
59	105102159	40	Water Management	Y	Y	Y	27
60	105107158	40	NOC:Digital Land Surveying And Mapping	Y	Y	Y	11
61	105105157	40	NOC:Life Cycle Assessment	Y	Y	Y	11
62	105104157	32	NOC:Hydration, Porosity and Strength of Cementitious Materials	Y	Y	Y	2.4
63	105101160	22	NOC:Geotechnical Engineering Laboratory	Y	Y	Y	11
64	105104160	60	NOC:Mechanics of Solids	Y	Y	Y	4.6
65	105104161	37	NOC:Principles of Construction Management	Y	Y	Y	5.4
66	105104162	40	NOC:Foundation Design	Y	Y	Y	2.6
67	105105160	62	NOC:Integrated Waste Management for a Smart City	Y	Y	Y	16
68	105105161	51	NOC:Computational Hydraulics	Y	Y	Y	13
69	105105162	63	NOC:Design of Steel Structures	Y	Y	Y	18
70	105105165	20	NOC:Reinforced Concrete Road Bridges	Y	Y	Y	5.8
71	105105166	61	NOC:Structural Analysis - I	Y	Y	Y	17
72	105107160	20	NOC:Digital Image Processing of Remote Sensing Data	Y	Y	Y	5.2
73	105102160	42	NOC:Geoenvironmental Engineering (Environmental Geotechnology) Landfills, Slurry Ponds and Contaminated Sites	Y	Y	Y	29
74	105105169	22	NOC:Electronic Waste Management: Issues And Challenges	Y	Y	Y	5.9
75	105107174	20	NOC:Digital Elevation Models and Applications	Y	Y	Y	5.7
76	105104167	21	NOC:Photogeology In Terrain Evaluation	Y	Y	Y	4.7
77	105102175	55	NOC:Energy Efficiency, Acoustics and Daylighting in Building	Y	Y	Y	27
78	105106172	102	NOC:Mechanics of Materials	Y	Y	Y	18
79	105107173	60	NOC:Applied Environmental Microbiology	Y	Y	Y	15
80	105105168	61	NOC:Soil Mechanics, Geotechnical Engineering-I	Y	Y	Y	15
81	105105170	60	NOC:Mineral Resources: Geology, Exploration, Economics and Environment	Y	Y	Y	16
82	105105171	64	NOC:Introduction to Mineral Processing	Y	Y	Y	17
83	105101176	21	NOC:Geosynthetics Testing Laboratory	Y	Y	Y	20
84	105102176	56	NOC:Fire Protection, Services and Maintenance Management of Building	Y	Y	Y	28
85	105103176	36	NOC:Higher Surveying	Y	Y	Y	20
86	105103177	36	NOC:Unsaturated Soil Mechanics	Y	Y	Y	9.3
87	105104177	20	NOC:Photogeology In Terrain Evaluation - Part 2	Y	Y	Y	5.7
88	105104178	38	NOC:Introduction to Accounting and Finance for Civil Engineers	Y	Y	Y	11
89	105105176	60	NOC:Foundation Engineering	Y	Y	Y	18
90	105105177	60	NOC:Theory of Elasticity	Y	Y	Y	17
91	105105178	62	NOC:Wastewater Treatment and Recycling	Y	Y	Y	15
92	105105179	40	NOC:Fluid Inclusion in Mineral Principles, Methodology, Practice and Application	Y	Y	Y	12
93	105105180	42	NOC:Matrix Method of Structural Analysis	Y	Y	Y	9.0
94	105106176	44	NOC:Advanced Concrete Technology	Y	Y	Y	78

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95	105106177	87	NOC:Glass in buildings: Design and Application	Y	Y	Y	64
96	105106178	75	NOC:Glass Processing Technology	Y	Y	Y	50
97	105107176	60	NOC:Environmental Engineering-Chemical Processes	Y	Y	Y	12
98	105103182	41	NOC:Subsurface Exploration: Importance and Techniques Involved	Y	Y	Y	11
99	105104183	43	NOC:Natural Hazards - Part 1	Y	Y	Y*	14
100	105105184	40	NOC:Plastic Waste Management	Y	Y	Y	11
101	105105185	60	NOC:Geotechnical Engineering-II Foundation Engineering	Y	Y	Y	16
102	105105186	43	NOC:Mass, Momentum and Energy Balances in Engineering Analysis	Y	Y	Y	11
103	105106187	29	NOC:Advanced Topics in the Science and Technology of Concrete	Y	Y	Y	39
104	105106188	47	NOC:Infrastructure Planning and Managements	Y	Y	Y	64
105	105107181	63	NOC:Environmental Remediation of Contaminated Sites	Y	Y	Y	16
106	105101196	53	NOC:Environmental Geotechnics	Y	Y	Y	17
107	105102195	47	NOC:Sustainable Materials and Green Buildings	Y	Y	Y	23
108	105102199	12	NOC:Scheduling Techniques in Projects	Y	Y	Y	9.1
109	105103192	37	NOC:Fluid Mechanics	Y*	Y	Y	15
110	105103193	24	NOC:Remote Sensing and GIS	Y	Y	Y	9.8
111	105104189	13	NOC:Structural Dynamics for Civil Engineers - SDOF systems	Y	Y	Y	6.4
112	105104190	38	NOC:Geomorphic Processes: Landforms and Landscapes	Y	Y	Y	13
113	105104191	48	NOC:Structural Geology	Y	Y	Y	38
114	105106197	40	NOC:Design of Masonry Structures	Y	Y	Y	85
115	105107194	20	NOC:Global Navigation Satellite Systems And Applications	Y	Y	Y	4.7
116	105106200	67	NOC:Characterization of Construction Materials	Y	Y	Y	53
117	105104200	57	NOC:Earthquake Geology: A tool for Seismic Hazard Assessment	Y	Y	Y	34
118	105101200	56	NOC:Environmental Geomechanics	Y	Y	Y	25
119	105107200	60	NOC:Geomorphology	Y	Y	Y	13
120	105105202	19	NOC:Geo Spatial Analysis in Urban Planning	Y	Y	Y	5.3
121	105101201	28	NOC:Geotechnical Engineering - 1	Y	Y	Y	47
122	105105203	63	NOC:Hydraulic Engineering	Y	Y	Y	17
123	105106201	20	NOC:Introduction to Civil Engineering Profession	Y	Y	Y	23
124	105106202	35	NOC:Maintenance and Repair of Concrete Structures	Y	Y	Y	26
125	105106203	56	NOC:Mechanical Characterization of Bituminous Materials	Y	Y	Y	40
126	105107201	56	NOC:Remote Sensing Essentials	Y	Y	Y	14
127	105105200	66	NOC:Soil Structure Interaction	Y	Y	Y	28
128	105105201	62	NOC:Water Supply Engineering	Y	Y	Y	20
129	105107204	40	NOC:Earthquake Resistant Design of Foundations	---	Y	---	5.9
130	105108204	64	NOC:Introduction to Engineering Seismology	Y	Y	Y	9.9
131	105105204	60	NOC:Introduction to Multimodal Urban Transportation Systems	Y	Y	Y	17
132	105103205	43	NOC:Municipal Solid Waste Management	Y	Y	Y	9.7

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133	105103204	24	NOC:River Engineering	Y	Y	Y	6.6
134	105101206	67	NOC:Remote Sensing: Principles and Applications	Y	Y	Y	16
135	105102206	27	NOC:Safety in Construction	Y	Y	Y	5.4
136	105103206	22	NOC:Construction Methods and Equipment Management	Y	Y	Y	4.7
137	105103207	57	NOC:Advanced Soil Mechanics	Y	Y	Y	5.7
138	105104206	32	NOC:Development and Applications of Special Concretes	Y	Y	Y	3.9
139	105105207	70	NOC:Advanced Foundation Engineering	Y	Y	Y	7.8
140	105105208	60	NOC:Urban Transport Systems Planning	Y	Y	Y	7.1
141	105106206	51	NOC:Basic Construction Materials	Y	Y	Y	6.4
142	105107206	60	NOC:Geographic Information Systems	Y	Y	Y	13
143	105107207	60	NOC:Water and Waste Water Treatment	Y	Y	Y	8.1
144	105107208	60	NOC:Rock Engineering	Y	Y	Y	7.1
145	105101209	29	NOC:Dynamics of Structures	Y	Y	Y	2.9
146	105103209	36	NOC:Plates and Shells	Y	Y	Y	5.3
147	105103210	38	NOC:Optimization methods for Civil engineering	Y	Y	---	4.1
148	105105209	252	NOC:Structural Reliability	Y	Y	Y	4.2
149	105105210	60	NOC:Ground Improvement	Y	Y	Y	8.2
150	105105211	20	NOC:Remote Sensing of Leaf Area Index and Primary Productivity	Y	Y	Y	2.5
151	105105212	61	NOC:Rock Mechanics and Tunneling	Y	Y	Y	6.3
152	105107209	60	NOC:Finite Element Method and Computational Structural Dynamics	Y	Y	Y	12
153	105107210	60	NOC:Sustainable Transportation Systems	Y	Y	Y	7.1
154	105101213	58	NOC:Microwave Remote Sensing in Hydrology	---	Y	---	11
155	105101214	60	NOC:Groundwater Hydrology and Management	Y	Y	Y	4.8
156	105101215	60	NOC:Rural Water Resources Management	Y	Y	Y	4.4
157	105103213	83	NOC:Engineering Hydrology	Y	Y	Y	8.8
158	105103214	28	NOC:Expansive Soil	Y	Y	Y	2.9
159	105105213	63	NOC:Retrofitting and Rehabilitation of Civil Infrastructure	Y	Y	---	6.5
160	105105214	62	NOC:Surface Water Hydrology	Y	Y	Y	11
161	105105215	66	NOC:Traffic Engineering	Y	Y	Y	11
162	105106213	77	NOC:Introduction to Lean Construction	Y	Y	Y	3.4
163	105107213	60	NOC:Air Pollution and Control	Y	Y	Y	6.8
164	105101216	52	NOC:Geotechnical Engineering-II	Y	Y	Y	12
165	105104216	17	NOC:Introductory Field Structural Geology	Y	Y	Y	4.3
166	105105216	43	NOC:Bridge Engineering	---	Y	---	5.3
167	105105217	60	NOC:Elastic Stability of Structures	---	Y	Y	4.0
168	105105218	35	NOC:Radiogenic Isotope Geology	---	Y	---	2.5
169	105105219	60	NOC:Availability and Management of Groundwater Resources	Y	Y	Y	5.0
170	105106216	23	NOC:Design of Connections in Steel Structures	Y	Y	Y	1.8

171	105107216	60	NOC:Underground Space Technology	Y	Y	Y	6.1
172	105107217	60	NOC:Environmental Modeling and Simulation	---	Y	---	6.4
173	105107218	60	NOC:Advanced Geomatics Engineering	---	Y	---	7.9
174	105107219	60	NOC:Pavement Materials (Under Pavement Engineering)	Y	Y	Y	8.0
175	105107220	62	NOC:Geometric Design of Highways	---	Y	---	5.9
176	105101221	60	NOC:Remote Sensing and GIS for Rural Development	Y	Y	Y	6.4
177	105103221	38	NOC:Vibration of Continuous Systems	---	Y	---	4.5
178	105105221	60	NOC:Soil Dynamics	Y	Y	---	5.2
179	105106221	54	NOC:Analysis and Design of Bituminous Pavements	Y	Y	---	8.1
180	105106222	44	NOC:FEM and Constitutive Modelling in Geomechanics	Y	Y	Y	6.4
181	105106223	65	NOC:The Evolution of the Earth and life	Y	Y	---	5.2
182	105103224	36	NOC:Reliability-Based Structural Design	---	Y	---	3.9
183	105104224	44	NOC:Earth Sciences for Civil Engineering (Hindi)	---	Y	---	4.5
184	105105224	69	NOC:Geotechnical Earthquake Engineering	---	Y	---	7.7
185	105105225	57	NOC:Earthquake Seismology	Y	Y	---	5.0
186	105105226	60	NOC:Engineering Geology	---	Y	---	8.6
187	105106224	67	NOC:Advanced Reinforced Concrete Design	---	Y	---	8.3
188	105106225	76	NOC:Admixtures and Special Concretes	Y	Y	Y	12
189	105107224	60	NOC:Plate Tectonics	Y	Y	Y	9.5
190	105107225	60	NOC:Earthquake Geotechnical Engineering	Y	Y	---	7.3
191	105103346	30	NOC:Applied Seismology for Engineers	Y	Y	Y	8.1
192	105103347	41	NOC:Structural Vibration	---	Y	---	3.6
193	105104348	42	NOC:Construction Management	Y	Y	---	4.2
194	105104349	39	NOC:Laboratory Practices in Earth Sciences: Landscape Mapping	Y	Y	Y	5.5
195	105105350	60	NOC:Industrial Wastewater Treatment	Y	Y	Y	6.0
196	105106351	22	NOC:Advanced Topics in Science and Technology of Concrete	Y	Y	Y	2.4
197	105101474	60	NOC:Stress and Strain Issues in Structural Geology	---	Y	---	25
198	105105464	60	NOC:Geoengineering	---	Y	Y	23
199	105106465	69	NOC:An Introduction to Climate Dynamics, Variability and Monitoring	Y	Y	Y	19
200	105106491	53	NOC:Indoor Air Pollution: Sources, Effects, Monitoring, Control and Modeling	---	Y	Y	6.5
201	105107463	64	NOC:Railway Engineering	---	Y	---	14
202	105107473	62	NOC:Groundwater Engineering	---	Y	---	12
203	105104562	60	NOC:Natural Hazards (Hindi)	---	Y	---	8.3
204	105104565	41	NOC:Environmental Fluid Mechanics	---	Y	---	4.7
205	105105560	61	NOC:Free Surface Flows	Y	Y	Y	5.9
206	105105563	60	NOC:Reservoir Geophysics for Hydrocarbon Exploration	---	Y	Y	18
207	105105566	40	NOC:Mathematical Geophysics	Y	Y	Y	6.8

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208	105105567	60	NOC:Tectonics and Geodynamics	---	Y	---	7.9
209	105106561	68	NOC:Geophysical Exploration Methods	---	Y	Y	15
210	105106564	42	NOC:Stability Aspects of Structural Steel Design: Concepts and Applications	---	Y	---	3.8
211	105101732	60	NOC:Principles of Stratigraphy	---	Y	---	6.5
212	105102688	27	NOC:Structural Dynamics: Theory and Computation	---	Y	---	10
213	105103684	49	NOC:Mechanics of Solids	---	Y	---	3.7
214	105103685	46	NOC:Pavement Construction Technology	Y	Y	Y	13
215	105103687	60	NOC:Blast and Impact Resistant Structures	---	Y	---	6.0
216	105103692	69	NOC:Remote Sensing for Natural Hazard Studies	Y	Y	Y	12
217	105104689	43	NOC:Transportation Network Analysis	---	Y	---	2.5
218	105104693	25	NOC:Stability of Structures	Y	Y	---	26
219	105104708	66	NOC:Earthquake Geology: A Tool for Seismic Hazard Assessment	---	Y	---	12
220	105105690	60	NOC:Advanced Structural Analysis	---	Y	---	6.6
221	105105691	59	NOC:Computational Geomechanics	---	Y	Y	6.9
222	105105709	60	NOC:Geotechniques of Dams, Tunnels and Underground Spaces	---	Y	---	11
223	105105731	38	NOC:Environmental Nanotechnology and Applications	---	Y	---	4.0
224	105106686	79	NOC:Advanced Prestressed Concrete Design	---	Y	---	9.2
225	105106694	80	NOC:Sustainable Groundwater Management	---	Y	---	20
226	105106707	58	NOC:Climate Change - Extreme Events	---	Y	Y	11
227	105107710	60	NOC:Introduction to Sequence Stratigraphy	---	Y	Y	23
228	105106653	34	Construction Economics and Finance	---	Y	---	16
229	105101823	22	NOC:Cross-Section Balancing in Structural Geology	---	Y	---	3.0
230	105103824	43	NOC:Reinforced Concrete Design	---	Y	---	4.5
231	105104825	62	NOC:Nonlinear Structural Analysis: Theory and Applications	---	Y	---	8.5
232	105105826	43	NOC:Fundamentals of Ecosystem Health and Assessment	---	Y	---	8.1
233	105105827	60	NOC:Design of Structural Systems	---	Y	---	9.2
234	105106828	31	NOC:Theory of Plasticity for Engineers: Concepts and Applications	---	Y	Y	7.4
235	105106829	28	NOC:Basics of Climate Modeling	---	Y	Y	4.9
236	105106830	67	NOC:Seismic Design of Building Structures	---	Y	---	12
237	105106831	60	NOC:Climate Hazards and Disaster Mitigation	---	Y	---	13
238	105106832	67	NOC:Smart Cities	---	Y	---	11
239	105107833	20	NOC:Drone Surveying	---	Y	---	4.7
240	105108822	60	NOC:Aquatic Geochemistry	---	Y	---	17
241	105102001	31	NOC:Wave Propagation through Periodic Structures and Metamaterials	---	Y	---	5.1
242	105105001	61	NOC:Statistical and Machine Learning Methods: Basics and Applications	---	Y	---	12
243	105105002	60	NOC:Meshfree Methods and Peridynamics for Fracture Mechanics	---	Y	---	16
244	105105003	60	NOC:Strength and Deformation Characteristics of Soils	---	Y	---	7.5

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245	105105004	51	NOC:Seismological Data Analysis	---	Y	---	9.4
246	105105005	61	NOC:Rock Slope Engineering	---	Y	---	13
247	105106001	70	NOC:The Nuclear Energy Option	---	Y	---	27
248	105106002	54	NOC:Design of Steel-Concrete Composite Structures	---	Y	---	11
249	105106005	40	NOC:Isotope Geochemistry	---	Y	---	4.5
250	105106006	85	NOC:Introduction to Lean Construction - Module II: Advanced Concepts and Tools	---	Y	---	7.0
251	105108001	72	NOC:Advanced Plasticity of Solid Continua	---	Y	---	17
Discipline : Computer Science and Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/computer-science-and-engineering.pdf							
1	106101007	40	Natural Language Processing	Y	Y	Y	31
2	106101060	34	Design and Analysis of Algorithms	Y	Y	Y	8.3
3	106101061	39	Software Engineering	Y	Y	Y	11
4	106102011	40	Computational Geometry	Y	Y	Y	26
5	106102013	39	Logic for CS	Y	Y	Y	31
6	106102062	38	Computer Architecture (Prof. Anshul Kumar)	Y	Y	Y	9.0
7	106102064	36	Data Structures And Algorithms	Y	Y	Y	9.3
8	106102065	35	Introduction to Computer Graphics	Y	Y	Y	7.7
9	106102067	40	Principles of Programming Languages	Y	Y	Y	9.8
10	106102114	34	Parallel Computing	Y	Y	Y	8.8
11	106103116	44	Design Verification and Test of Digital VLSI Circuits	Y	Y	Y	25
12	106104019	35	Computer Algorithms - 2	Y	Y	Y	18
13	106104028	42	Theory of Computation	Y	Y	Y	20
14	106104074	24	Introduction to Problem Solving and Programming	Y	Y	Y	2.5
15	106104118	30	Riemann Hypothesis and its Applications	Y	Y	Y	6.9
16	106104119	26	Biometrics	Y	Y	Y	11
17	106104120	25	Parallel Algorithm	Y	Y	Y	13
18	106104122	36	Computer Architecture (Dr. Mainak Chaudhuri)	Y	Y	Y	15
19	106104123	30	Compiler Design (Prof. Sanjeev K Aggarwal)	Y	Y	Y	12
20	106104128	59	NOC:Introduction to Programming in C	Y	Y	Y	3.1
21	106105031	41	Cryptography and Network Security	Y	Y	Y	19
22	106105033	41	High Performance Computer Architecture	Y	Y	Y	11
23	106105034	40	Low Power VLSI Circuits and Systems	Y	Y	Y	19
24	106105036	40	Real Time Systems	Y	Y	Y	8.1
25	106105077	40	Artificial Intelligence (Prof. S. Sarkar, Prof. Anupam Basu)	Y	Y	Y	8.8
26	106105079	28	Artificial Intelligence (Prof.P. Dasgupta)	Y	Y	Y	7.6
27	106105081	40	Computer Networks	Y	Y	Y	12
28	106105082	41	Data Communication	Y	Y	Y	9.4

29	106105083	35	Electronic Design Automation	Y	Y	Y	7.5
30	106105084	40	Internet Technology	Y	Y	Y	12
31	106105085	32	Programming and Data Structure	Y	Y	Y	4.8
32	106106046	43	Pattern Recognition	Y	Y	Y	19
33	106106048	42	Performance Evaluation of Computer Systems	Y	Y	Y	17
34	106106049	42	Theory of Automata, Formal Languages and Computation	Y	Y	Y	19
35	106106090	43	Computer Graphics	Y	Y	Y	11
36	106106092	33	Computer Organization	Y	Y	Y	7.6
37	106106093	43	Database Design	Y	Y	Y	12
38	106106094	40	Discrete Mathematical Structures	Y	Y	Y	11
39	106106126	48	Artificial Intelligence (Prof. Deepak Khemani)	Y	Y	Y	36
40	106106127	61	NOC:Programming, Data Structures and Algorithms	Y	Y	Y	13
41	106106129	65	NOC:Introduction to Information Security I	Y	Y	Y	8.8
42	106106130	18	NOC:Programming and Data structures (PDS)	Y	Y	Y	3.2
43	106106131	56	NOC:Design and Analysis of Algorithms	Y	Y	Y	2.2
44	106106133	55	NOC:Programming, Data Structures and Algorithms (Aricent)	---	Y	Y	5.2
45	106108051	41	Combinatorics	Y	Y	Y	12
46	106108052	50	Compiler Design (Prof. Y.N. Srikanth)	Y	Y	Y	18
47	106108054	40	Graph Theory	Y	Y	Y	19
48	106108055	41	High Performance Computing	Y	Y	Y	16
49	106108056	41	Numerical Optimization	Y	Y	Y	11
50	106108058	43	Storage Systems	Y	Y	Y	12
51	106108102	40	System Analysis and Design	Y	Y	Y	11
52	106108113	46	Principles of Compiler Design	Y	Y	Y	13
53	106106134	33	NOC:Computer Architecture	Y	Y	Y	3.0
54	106106136	55	NOC:Model Checking	Y	Y	Y	2.2
55	106106137	28	NOC:Introduction to Haskell Programming	---	Y	---	8.0
56	106104135	48	NOC:Fundamentals of Database Systems	Y	Y	Y	3.1
57	106106141	42	NOC:Information Security - II	Y	Y	Y	8.8
58	106106139	86	NOC:Introduction to Machine Learning (Sponsored by Arihant)	Y	Y	Y	28
59	106106140	113	NOC:Artificial Intelligence: Knowledge Representation & Reasoning	Y	Y	Y	6.1
60	106106138	71	Virtual Reality	---	Y	Y	20
61	106106142	48	NOC:Algorithms for Big Data	Y	Y	Y	11
62	106105154	21	NOC:Complex Network : Theory and Application	Y	Y	Y	5.1
63	106105153	52	NOC:Object-Oriented Analysis and Design	Y	Y	Y	12
64	106105152	44	NOC:Introduction to Machine Learning	Y	Y	Y	11
65	106105151	56	NOC:Programming in C++	Y	Y	Y	13
66	106105150	20	NOC:Software Testing	Y	Y	Y	4.7

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67	106104148	40	NOC:Theory of Computation	Y	Y	Y	3.7
68	106107155	20	NOC:Introduction to Cryptology	Y	Y	Y	5.4
69	106104149	18	NOC:Modern Algebra	Y	Y	Y	1.9
70	106106146	34	NOC:Privacy and Security in Online Social Networks	Y	Y	Y	5.5
71	106106145	45	NOC:Programming, Data Structures and Algorithms in Python	Y	Y	Y	2.5
72	106106144	39	NOC:Introduction to Operating Systems	Y	Y	Y	13
73	106106147	39	NOC:Mobile Computing	Y	Y	Y	4.6
74	106106143	64	NOC:Reinforcement Learning	Y	Y	Y	36
75	106106156	37	NOC:Introduction to Modern Application Development	Y	Y	Y	1.4
76	106105157	20	Fundamental Algorithms:Design and Analysis	Y	Y	Y	5.2
77	106106158	42	NOC:AI:Constraint Satisfaction	Y	Y	Y*	31
78	106102157	33	NOC:Computer Architecture	Y	Y	Y	12
79	106106157	60	NOC:Information Security-3	Y	Y	Y	20
80	106105160	40	NOC:Wireless Ad Hoc and Sensor Networks	Y	Y	Y	9.9
81	106105158	65	NOC:Natural Language Processing	Y	Y	Y	16
82	106105161	64	NOC:VLSI Physical Design	Y	Y	Y	17
83	106105159	49	NOC:Embedded Systems Design	Y	Y	Y	8.5
84	106105162	60	NOC:Cryptography and Network Security	Y	Y	Y	15
85	106105163	64	NOC:Computer Architecture and Organization	Y	Y	Y	18
86	106105164	60	NOC:Introduction to Algorithms and Analysis	Y	Y	Y	15
87	106105165	41	NOC:Hardware Modeling using Verilog	Y	Y	Y	11
88	106105166	60	NOC:Introduction to Internet of Things	Y	Y	Y	13
89	106105167	60	NOC:Cloud Computing	Y	Y	Y	12
90	106101163	60	NOC:Software Testing	Y	Y	Y	28
91	106106166	52	NOC:Computer Organization	Y	Y	Y	23
92	106106167	56	NOC:Introduction to Wireless and Cellular Communications	Y	Y	Y	40
93	106102163	84	NOC:Introduction to Parallel Programming in OpenMP	Y	Y	Y	4.8
94	106106168	27	NOC:Distributed Systems	Y	Y	Y	2.6
95	106106169	166	NOC:Social Networks	Y	Y	Y	43
96	106105172	20	NOC:Real Time Operating System	Y	Y	Y	5.0
97	106106176	26	NOC:An Introduction to Probability in Computing	Y	Y	Y	8.5
98	106104170	23	NOC:Advanced Graph Theory	Y	Y	Y	11
99	106105173	40	NOC:Introduction to Soft Computing	Y	Y	Y	10
100	106105174	44	NOC:Data Mining	Y	Y	Y	11
101	106105175	42	NOC:Data Base Management System	Y	Y	Y	13
102	106106177	28	NOC:Introduction to Human Computer Interaction	Y	Y	Y	12
103	106106178	60	NOC:Information Security - IV	Y	Y	Y	43
104	106106179	50	NOC:Data Science for Engineers	Y	Y	Y	15

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105	106103180	39	NOC:Computer Organization and Architecture - A Pedagogical Aspect	Y	Y	Y	9.8
106	106105171	61	NOC:Problem Solving through Programming in C	Y	Y	Y	15
107	106102181	26	NOC:Synthesis of Digital Systems	Y	Y	Y	27
108	106101182	22	NOC:Design and Pedagogy of the Introductory Programming Course	Y	Y	Y	17
109	106103182	37	NOC:Embedded Systems-Design Verification and Test	Y	Y	Y	14
110	106103183	29	NOC:Multi-Core Computer Architecture-Storage and Interconnects	Y	Y	Y	12
111	106104182	21	NOC:Cloud Computing and Distributed Systems	Y	Y	Y	9.0
112	106105182	60	NOC:Software Engineering	Y	Y	Y	15
113	106105183	60	NOC:Computer Networks and Internet Protocol	Y	Y	Y	15
114	106105184	60	NOC:Blockchain Architecture Design and Use Cases	Y	Y	Y	32
115	106105185	60	NOC:Switching Circuits and Logic Design	Y	Y	Y	15
116	106105186	40	NOC:Scalable Data Science	Y	Y	Y	8.0
117	106106182	226	NOC:The Joy of Computing using Python	Y	Y	Y	44
118	106106183	465	NOC:Discrete Mathematics	Y	Y	Y	31
119	106106184	117	NOC:Deep Learning	Y	Y	Y	41
120	106103187	40	NOC:Randomized Algorithms	Y	Y	Y	28
121	106103188	37	NOC:Parallel Algorithms	Y	Y	Y	14
122	106104189	34	NOC:Big Data Computing	Y	Y	Y	14
123	106105190	61	NOC:Compiler Design	Y	Y	Y	16
124	106105191	60	NOC:Programming in Java	Y	Y	Y	17
125	106105192	60	NOC:Discrete Structures	Y	Y	Y	20
126	106105193	42	NOC:Embedded System Design with ARM	Y	Y	Y	9.6
127	106105194	60	NOC:Hardware Security	Y	Y	Y	16
128	106105195	65	NOC:Introduction to Industry 4.0 and Industrial Internet of Things	Y	Y	Y	25
129	106105196	60	NOC:Introduction to Automata, Languages and Computation	Y	Y	Y	15
130	106106197	77	NOC:Foundations to Computer Systems Design	Y	Y	Y*	121
131	106106198	106	NOC:Machine Learning for Engineering and Science Applications	Y	Y	Y	70
132	106106199	59	NOC:Information Security 5 - Secure Systems Engineering	Y	Y	Y	27
133	106106200	56	NOC:Multimodal Interaction	Y	Y	Y	30
134	106106201	37	NOC:Deep Learning - Part 2	Y	Y	Y	18
135	106106202	50	NOC:Machine Learning, ML	Y	Y	Y	21
136	106101208	120	NOC:An Introduction to Programming Through C++	Y	Y	Y	47
137	106101209	100	NOC:Demystifying Networking	Y	Y	Y	7.6
138	106103205	43	NOC:Discrete Mathematics	Y	Y	Y	26
139	106103206	33	NOC:Advanced Computer Architecture	Y	Y	Y	6.7
140	106105214	60	NOC:Operating System Fundamentals	Y	Y	Y	16
141	106105215	60	NOC:Deep Learning (2019)	Y	Y	Y	16
142	106105216	60	NOC:Computer Vision	Y	Y	Y	17

143	106105217	62	NOC:Ethical Hacking	Y	Y	Y	12
144	106105218	60	NOC:Software Project Management	Y	Y	Y	16
145	106105219	40	NOC:Spatial Innformatics	Y	Y	Y	12
146	106106210	22	NOC:C Programming and Assembly Language	Y	Y	Y	33
147	106106211	92	NOC:Applied Natural Language Processing	Y	Y	Y	69
148	106106212	40	NOC:Python for Data Science	Y	Y	Y	50
149	106106213	38	NOC:Practical Machine Learning with Tensorflow	Y	Y	Y	21
150	106102132	40	Operating Systems	Y	Y	Y	5.0
151	106102220	96	NOC:An Introduction to Artificial Intelligence	Y	Y	Y	24
152	106104221	24	NOC:Arithmetic Circuit Complexity	Y	Y	Y	21
153	106107220	60	NOC:Data Analytics with Python	Y	Y	Y	4.4
154	106106221	59	NOC:Foundations of Cryptography	Y	Y	Y	8.3
155	106105220	63	NOC:GPU Architectures and Programming	Y	Y	Y	13
156	106104220	29	NOC:Introduction to Blockchain Technology and Applications	Y	Y	Y	9.5
157	106106220	41	NOC:Introduction to Database Systems	Y	Y	Y	32
158	106106222	37	NOC:Modern Application Development (2020.S1)	Y	Y	Y	20
159	106103220	31	NOC:User-centric Computing for Human-Computer Interaction	Y	Y	Y	22
160	106105223	83	NOC:Google Cloud Computing Foundation Course	Y	Y	---	1.2
161	110101145	60	NOC:Bandit Algorithm (Online Machine Learning)	Y	Y	Y	37
162	106103224	51	NOC:Computer Graphics	Y	Y	Y	9.9
163	106105225	60	NOC:Data Structure and Algorithms using Java	Y	Y	---	32
164	106106224	79	NOC:Deep Learning for Computer Vision	Y	Y	Y	6.1
165	106105224	60	NOC:Object Oriented System Development using UML, Java and Patterns	Y	Y	Y	19
166	106106226	95	NOC:Artificial Intelligence Search Methods For Problem Solving	Y	Y	---	11
167	106104227	41	NOC:Computational Complexity Theory	Y	Y	---	9.5
168	106104228	26	NOC:Randomized Methods in Complexity	Y	Y	Y	5.4
169	106108227	72	NOC:Discrete Mathematics (IIITB)	Y	Y	Y	5.2
170	106102229	33	NOC:Advanced Computer Architecture	Y	Y	Y	3.6
171	106103229	43	NOC:C-Based VLSI Design	Y	Y	Y	5.6
172	106105229	61	NOC:Real-Time Systems	Y	Y	Y	5.5
173	106105230	60	NOC:Algorithms for Protein Modelling and Engineering	Y	Y	---	7.0
174	106106229	63	NOC:Computational Complexity	Y	Y	---	6.2
175	106106230	50	NOC:Parameterized Algorithms	Y	Y	---	5.3
176	106106231	54	NOC:Getting Started with Competitive Programming	Y	Y	Y	1.9
177	106106232	25	NOC:Introduction to Quantum Computing: Quantum Algorithms and Qiskit	---	Y	---	1.8
178	106108229	59	NOC:Secure Computation: Part I	Y	Y	Y	5.1
179	106104233	32	NOC:Probability for Computer Science	Y	Y	---	4.7
180	106101234	55	NOC:Design and Engineering of Computer Systems	Y	Y	Y	5.6

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181	106101235	25	NOC:Software Conceptual Design	Y	Y	Y	0.4
182	106105234	75	NOC:Programming in Modern C++	Y	Y	Y	8.9
183	106105235	60	NOC:Blockchain and its Applications	Y	Y	Y	7.1
184	106106234	18	NOC:Systems and Usable Security	---	Y	---	1.4
185	106106235	25	NOC:Online Privacy	Y	Y	Y	4.0
186	106106236	62	NOC:Introduction to Machine Learning (Tamil)	---	Y	---	3.6
187	106106237	48	Compiler Design	---	Y	---	4.1
188	106101237	62	NOC:Introduction to Game Theory and Mechanism Design	---	Y	---	3.3
189	106101238	20	NOC:Introduction to Computer and Network Performance Analysis using Queuing Systems	---	Y	---	2.3
190	106102237	28	NOC:Advanced Distributed systems	Y	Y	Y	3.5
191	106103237	44	NOC:Design and Implementation of Human-Computer Interfaces	Y	Y	Y	5.8
192	106105237	60	NOC:Algorithmic Game Theory	Y	Y	Y	4.2
193	106105238	40	NOC:Machine Learning for Earth System Sciences	Y	Y	Y	4.3
194	106105239	60	NOC:Statistical Learning for Reliability Analysis	Y	Y	Y	6.7
195	106106238	52	NOC:Applied Accelerated Artificial Intelligence	---	Y	---	6.5
196	106106239	74	NOC:Social Network Analysis	Y	Y	Y	5.5
197	106108237	62	NOC:Secure Computation - Part II	Y	Y	Y	5.1
198	106104241	60	NOC:Circuit Complexity Theory	---	Y	---	11
199	106104242	22	NOC:Foundation of Cloud IoT Edge ML	Y	Y	---	4.9
200	106105241	59	NOC:Foundations of Cyber Physical Systems	Y	Y	Y	6.0
201	106105242	60	NOC:Selected Topics in Algorithms	Y	Y	Y	3.6
202	106106241	59	NOC:Quantum Algorithms and Cryptography	---	Y	---	5.2
203	106106242	69	NOC:Theory of Computation (2023)	Y	Y	Y	12
204	106106243	67	NOC:Advanced Computer Networks	Y	Y	Y	6.8
205	106106244	39	NOC:Affective Computing	Y	Y	---	4.6
206	106106245	36	NOC:Optimisation for Machine Learning: Theory and Implementation (Hindi)	---	Y	---	3.3
207	106106246	82	ACM India - RBCDSAI Summer School on DS/AI/ML	---	Y	---	7.3
208	106105247	40	NOC:Foundations and Applications of Machine Learning (Bengali)	---	Y	---	3.5
209	106106247	55	NOC:Machine Learning (ML) in Hindi	---	Y	---	5.3
210	106106248	42	NOC:Cyber Security and Privacy	Y	Y	Y	4.4
211	106103184	48	NOC:Multi-Core Computer Architecture	---	Y	---	7.4
212	106101360	61	NOC:Games and Information	---	Y	---	7.7
213	106103358	41	NOC:Digital Design with Verilog	---	Y	---	4.5
214	106103359	65	NOC:Parallel Computer Architecture	Y	Y	Y	6.5
215	106104356	49	NOC:Linear Programming and its Applications to Computer Science	Y	Y	Y	8.7
216	106104357	48	NOC:Basics of Computational Complexity	---	Y	---	4.3
217	106104449	16	NOC:Edge Computing	---	Y	---	2.1

218	106106361	46	NOC:Business Intelligence and Analytics	Y	Y	Y	6.7
219	106101466	47	NOC:Distributed Optimization and Machine Learning	Y	Y	Y	4.6
220	106104467	31	NOC:Practical Cyber Security for Cyber Security Practitioners	Y	Y	Y	11
221	106104469	27	NOC:Computational Arithmetic - Geometry for Algebraic Curves	Y	Y	Y	6.4
222	106105470	40	NOC:Artificial Intelligence for Economics	Y	Y	Y	5.3
223	106105471	60	NOC:Approximation Algorithm	Y	Y	Y	7.8
224	106106472	56	NOC:Responsible and Safe AI Systems	---	Y	---	13
225	106108468	37	NOC:Introduction to Graph Algorithms	Y	Y	Y	8.0
226	106108482	62	NOC:Linear Algebra Through Geometry	---	Y	Y	13
227	106101578	60	NOC:Time Series Modelling and Forecasting with Applications in R	Y	Y	Y	8.1
228	106102576	37	NOC:Introduction to Large Language Models (LLMs)	Y	Y	Y	11
229	106104573	35	NOC:Discrete Mathematics for CS	---	Y	Y	7.4
230	106104577	74	NOC:Practical High-Performance Computing	---	Y	Y	6.0
231	106106575	44	NOC:Human Computer Interaction (Hindi and English)	Y	Y	Y	9.9
232	106106579	23	NOC:Large Applications Practicum	---	Y	---	1.6
233	106107574	60	NOC:Fundamentals of Object Oriented Programming	Y	Y	Y	13
234	106108571	47	NOC:Algorithms in Computational Biology and Sequence Analysis	---	Y	Y	11
235	106104697	40	NOC:Data Structures and Algorithms Design	---	Y	Y	5.2
236	106105704	60	NOC:Second Level Algorithms	Y	Y	Y	12
237	106106696	36	NOC:Mobile Virtual Reality and Artificial Intelligence	---	Y	---	2.9
238	106106698	44	NOC:Introduction to Algebraic Graph Theory	---	Y	---	4.6
239	106106699	80	NOC:Foundations of Virtual Reality	---	Y	---	6.7
240	106106701	45	NOC:Human Computer Interaction (In Hindi)	Y	Y	---	11
241	106108700	51	NOC:Stochastic Approximation: Theory and Applications	Y	Y	Y	8.0
242	106108702	70	NOC:Mathematical Foundations for Machine Learning	Y	Y	Y	14
243	106108703	219	NOC:Programming with Generative AI	---	Y	Y	20
244	106108705	58	NOC:Artificial Intelligence: Concepts and Techniques	---	Y	---	7.9
245	106106714	68	Automated Program Verification	---	Y	---	9.9
246	106103842	63	NOC:Foundation for Virtual and Augmented Reality Systems	---	Y	---	9.2
247	106103843	47	NOC:Neural Networks for Computer Vision and Natural Language Processing	---	Y	Y	5.7
248	106104844	60	NOC:Bayesian Data Analysis for the Behavioral Sciences	---	Y	---	6.9
249	106104845	48	NOC:Quantum Computing: Algorithms and Limitations Through the Query Model	---	Y	---	22
250	106104846	57	NOC:Exploratory Data Analysis for Data Science with R Software	---	Y	---	6.4
251	106105847	60	NOC:Algorithmic Graph Theory and Data Structures	---	Y	---	12
252	106105848	60	NOC:Statistical Foundation for Big Data Analysis	---	Y	---	10
253	106106849	40	NOC:Artificial Intelligence (AI) for Management	---	Y	---	9.8
254	106106850	39	NOC:Predictive Modelling with Applications: Supervised and	---	Y	---	4.9

			Unsupervised Learning				
255	106106852	71	NOC:Introduction to Information Retrieval	---	Y	---	11
256	106106853	33	NOC:Data Mining for Decision Making	---	Y	---	2.1
257	106107854	20	NOC:Introduction to Lambda Calculus	---	Y	---	2.5
258	106108840	65	NOC:Foundations of Deep Learning: Concepts and Applications	---	Y	---	15
259	106108841	88	NOC:Mathematical Foundations of Machine Learning	---	Y	---	8.2
260	106106931	47	NOC: Introduction To Haskell Programming (2026)	---	Y	---	11
261	106102001	60	NOC:AI for Earth Observation	---	Y	---	5.6
262	106103001	43	NOC:Generative AI for Computer Vision	---	Y	---	5.7
263	106103002	57	NOC:Formal Methods for System Verification	---	Y	---	9.5
264	106104001	60	NOC:Foundations of Immersive Design for AR/VR	---	Y	---	6.8
265	106104002	57	NOC:Exploratory Data Analysis for Data Science with R Software (Hindi)	---	Y	---	6.6
266	106105001	60	NOC:Privacy Enabling Techniques (PETS)	---	Y	---	18
267	106105002	60	NOC:Theory and Practice of Modern Cryptography	---	Y	---	13
268	106106001	61	NOC:Foundations of Machine Learning	---	Y	---	13
269	106106002	73	NOC:Functional Programming with OCaml	---	Y	---	9.3
270	106106003	71	NOC:Computer Networks	---	Y	---	15
271	106107001	60	NOC:Introduction to Application of Artificial Intelligence to Robotics	---	Y	---	13
272	106107002	60	NOC:Digital Transformation and Technological Innovation	---	Y	---	15
273	106108001	49	NOC:Intermediary Algorithm	---	Y	---	9.9
274	106108002	74	NOC:Fundamentals of Generative AI and Large Language Models: Theory and Practice	---	Y	---	17
275	106108003	60	NOC:Computer System Optimizations for ML	---	Y	---	5.2
276	106108004	44	NOC:Mathematical Foundations of Generative AI	---	Y	---	12
Discipline : Engineering Design Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/engineering-design.pdf							
1	107103004	40	Ergonomics for beginners: Industrial design perspective	Y	Y	Y	17
2	107106009	30	Principles of Engineering System Design	Y	Y	Y	12
3	107106080	32	Vehicle Dynamics	Y	Y	Y	26
4	107103081	38	NOC:System Design for Sustainability	Y	Y	Y	21
5	107103082	15	NOC:Product Design and Innovation	Y	Y	Y	6.8
6	107103083	15	NOC:Interaction Design	Y	Y	Y	7.8
7	107106081	72	NOC:Control Systems	Y	Y	Y	40
8	107103084	12	NOC:Ergonomics In Automotive Design	Y	Y	Y	13
9	107103085	14	NOC:Ergonomics Workplace Analysis	Y	Y	Y	4.6
10	107101086	55	NOC:Innovation by Design	Y	Y	Y	17
11	107101087	42	NOC:Understanding Design	Y	Y	Y	6.0

12	107101088	23	NOC:Design, Technology and Innovation	Y	Y	Y	20
13	107106088	74	NOC:Fundamentals of Automotive Systems	Y	Y	Y	57
14	107105088	64	NOC:Geographic Information System	Y	Y	Y	31
15	107106089	38	NOC:Functional and Conceptual Design	Y	Y	Y	9.7
16	107106090	43	NOC:Introduction to Robotics	Y	Y	Y	5.9
17	107101091	67	NOC:Understanding Ethnography	Y	Y	Y	14
18	107101092	27	NOC:Understanding Incubation and Entrepreneurship	Y	Y	---	4.3
19	107103093	42	NOC:Ergonomics Research Techniques	Y	Y	Y	6.6
20	107104581	32	NOC:Design Practices for Intelligent Product Design	---	Y	Y	3.7
21	107106583	41	NOC:Introduction to Graphic Design	---	Y	Y	7.0
22	107107580	40	NOC:Augmenting Design Thinking with Human-Computer Interaction	---	Y	---	7.9
23	107107582	40	NOC:Interior Design	Y	Y	Y	11
24	107101706	31	NOC:Form and Aesthetics	---	Y	---	5.3
25	107106654	33	Design of Biophotonics Devices	---	Y	---	5.6
26	107106678	2	Frugal Engineering	---	Y	---	1.0
27	107103857	37	NOC:Introduction to Toy Design	---	Y	---	13
28	107106858	54	NOC:Digital Accessibility	---	Y	---	9.8
29	107103001	66	NOC:User Research Methods	---	Y	---	11
Discipline : Electrical Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/electrical-engineering.pdf							
1	108101002	35	Nonlinear Dynamical Systems	Y	Y	Y	29
2	108101004	45	Power System Dynamics and Control	Y	Y	Y	41
3	108101037	47	Control Engineering (Prof. S.D. Agashe)	Y	Y	Y	13
4	108101038	43	Power Electronics	Y	Y	Y	12
5	108102042	51	Circuit Theory	Y	Y	Y	13
6	108102043	41	Control Engineering (Prof. M. Gopal)	Y	Y	Y	9.2
7	108102045	37	Embedded Systems	Y	Y	Y	9.4
8	108102047	35	Power System Generation, Transmission and Distribution	Y	Y	Y	7.2
9	108102080	40	Power System Dynamics	Y	Y	Y	9.8
10	108103007	40	Advanced Control Systems	Y	Y	Y	17
11	108104011	40	Advanced Electric Drives	Y	Y	Y	18
12	108104013	37	High Voltage DC Transmission	Y	Y	Y	16
13	108104049	32	Intelligent Systems and Control	Y	Y	Y	6.1
14	108104052	35	Power Systems Operation and Control	Y	Y	Y	4.8
15	108105017	40	Electrical Machines - I	Y	Y	Y	8.5
16	108105019	60	Optimal Control	Y	Y	Y	12
17	108105054	40	Chaos, Fractals and Dynamic Systems	Y	Y	Y	8.6
18	108105055	35	Digital Signal Processing	Y	Y	Y	7.6

19	108105056	34	Dynamics of Physical Systems	Y	Y	Y	7.4
20	108105058	40	Energy Resources and Technology	Y	Y	Y	8.5
21	108105059	30	Estimation of Signals and Systems	Y	Y	Y	6.1
22	108105060	20	Illumination Engineering	Y	Y	Y	4.1
23	108105062	40	Industrial Automation and Control	Y	Y	Y	12
24	108105064	40	Industrial Instrumentation	Y	Y	Y	12
25	108105065	36	Networks Signals and Systems	Y	Y	Y	11
26	108105067	40	Power System Analysis	Y	Y	Y	12
27	108106023	43	Modelling and Analysis of Electric Machines	---	Y	Y	19
28	108106068	28	Analog ICs	Y	Y	Y	6.1
29	108106069	40	Digital Integrated Circuits	Y	Y	Y	9.2
30	108106073	42	Electromagnetic Fields	Y	Y	Y	11
31	108106075	50	Networks and Systems	Y	Y	Y	12
32	108106083	96	Probability Foundation for Electrical Engineers	Y	Y	Y	36
33	108108031	42	An Introduction to Electronics Systems Packaging	Y	Y	Y	20
34	108108034	40	Power Electronics and Distributed Generation	Y	Y	Y	14
35	108108035	40	Pulse width Modulation for Power Electronic Converters	Y	Y	Y	12
36	108108036	40	Switched Mode Power Conversion	Y	Y	Y	19
37	108108076	39	Basic Electrical Technology	Y	Y	Y	11
38	108108077	37	Industrial Drives - Power Electronics	Y	Y	Y	7.6
39	108106084	131	NOC:Analog Circuits	Y	Y	Y	8.7
40	108106085	29	NOC:Introduction to Non Linear Dynamics	Y	Y	Y	0.5
41	108105088	52	NOC:Industrial Automation and Control	Y	Y	Y	13
42	108104087	85	NOC:Electromagnetic Theory	Y	Y	Y	4.6
43	108101089	28	Fabrication of Silicon VLSI Circuits using the MOS technology	Y	Y	Y	31
44	108101090	83	NOC:Computational Electromagnetics and Applications	Y	Y	Y	29
45	108101092	60	NOC:Antennas	Y	Y	Y	22
46	108101094	41	NOC:Analog Circuits	Y	Y	Y	14
47	108101093	71	NOC:Fundamentals of Wavelets, Filter Banks and Time Frequency Analysis	Y	Y	Y	21
48	108101091	72	NOC:Basic Electronics	Y	Y	Y	3.5
49	108104092	33	NOC:An Introduction to Coding Theory	Y	Y	Y	2.6
50	108102095	51	Analog Electronic Circuits	Y	Y	Y	63
51	108102096	38	Digital Communication	Y	Y	Y	62
52	108102097	40	Introduction To Electronic Circuits	Y	Y	Y	32
53	108105091	20	NOC:Medical Image Analysis	Y	Y	Y	6.0
54	108104091	52	NOC:Principles of Communication - Part I	Y	Y	Y	2.8
55	108107098	40	NOC:Optimal Control	Y	Y	Y	9.7
56	108106098	55	NOC:Control Engineering	Y	Y	Y	23

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57	108104098	56	NOC:Principles of Communication Systems - Part II	Y	Y	Y	3.1
58	108104099	66	NOC:Applied Engineering Electromagnetics	Y	Y	Y	4.3
59	108108098	31	NOC:Design for Internet of Things	Y	Y	Y	13
60	108108099	40	NOC:Advances in UHV Transmission and Distribution	Y	Y	Y	10
61	108103108	24	NOC:Optimization Techniques for Digital VLSI Design	Y	Y	Y	9.5
62	108108110	34	NOC:Electronics Enclosures Thermal Issues	Y	Y	Y	10
63	108106106	73	NOC:Probability Foundations for Electrical Engineers	Y	Y	Y	74
64	108105104	61	NOC:Power System Engineering	Y	Y	Y	16
65	108104100	75	NOC:Principles of Signals and Systems	Y	Y	Y	16
66	108105103	60	NOC:Deep Learning for Visual Computing	Y	Y	Y	13
67	108105101	68	NOC:Biomedical Signal Processing	Y	Y	Y	17
68	108105102	64	NOC:Microprocessors and Microcontrollers	Y	Y	Y	15
69	108108109	79	NOC:Mathematical Methods and Techniques in Signal Processing	Y	Y	Y	19
70	108108111	59	NOC:Integrated Circuits, MOSFETs, Op-Amps and their Applications	Y	Y	Y	20
71	108101112	60	NOC:Microwave Theory and Techniques	Y	Y	Y	49
72	108101113	65	NOC:Principles of Digital Communications	Y	Y	Y	56
73	108102112	40	NOC:Analog Electronic Circuit	Y	Y	Y	34
74	108102113	10	NOC:Nonlinear and Adaptive Control	Y	Y	Y	8.1
75	108103112	24	NOC:Advanced Topics in Probability and Random Processes	Y	Y	Y	4.0
76	108104112	79	NOC:Applied Optimization for Wireless, Machine Learning, Big Data	Y	Y	Y	14
77	108104113	61	NOC:Fiber-Optic Communication Systems and Techniques	Y	Y	Y	13
78	108105112	64	NOC:Fundamentals of Electrical Engineering	Y	Y	Y	19
79	108105113	65	NOC:Digital Circuits	Y	Y	Y	13
80	108105114	40	NOC:Analysis and Design Principles of Microwave Antennas	Y	Y	Y	11
81	108105118	67	NOC:Architectural Design of Digital Integrated Circuits	Y	Y	Y	4.9
82	108107112	60	NOC:Electrical Distribution System Analysis	Y	Y	Y	11
83	108107113	40	NOC:Introduction to Smart Grid	Y	Y	Y	10
84	108107114	40	NOC:Facts Devices	Y	Y	Y	8.1
85	108107115	40	NOC:Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	Y	Y	Y	6.7
86	108108112	55	NOC:Semiconductor Devices and Circuits	Y	Y	Y	5.2
87	108108113	55	NOC:Fabrication Techniques for MEMs-based Sensors: Clinical Perspective	Y	Y	Y	21
88	108108114	48	NOC:Op-Amp Practical Applications:Design,Simulation and Implementation	Y	Y	Y	18
89	108108115	39	NOC:Physical Modelling for Electronics Enclosures using Rapid Prototyping	Y	Y	Y	25
90	108108116	13	NOC:Recent Advances in Transmission Insulators	Y	Y	Y	3.0
91	108102117	39	NOC:Information Theory, Coding and Cryptography	Y	Y	Y	17
92	108101126	98	NOC:Fundamental of Power Electronics	Y	Y	Y	24
93	108102120	38	NOC:Principles of Digital Communications	Y	Y	Y	34
94	108102121	44	NOC:Electric Vehicles - Part 1	Y	Y	Y	8.7

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95	108104130	41	NOC:Electromagnetic Waves in Guided and Wireless Media	Y	Y	Y	14
96	108105131	90	NOC:Electrical Machines-II	Y	Y	Y	24
97	108105132	60	NOC:Digital Electronic Circuits	Y	Y	Y	17
98	108105133	60	NOC:Power System Dynamics, Control and Monitoring	Y	Y	Y	16
99	108105134	40	NOC:Evolution of Air Interface towards 5G	Y	Y	Y	11
100	108106135	48	NOC:Introduction to Photonics	Y	Y	Y	87
101	108106136	69	NOC:Multirate DSP	Y	Y	Y	126
102	108106137	37	NOC:LDPC and Polar Codes in 5G Standard	Y	Y	Y	64
103	108106138	29	NOC:Electromagnetic Compatibility, EMC	Y	Y	Y	37
104	108107127	60	NOC:Computer Aided Power System Analysis	Y	Y	Y	9.3
105	108107128	40	NOC:Advance Power Electronics and Control	Y	Y	Y	6.9
106	108107129	40	NOC:CMOS Digital VLSI Design	Y	Y	Y	9.9
107	108108122	59	NOC:Fundamentals of Semiconductor Devices	Y	Y	Y	6.1
108	108108123	44	NOC:Advanced IOT Applications	Y	Y	Y	16
109	108108124	71	NOC:Electronic Systems for Cancer Diagnosis	Y	Y	Y	17
110	108108125	53	NOC:Electronic Modules for Industrial Applications using Op-Amps	Y	Y	Y	13
111	108108148	66	NOC:Neural Networks for Signal Processing - I	Y	Y	Y	13
112	108102145	24	NOC:Power Electronics	Y	Y	Y	25
113	108102146	41	NOC:Electrical Machines	Y	Y	Y	29
114	108103141	37	NOC:Microwave Engineering	Y	Y	Y	22
115	108104139	60	NOC:Basic Electric Circuits	Y	Y	Y	26
116	108104140	40	NOC:Fundamentals of Electric Drives	Y	Y	Y	14
117	108105153	84	NOC:Electrical Measurement and Electronic Instruments	Y	Y	Y	32
118	108105154	60	NOC:Principles and Techniques of Modern Radar Systems	Y	Y	Y	17
119	108105155	94	NOC:Electrical Machines - I	Y	Y	Y	27
120	108106149	103	NOC:Mapping Signal Processing Algorithms to Architectures	---	Y	Y	64
121	108106150	47	NOC:Linear System Theory	Y	Y	Y	29
122	108106151	82	NOC:Digital Signal Processing	Y	Y	Y	63
123	108106152	117	NOC:Computational Electromagnetics	Y	Y	Y	85
124	108107142	60	NOC:Microelectronics: Devices to Circuits	Y	Y	Y	12
125	108107143	40	NOC:DC Microgrid	Y	Y	Y	11
126	108108147	63	NOC:Sensors and Actuators	Y	Y	Y	35
127	108102119	41	Engineering Electromagnetics	---	Y	---	5.4
128	108106165	23	NOC:A Brief Introduction of Micro-Sensors	Y	Y	Y	22
129	108105158	99	NOC:Analog Electronic Circuits	Y	Y	Y	65
130	108106160	67	NOC:DC Power Transmission Systems	Y	Y	Y	42
131	108106158	80	NOC:Digital IC Design	Y	Y	Y	74
132	108108157	39	NOC:Electronics Equipment Integration and Prototype Building	Y	Y	Y	21

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133	108104157	60	NOC:Fuzzy Sets, Logic and Systems and Applications	Y	Y	Y	18
134	108102157	43	NOC:High Power Multilevel Converters - Analysis, Design and Operational Issues	Y	Y	Y	53
135	108106164	43	NOC:Linear Dynamical Systems	Y	Y	Y	47
136	108103157	34	NOC:Microprocessors and Interfacing	Y	Y	Y	14
137	108105159	82	NOC:Network Analysis	Y	Y	Y	39
138	108106162	51	NOC:Nonlinear System Analysis	Y	Y	Y	19
139	108106161	44	NOC:Optical Engineering	Y	Y	Y	49
140	108106159	103	NOC:Power Management Integrated Circuits	Y	Y	Y	57
141	108107157	40	NOC:Power Quality Improvement Technique	Y	Y	Y	5.2
142	108106163	87	NOC:Signals and Systems	---	Y	---	54
143	108103158	39	NOC:Statistical Signal Processing	Y	Y	Y	16
144	108106157	33	NOC:Transmission Lines and Electromagnetic Waves	Y	Y	Y	35
145	108105157	39	NOC:VLSI Signal Processing	Y	Y	Y	15
146	108102156	34	Special Electromechanical Systems	---	Y	---	6.0
147	108108166	53	NOC:Design and Simulation of Power conversion using open source tools	---	Y	---	4.1
148	108101167	40	NOC:Electrical Equipment and Machines: Finite Element Analysis	Y	Y	Y	9.0
149	108106167	120	NOC:Fiber Optic Communication Technology	---	Y	---	7.2
150	108106168	83	NOC:Image Signal Processing	Y	Y	---	7.2
151	108108168	68	NOC:Information Theory	---	Y	---	4.2
152	108102169	40	NOC:Introduction to Embedded System Design	Y	Y	Y	5.9
153	108108167	65	NOC:Introductory Neuroscience and Neuro-Instrumentation	Y	Y	Y	6.2
154	108104167	34	NOC:Peer to Peer Networks	Y	Y	Y	5.4
155	108105167	52	NOC:Power System Protection	Y	Y	Y	27
156	108107167	40	NOC:Power System Protection and Switchgear	Y	Y	Y	4.6
157	108106170	76	NOC:Fundamentals of Electric Vehicles: Technology and Economics	Y	Y	---	8.3
158	108106171	48	NOC:Applied Linear Algebra	Y	Y	Y	5.9
159	108106172	143	NOC:Basic Electrical Circuits	---	Y	---	3.4
160	108106173	42	NOC:Optical Fiber Sensors	Y	Y	---	5.0
161	108101174	94	NOC:Digital Signal Processing and its Applications	Y	Y	Y	3.6
162	108103174	41	NOC:Computer Vision and Image Processing - Fundamentals and Applications	Y	Y	Y	4.4
163	108104174	70	NOC:Applied Linear Algebra for Signal Processing, Data Analytics and Machine Learning	Y	Y	---	7.2
164	108106174	78	NOC:Introduction to Time - Varying Electrical Networks	Y	Y	Y	9.3
165	108106177	71	NOC:Digital System Design	Y	Y	Y	4.5
166	108108174	51	NOC:Photonic Integrated Circuit	Y	Y	Y	6.1
167	108102179	45	NOC:Power Quality	Y	Y	---	7.0
168	108103179	27	NOC:System Design through VERILOG	Y	Y	Y	2.2

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169	108105179	64	NOC:Signal Processing for mm Wave communication for 5G and beyond	Y	Y	---	5.5
170	108105180	60	NOC:Control and Tuning Methods in Switched Mode Power Converters	Y	Y	Y	8.5
171	108105181	69	NOC:Advanced Microwave Guided-Structures and Analysis	Y	Y	Y	4.5
172	108106179	81	NOC:Stochastic Modeling and the Theory of Queues	Y	Y	---	5.8
173	108106180	40	NOC:Integrated Photonics Devices and Circuits	Y	Y	---	9.6
174	108106181	78	NOC:Introduction to Semiconductor Devices	Y	Y	Y	5.6
175	108108179	52	NOC:Design for Internet of Things	Y	Y	Y	6.9
176	108108180	42	NOC:Mathematical Aspects of Biomedical Electronic System Design	Y	Y	Y	4.1
177	108108181	26	NOC:Concentration Inequalities	Y	Y	Y	2.7
178	108106182	97	NOC:Electric Vehicles and Renewable Energy	---	Y	---	8.5
179	108103183	44	NOC:Usability Engineering	Y	Y	Y	6.0
180	108101185	65	NOC:Stochastic Control and Communication	---	Y	---	5.6
181	108102185	42	NOC:Introduction to Electrical Engineering	---	Y	Y	6.5
182	108103185	85	NOC:Probability and Random Processes	---	Y	---	3.5
183	108105185	60	NOC:Cognition and its Computation	Y	Y	Y	5.9
184	108105186	120	NOC:Digital Control in Switched Mode Power Converters and FPGA-based Prototyping	Y	Y	Y	7.6
185	108105187	41	NOC:VLSI Interconnects	---	Y	---	3.8
186	108106184	65	Phase-locked loops	Y	Y	Y	6.9
187	108106186	64	NOC:Fundamentals of Nano and Quantum Photonics	---	Y	Y	5.2
188	108108185	56	NOC:Real-Time Digital Signal Processing	Y	Y	Y	4.7
189	108105188	63	NOC:Semiconductor Device Modeling and Simulation	Y	Y	---	6.2
190	108105189	75	NOC:RF and Microwave Networks	---	Y	---	4.0
191	108106188	84	NOC:Analog Electronic Circuits (IITM)	Y	Y	Y	6.9
192	108106189	90	NOC:Modern Computer Vision	Y	Y	Y	6.1
193	108106190	46	NOC:Optical Wireless Communications for Beyond 5G Networks and IoT	Y	Y	---	4.0
194	108108188	54	NOC:Advanced Neural Science for Engineers	Y	Y	Y	7.4
195	108102191	36	NOC:Transducers for Instrumentation	Y	Y	Y	7.6
196	108103191	64	NOC:Simulation of Communication Systems using Matlab	---	Y	---	5.1
197	108103192	48	NOC:Machine Learning and Deep Learning - Fundamentals and Applications	Y	Y	Y	4.1
198	108104191	60	NOC:Economic Operations and Control of Power Systems	Y	Y	Y	6.7
199	108104192	38	NOC:Digital Switching	---	Y	---	3.0
200	108104193	65	NOC:Analog VLSI Design	Y	Y	Y	6.2
201	108105191	41	NOC:Introduction to Adaptive Signal Processing	Y	Y	Y	2.7
202	108105192	60	NOC:Nanobiophotonics: Touching Our Daily Life	Y	Y	Y	5.4
203	108106191	54	NOC:VLSI Design Flow: RTL to GDS	Y	Y	Y	6.1
204	108106192	40	NOC:Fundamentals of Wireless Communication (Hindi)	---	Y	---	5.3

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205	108106193	40	NOC:Sensor Technologies: Physics, Fabrication, and Circuits	---	Y	---	4.8
206	108108191	67	NOC:Design of Electric Motors	Y	Y	Y	5.7
207	108101371	85	NOC:Applied Linear Algebra (2024)	---	Y	Y	20
208	108101373	62	NOC:Digital Communication using GNU Radio	Y	Y	Y	6.2
209	108102372	42	NOC:Computer-Aided Design of Electrical Machines	---	Y	---	5.9
210	108103378	44	NOC:Integrated Circuits and Applications	Y	Y	Y	3.2
211	108105375	59	NOC:EMI-EMC and Signal Integrity: Principles, Techniques and Applications	Y	Y	---	5.0
212	108105376	60	NOC:Embedded Sensing, Actuation and Interfacing Systems	---	Y	---	7.2
213	108106370	46	NOC:Advanced topics in Wireless Communication (Hindi)	---	Y	---	4.6
214	108106374	39	NOC:State Space Approach to Control System Analysis and Design	---	Y	---	3.9
215	108107379	61	NOC:RF Transceiver of Design	---	Y	---	5.7
216	108107380	60	NOC:VLSI Physical Design with Timing Analysis	Y	Y	Y	4.8
217	108108377	61	NOC:Basics of Semiconductor Microwave Devices	---	Y	---	4.7
218	108102481	36	NOC:Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software	---	Y	Y	15
219	108103487	38	NOC:Photonic Crystals: Fundamentals and Applications	Y	Y	Y	7.5
220	108105479	43	NOC:A Basic Course on Electric and Magnetic Circuits	---	Y	---	7.1
221	108106478	82	NOC:Optimization Theory and Algorithms	Y	Y	Y	14
222	108106480	36	NOC:Power Electronics with Wide Band Gap Devices	Y	Y	Y	7.6
223	108107477	60	NOC:Modeling, Analysis and Estimation of Three Phase Unbalanced Power Network	---	Y	---	8.6
224	108101585	74	NOC:Network Security	Y	Y	Y	5.6
225	108101587	40	NOC:Behavioural Theory of Systems with a View Toward Data Driven Control	---	Y	---	4.1
226	108102584	37	NOC:Advance Power Electronics	---	Y	---	7.3
227	108105572	72	NOC:Deep Learning for Natural Language Processing	---	Y	Y	11
228	108106588	18	NOC:Enabling Technologies for 6G Communications Networks	---	Y	---	4.4
229	108107586	60	NOC:Semiconductor Devices for Next Generation Field Effect Transistors (More than Moore): A Physics Perspective	---	Y	Y	9.6
230	108107589	20	NOC:Intelligent Control of Robotic Systems	Y	Y	Y	3.2
231	108102717	32	NOC:Line Commutated and PWM Rectifiers	---	Y	Y	7.0
232	108104719	56	NOC:Introduction to Multi-Agent Systems	---	Y	Y	4.0
233	108104720	60	NOC:Power Network Analysis	Y	Y	Y	6.5
234	108105713	60	NOC:Modeling and TCAD Simulation of Solar PV Cell	---	Y	---	16
235	108105718	60	NOC:Convex Optimization in Control	---	Y	Y	6.6
236	108105721	61	NOC:Passive Microwave Circuits, Devices, and Measurements	---	Y	---	7.6
237	108106722	60	NOC:Sliding Mode Control and Applications	Y	Y	Y	17
238	108107715	60	NOC:Charging Infrastructure	Y	Y	---	8.9
239	108107716	60	NOC:Advanced Distribution System Analysis and Operation	---	Y	Y	12

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240	108103862	60	NOC:Measurement and Instrumentation	---	Y	---	8.0
241	108103863	66	NOC:Control Engineering for Robotics	---	Y	---	8.0
242	108103864	69	NOC:Analog and Digital Communications-I	---	Y	---	6.5
243	108104865	38	NOC:Basic Overview of Semiconductor Device Processing and IC Fabrication	---	Y	---	12
244	108104866	42	NOC:Peer to Peer Networks in Hindi	---	Y	---	4.5
245	108105867	60	NOC:The MOS Transistor Modeling	---	Y	---	9.3
246	108106868	60	NOC:Memory Device Technology for AI/ML Computing	---	Y	Y	13
247	108106869	76	NOC:IC Design for Wireless Systems	---	Y	---	9.3
248	108107870	67	NOC:FPGA Based Signal Processing Systems	---	Y	Y	15
249	108101006	76	NOC:Optimal Control Systems	---	Y	---	33
250	108102001	26	NOC:Network Theory	---	Y	---	8.1
251	108103001	57	NOC:Analog and Digital communications II (Hinglish)	---	Y	---	6.0
252	108103002	68	NOC:Modern Display Technologies: Flat Panel Displays	---	Y	---	9.1
253	108104001	60	NOC:Simulation of Modern Power Systems	---	Y	---	6.2
254	108104002	49	NOC:Software-Defined Radio (SDR) Hands-on for Communication Systems Design	---	Y	---	4.7
255	108106001	61	NOC:Semiconductor Devices to Sensors: Principles, Design, and Application	---	Y	---	7.5
256	108106002	76	NOC:Matrix Theory and Applications	---	Y	---	14
257	108106003	22	NOC:Grid-Connected Power Converters - Operating Principles	---	Y	---	4.8
258	108107001	66	NOC:Two-Dimensional Signal Processing: Principles and Practices	---	Y	---	12
259	108107002	60	NOC:Electric Vehicle: Its Components, Charging Infrastructure and Grid Integration Solution	---	Y	---	9.7
260	108108001	48	NOC:AI driven Perception, Learning and Mapping for Drones	---	Y	---	12
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Video Lecture Topics @ http://www.digimat.in/downloads/topics/humanities-and-social-sciences.pdf							
1	109101004	42	Contemporary Issues in Philosophy of Mind and Cognition	Y	Y	Y	30
2	109101017	41	Understanding Creativity and Creative Writing	Y	Y	Y	28
3	109103019	40	Cultural Studies	Y	Y	Y	22
4	109103020	38	English Language and Literature	Y	Y	Y	18
5	109103021	40	Game Theory and Economics	Y	Y	Y	22
6	109104031	40	Communication Skills	Y	Y	Y	12
7	109104035	43	International Economics	Y	Y	Y	9.9
8	109104040	44	Introduction to Logic	Y	Y	Y	18
9	109104045	40	Population and Society	Y	Y	Y	8.6
10	109104073	22	Macro Economics	Y	Y	Y	7.7
11	109104074	41	Introduction to Sociology	Y	Y	Y	9.8
12	109104076	40	Money and Banking	Y	Y	Y	7.6

13	109104081	40	Human Adjustment Processes	Y	Y	Y	8.4
14	109104082	35	Selected Topics in Psychology	Y	Y	Y	9.2
15	109104088	48	NOC:Elements of Visual Representation	Y	Y	Y	5.8
16	109106052	40	Aspects of Western Philosophy	Y	Y	Y	31
17	109106053	40	Contemporary Literature	Y	Y	Y	11
18	109106058	36	History of Economic Theory	Y	Y	Y	15
19	109106059	42	Indian Philosophy	Y	Y	Y	14
20	109106067	38	Better Spoken English	Y	Y	Y	15
21	109106079	40	Introduction to Film Studies	Y	Y	Y	16
22	109106080	41	Introduction to Modern Linguistics	Y	Y	Y	30
23	109106083	41	Principles and Parameters in Natural Language	Y	Y	Y	32
24	109106084	41	NOC:Literary Criticism and Literary Theory	Y	Y	Y	9.1
25	109106085	40	NOC:Language and Mind	Y	Y	Y	5.9
26	109106086	43	NOC:Film Appreciation	Y	Y	Y	11
27	109106087	74	NOC:Appreciating Carnatic Music	Y	Y	Y	16
28	109106089	38	NOC:Infrastructure Economics	Y	Y	Y	5.5
29	109104090	40	NOC:Practical English: Learning and Teaching	Y	Y	Y	11
30	109106091	20	NOC:Language and Society	Y	Y	Y	3.6
31	109104093	24	NOC:Brief introduction to Psychology	Y	Y	Y	5.0
32	109106092	20	NOC:Issues in Bioethics	Y	Y	Y	5.6
33	109106094	38	NOC:Technical English for Engineers	Y	Y	Y	19
34	109106095	22	NOC:Health Research Fundamentals	Y	Y	Y	7.3
35	109104032	39	Ethics	Y	Y	Y	12
36	109105098	20	NOC:Legal Compliance for Incorporating Startup	Y	Y	Y	4.9
37	109105097	20	NOC:Technology Transfer through Joint Venture	Y	Y	Y	5.0
38	109104096	20	NOC:Psychiatry:An overview	Y	Y	Y	1.4
39	109105111	40	NOC:Symbolic Logic	Y	Y	Y	8.9
40	109105110	40	NOC:Soft Skill Development	Y	Y	Y	9.4
41	109105113	39	NOC:Globalization and Culture	Y	Y	Y	11
42	109104107	48	NOC:Developing Soft Skills and Personality	Y	Y	Y	5.1
43	109104106	44	NOC:Folk and Minor Art in India	Y	Y	Y	3.4
44	109104105	43	NOC:Introduction to Psychology	Y	Y	Y	2.7
45	109104108	20	NOC:How the Brain Creates Mind	Y	Y	Y	1.8
46	109104102	20	NOC:Introduction to Indian Art - An appreciation	Y	Y	Y	1.6
47	109104109	20	NOC:Understanding Design Thinking and People Centered Design	Y	Y	Y	1.5
48	109104104	20	NOC:Probability and Stochastic for Finance II	Y	Y	Y	1.8
49	109104103	25	NOC:Basic Concepts of Modal Logic	Y	Y	Y	2.1
50	109106099	45	NOC:American Literature and Culture	Y	Y	Y	30

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51	109103101	24	NOC:Digital Human Modeling and Simulation for Virtual Ergonomics Evaluation	Y	Y	Y	34
52	109106114	32	NOC:Applied Linguistics	Y	Y	Y	24
53	109106100	20	NOC:Economics of IPR	Y	Y	Y	8.0
54	109105112	40	NOC:Introduction on Intellectual Property to Engineers and Technologists	Y	Y	Y	11
55	109107115	15	NOC:Time value of money-Concepts and Calculations	Y	Y	Y	3.5
56	109107119	20	NOC:Depreciation, Alternate Investment and Profitability Analysis	Y	Y	Y	5.4
57	109104116	20	NOC:Postcolonial Literature	Y	Y	Y	1.5
58	109105116	40	NOC:Emotional Intelligence	Y	Y	Y	11
59	109104117	20	NOC:Introducing Modern Western Art: Movements and Artists	Y	Y	Y	1.7
60	109104115	40	NOC:Enhancing Soft Skills and Personality	Y	Y	Y	3.5
61	109105118	20	NOC:Great Experiments in Psychology	Y	Y	Y	5.5
62	109106117	20	NOC:Ethics	Y	Y	Y	12
63	109105115	46	NOC:Qualitative Research Methods	Y	Y	Y	9.5
64	109106120	17	NOC:The Renaissance and Shakespeare	Y	Y	Y	1.7
65	109106116	60	NOC:English Language for Competitive Exams	Y	Y	Y	27
66	109105117	39	NOC:Speaking Effectively	Y	Y	Y	8.7
67	109107121	60	NOC:Soft Skills	Y	Y	Y	19
68	109106122	33	NOC:Literature for Competitive Exams	Y	Y	Y	18
69	109104121	20	NOC:Cognition, Transformation and Lives	Y	Y	Y	1.5
70	109104122	20	NOC:Visual Perception and Art: A Survey Across the Cultures	Y	Y	Y	1.7
71	109104123	39	NOC:Introduction to Basic Cognitive Processes	Y	Y	Y	3.0
72	109104124	40	NOC:Calculus of One Real Variable	Y	Y	Y	2.5
73	109103121	36	NOC:Science, Technology and Society	Y	Y	Y	15
74	109103122	21	NOC:Gender and Literature	Y	Y	Y	14
75	109103123	31	NOC:Ecology and Society	Y	Y	Y	13
76	109106124	68	NOC:History of English Language and Literature	Y	Y	Y	24
77	109105121	60	NOC:Human Resource Development	Y	Y	Y	16
78	109105122	58	NOC:Educational Leadership	Y	Y	Y	14
79	109107131	20	NOC:Sociology of Science	Y	Y	Y	6.0
80	109107132	20	NOC:Perspectives on Neurolinguistic	Y	Y	Y	5.3
81	109106128	53	NOC:Patent Drafting for Beginners	Y	Y	Y	8.2
82	109106129	41	NOC:Business English Communication	Y	Y	Y	6.9
83	109105127	40	NOC:Strategic Performance Management	Y	Y	Y	12
84	109106130	40	NOC:Postmodernism in Literature	Y	Y	Y	33
85	109104126	40	NOC:Introduction to Advanced Cognitive Processes	Y	Y	Y	11
86	109104125	141	NOC:An Introduction to Microeconomics	Y	Y	Y	15
87	109103133	30	NOC:Sociological Perspectives on Modernity	Y	Y	Y	13

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88	109103134	30	NOC:Introduction to Cognitive Psychology	Y	Y	Y	9.4
89	109103135	30	NOC:Introduction to Modern Indian Political Thought	Y	Y	Y	23
90	109103136	20	NOC:Consumer Psychology	Y	Y	Y	19
91	109104135	35	NOC:Introduction to Literary Theory	Y	Y	Y	10
92	109104136	20	NOC:Development of Sociology in India	Y	Y	Y	5.0
93	109105135	20	NOC:Introduction to Basic Spoken Sanskrit	---	Y	---	6.7
94	109105136	20	NOC:Water, Society and Sustainability	Y	Y	Y	6.5
95	109106135	47	NOC:Indian Fiction in English	Y	Y	Y	60
96	109106136	58	NOC:Introduction to Cultural Studies	Y	Y	Y	45
97	109106137	78	NOC:Intellectual Property	Y	Y	Y	15
98	109106138	54	NOC:Short Fiction in Indian Literature	Y	Y	Y	54
99	109103140	27	NOC:Introduction to Modern Indian Drama	Y	Y	Y	10
100	109103141	30	NOC:Introduction to Political Theory	Y	Y	Y	26
101	109103142	21	NOC:Human Behaviour	Y	Y	Y	21
102	109104143	38	NOC:Introduction to the Pyschology of Language	Y	Y	Y	19
103	109105144	40	NOC:Employment Communication A Lab based course	Y	Y	Y	15
104	109106145	57	NOC:The Nineteenth-Century English Novel	Y	Y	Y	94
105	109106146	51	NOC:Feminist Writings	Y	Y	Y	80
106	109106147	50	NOC:Introduction to World Literature	Y	Y	Y	77
107	109106148	44	NOC:Managing Intellectual Property in Universities	Y	Y	Y	3.7
108	109106149	40	NOC:English Literature of the Romantic Period, 1798-1832	Y	Y	Y	27
109	109107139	60	NOC:Literature, Culture and Media	Y	Y	Y	12
110	109106170	80	Introduction to Film Studies (2019)	---	Y	---	85
111	109102156	38	NOC:Text, Texuality and Digital Media	Y	Y	Y	30
112	109102157	23	NOC:Positive Psychology	Y	Y	Y	12
113	109103152	20	NOC:The Psychology of Language	Y	Y	Y	8.9
114	109103153	25	NOC:Development Research Methods	Y	Y	Y	10
115	109104150	20	NOC:Population Studies	Y	Y	Y	9.1
116	109104151	15	NOC:Psychology of Everyday	Y	Y	Y	14
117	109105169	45	NOC:Intermediate Level of Spoken Sanskrit	Y	Y	Y	12
118	109106159	65	NOC:Appreciating Linguistics: A Typological Approach	Y	Y	Y	121
119	109106160	15	NOC:Inclusion and Technology Design	Y	Y	Y	39
120	109106161	28	NOC:Energy Economics and Policy	Y	Y	Y	25
121	109106163	19	NOC:The Victorian Gothic Short Story	Y	Y	Y	38
122	109106165	51	NOC:German-II	Y	Y	Y	74
123	109106166	46	NOC:German-I	Y	Y	Y	80
124	109106168	33	NOC:Disability Studies: An Introduction	Y	Y	Y	50
125	109107154	20	NOC:Body language: Key to professional Success	Y	Y	Y	4.0

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126	109107155	40	NOC:Interpersonal Skills	Y	Y	Y	8.9
127	109108158	23	NOC:Artistic Exploration in Scientific Research and Technology	Y	Y	Y	4.7
128	109107172	40	NOC:Effective Writing	Y	Y	Y	19
129	109101171	56	NOC:Energy Resources, Economics and Environment	Y	Y	Y	43
130	109106175	35	NOC:Feminism: Concepts and Theories	Y	Y	Y	38
131	109103171	22	NOC:Indian Business History	Y	Y	Y	11
132	109104171	40	NOC:Introduction to Brain and Behaviour	Y	Y	Y	15
133	109107171	60	NOC:Introduction to Environmental Economics	Y	Y	Y	9.7
134	109106174	46	NOC:Introduction to Political Ideologies: Contexts, Ideas and Practices	Y	Y	Y	38
135	109106171	53	NOC:Literary Criticism (From Plato to Leavis)	Y	Y	Y	34
136	109106173	44	NOC:Modern Indian Writing in Translation	Y	Y	Y	27
137	109107173	60	NOC:Strategic Trade and Protectionism - Theories and Empirics	Y	Y	Y	9.8
138	109106172	61	NOC:Twentieth Century Fiction	Y	Y	Y	62
139	109106180	60	NOC:Classical Sociological Theory	Y	Y	Y	7.1
140	109105176	40	NOC:Entrepreneurship and IP strategy	Y	Y	Y	29
141	109103176	30	NOC:Introduction to Western Political Thought	Y	Y	Y	15
142	109104176	20	NOC:Modern Indian Art From the Colonial Period to the Present	Y	Y	Y	1.8
143	109106176	76	NOC:Poetry	Y	Y	Y	16
144	109106177	62	NOC:The Popular Gothic Novel	Y	Y	Y	4.9
145	109104181	45	NOC:Introduction to Japanese Language and Culture	---	Y	---	7.5
146	109103182	34	NOC:Psychology of Stress, Health and Well-being	Y	Y	Y	7.9
147	109103183	27	NOC:Phonetics and Phonology: A Broad Overview	Y	Y	Y	2.9
148	109103184	23	NOC:Philosophical Foundations of Social Research	Y	Y	Y	6.5
149	109104182	42	NOC:Applied Statistics and Econometrics	Y	Y	---	6.9
150	109104183	40	NOC:Literature and Coping Skills	Y	Y	Y	12
151	109104184	40	NOC:Indian Economy: Some Contemporary Perspectives	Y	Y	Y	3.7
152	109106182	41	NOC:Basics of Language Science	Y	Y	Y	14
153	109106183	60	NOC:Globalization: Theoretical Perspectives	Y	Y	Y	8.2
154	109106184	10	NOC:Towards an Ethical Digital Society: From Theory to Practice	Y	Y	Y	3.5
155	109107182	40	NOC:Handling Large Scale Unit Level Data Using STATA	Y	Y	Y	7.5
156	109103185	30	NOC:Sociology of Development	---	Y	---	8.0
157	109103186	31	NOC:Environment and Development	---	Y	---	8.2
158	109103187	43	NOC:Introduction to Market Structures	Y	Y	Y	4.4
159	109103188	34	NOC:Mathematics for Economics - I	Y	Y	Y	3.8
160	109105185	40	NOC:Urbanization and Environment	Y	Y	Y	5.1
161	109106185	43	NOC:Literary and Cultural Disability Studies: An Exploration	Y	Y	Y	12
162	109106186	65	NOC:Trauma and Literature	Y	Y	Y	10
163	109106187	57	NOC:Twentieth Century American Drama	Y	Y	Y	8.1

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164	109106188	68	NOC:Fundamental Concepts in Sociolinguistics	Y	Y	Y	9.5
165	109101189	60	NOC:Introduction to Paninian Grammar	Y	Y	---	7.7
166	109103189	20	NOC:Language, Culture and Cognition: An Introduction	Y	Y	Y	4.4
167	109105189	27	NOC:Advanced Level of Spoken Sanskrit	---	Y	---	4.5
168	109105190	61	NOC:Education for Sustainable Development	Y	Y	Y	7.2
169	109105191	60	NOC:Elements of Literature and Creative Communication	Y	Y	Y	6.7
170	109105192	65	NOC:Training and Development	Y	Y	Y	8.3
171	109106189	50	NOC:Literature and Life	---	Y	---	9.8
172	109106190	69	NOC:German - III	---	Y	---	8.2
173	109106191	53	NOC:Appreciating Hindustani Music	Y	Y	Y	13
174	109107189	40	NOC:Indian Poetry in English	Y	Y	Y	9.4
175	109107190	40	NOC:Exploring Survey Data on Health Care	Y	Y	Y	5.1
176	109107191	60	NOC:Contextualizing Gender	Y	Y	Y	11
177	109104194	52	NOC:Japani Bhasha - Saral Swaroop	---	Y	---	6.3
178	109101195	60	NOC:Sandhi in Paninian Grammar	---	Y	---	6.7
179	109104195	42	NOC:Introduction to Japanese Language and Culture-II	Y	Y	Y	4.5
180	109104196	60	NOC:Indian Art: Materials, Techniques and Artistic Practices	Y	Y	Y	6.4
181	109104197	20	NOC:प्रमुख हिंदी कहानियां और भारतीय समाज	---	Y	---	3.8
182	109105195	20	NOC:Sociology and Resource Management	Y	Y	Y	2.1
183	109105196	20	NOC:Urban Sociology	Y	Y	Y	1.8
184	109105197	60	NOC:Management of Fixed Income Securities	Y	Y	Y	6.9
185	109106195	61	NOC:An Introduction to Indian Literary Theory	Y	Y	Y	7.6
186	109107195	60	NOC:Public Speaking	Y	Y	Y	15
187	109107196	62	NOC:Partition of India in Print Media and Cinema	Y	Y	Y	14
188	109101198	60	NOC:समास Samāsa in Pāṇinian Grammar-I	Y	Y	Y	6.2
189	109103198	20	NOC:Bilingualism: A Cognitive and Psycholinguistic Perspective	Y	Y	Y	4.2
190	109104198	53	NOC:Computer Aided Decision Systems - Industrial Practices using Big Analytics	Y	Y	Y	4.9
191	109105198	60	NOC:Petroleum Economics and Management	Y	Y	Y	5.0
192	109105199	40	NOC:The Science of Happiness and Wellbeing	Y	Y	Y	3.5
193	109106198	80	NOC:Host-Pathogen Interaction (Immunology)	Y	Y	Y	7.6
194	109106199	29	NOC:Indian Feminisms: Concepts and Issues	Y	Y	Y	4.6
195	109106200	68	NOC:United Nations Sustainable Development Goals	Y	Y	---	6.8
196	109106201	47	NOC:Learning English in Hindi	---	Y	---	6.7
197	109107198	61	NOC:Narrative Mode and Fiction	Y	Y	Y	14
198	109107199	36	NOC:Group Dynamics	Y	Y	Y	7.7
199	109101203	60	NOC:समास Samāsa in Pāṇinian Grammar - II	Y	Y	Y	6.4
200	109104203	20	NOC:Introductory Rural Sociology: Continuity and Change	---	Y	Y	6.9
201	109104204	40	NOC:Threads of Visual Exploration: Textiles and Allied Practices	Y	Y	---	4.3

202	109104206	23	NOC:Moral Thinking: An Introduction to Values and Ethics	Y	Y	Y	3.8
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206	109106203	44	NOC:Social History of Medicine in Colonial India	Y	Y	Y	6.2
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208	109107203	20	NOC:Countering Stage Fright	Y	Y	Y	3.7
209	109107204	55	NOC:Advance Course in Social Psychology	Y	Y	Y	7.2
210	109107205	63	NOC:Performative Gender and Religions in South Asia	Y	Y	Y	9.2
211	109102392	40	NOC:Science Communication: Research Productivity and Data Analytics using Open Source Software	Y	Y	Y	8.0
212	109103395	31	NOC:Psychology of Emotion: Theory and Applications	Y	Y	Y	9.9
213	109104398	39	NOC:Psychology Of Bilingualism and Multilingualism	Y	Y	Y	4.7
214	109104400	10	NOC:Sociology and Sanitation: An Introduction	Y	Y	Y	2.6
215	109105396	58	NOC:Philosophy and Critical Thinking	Y	Y	Y	5.6
216	109106401	44	NOC:Human Movement Science	Y	Y	Y	4.7
217	109106402	40	NOC:Sports and Performance Nutrition	Y	Y	Y	6.2
218	109106403	41	NOC:Sports Psychology	Y	Y	---	9.1
219	109106404	59	NOC:Strength and Conditioning for the Indian Population	---	Y	Y	15
220	109106405	39	NOC:Essentials of Sports Injury Prevention and Rehabilitation	Y	Y	Y	2.4
221	109106406	40	NOC:Introduction to Exercise Physiology and Sports Performance	Y	Y	Y	3.5
222	109106407	40	NOC:Fundamentals of Sports Training, Load Management and Recovery	---	Y	---	1.7
223	109106408	124	NOC:Forensic Linguistics	---	---	---	19
224	109107394	60	NOC:Online Communication in the Digital Age	Y	Y	Y	11
225	109107397	42	NOC:Energy Resources, Economics and Sustainability	Y	Y	Y	4.6
226	109107399	20	NOC:Cognitive Ergonomics	---	Y	Y	2.6
227	109103501	33	NOC:Economics of Health and Education	---	Y	Y	11
228	109103540	21	NOC:Engineering Psychology	Y	Y	Y	11
229	109104496	18	NOC:Business Japanese and Business Manner	---	Y	---	3.4
230	109104497	16	NOC:Threads of Visual Exploration: Textiles and Allied Practices - Part II	---	Y	---	11
231	109105493	40	NOC:Sustainable Happiness	Y	Y	Y	11
232	109105494	60	NOC:Logistics and Supply Chain Management	Y	Y	Y	12
233	109105495	40	NOC:Tools and Technologies of Language Documentation	Y	Y	Y	5.3
234	109106499	41	NOC:Korean - I	Y	Y	---	20
235	109106500	20	NOC:Performance Traditions of the Mahabharata in Tamilnadu	Y	Y	Y	84
236	109106503	44	NOC:Posthumanism: An Introduction	Y	Y	---	5.5
237	109106505	40	NOC:Indian Popular Culture	Y	Y	---	7.3

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238	109107498	40	NOC:The English Novel: Interdisciplinary Approaches	Y	Y	Y	8.9
239	109107541	40	NOC:Memory	Y	Y	---	9.7
240	109103598	31	NOC:Psychology of Personality and Individual Differences: Theory and Applications	Y	Y	Y	15
241	109104604	18	NOC:Introduction to Economic Growth - I	Y	Y	Y	3.8
242	109104607	40	NOC:Social Behavior and the Brain: An Introduction to Social Neuroscience	Y	Y	Y	11
243	109105595	60	NOC:Educational Technology and ICT	Y	Y	Y	8.8
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245	109105597	74	NOC:Level-O Certificate Course in Cricket Coaching	Y	Y	---	31
246	109105605	40	NOC:Mastering Speaking and Presentations: A Case Based Approach	---	Y	Y	8.5
247	109105606	40	NOC:Modernisation and Creative Communication	---	Y	Y	9.7
248	109106594	40	NOC:Contemporary Literature	Y	Y	Y	8.4
249	109106600	64	NOC:The Novel and Change	Y	Y	Y	17
250	109106602	20	NOC:Complete Guide for Campus Interviews: Step by Step Preparation for Internships and Full-time jobs	Y	Y	Y	3.3
251	109106603	10	NOC:Gender Inclusive Urban Spaces: Issues and Questions	Y	Y	Y	8.0
252	109106645	40	NOC:Anti-Doping Awareness in Sports	Y	Y	Y	3.6
253	109106646	10	NOC:Toolkit of PE Teachers: Basic	Y	Y	Y	6.1
254	109106647	31	NOC:Advanced Course in Performance Traditions of the Mahabharata in Tamilnadu - II	Y	Y	Y	35
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257	109107601	64	NOC:Victorian Literature: An Interdisciplinary Introduction	---	Y	Y	19
258	109103736	34	NOC:Applied Positive Psychology	Y	Y	Y	19
259	109103753	60	NOC:Fundamentals of Language Acquisition	Y	Y	Y	14
260	109104666	61	NOC:Mental Health and Well being	---	Y	---	14
261	109105712	62	NOC:Inclusive Education	---	Y	---	5.6
262	109106733	40	NOC:The Literature of Climate Crisis	---	Y	---	6.1
263	109106735	76	NOC:Indian National Movement	---	Y	Y	13
264	109106737	50	NOC:Nation and Narration	Y	Y	Y	15
265	109106797	40	NOC:Introduction to Physical Medicine and Rehabilitation in Sports	---	Y	Y	4.0
266	109107730	60	NOC:The Fiction of Indian Diaspora	---	Y	Y	17
267	109107734	64	NOC:Tribal Studies in India: Interdisciplinary Perspectives and Approaches	Y	Y	Y	16
268	109107739	60	NOC:Twentieth-Century English Poetry: Between Lyric and Epic	---	Y	---	14
269	109107740	65	NOC:Advance Course in Organizational Behavior	Y	Y	Y	18
270	109107741	40	NOC:Research Methodology in Humanities and Social Sciences	---	Y	Y	16
271	109106695	32	China in Contemporary Global Politics	---	Y	---	7.6
272	109103877	40	NOC:Ethnography of Speaking	---	Y	Y	9.5

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273	109104878	40	NOC:Basics of Experimental Design for Cognitive Psychology	---	Y	---	9.3
274	109105879	40	NOC:Effective Learning for Professional Development	---	Y	---	9.1
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276	109105881	60	NOC:Methodology of Educational Research	---	Y	---	9.2
277	109105882	40	NOC:Theory and Practice: International Trade in the Contemporary World	---	Y	---	6.0
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279	109105884	62	NOC:Introduction to Indian Psychology	---	Y	---	20
280	109106886	72	NOC:Indian Writing in English	---	Y	---	15
281	109106887	65	NOC:Science Fiction Studies	---	Y	---	21
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283	109106889	42	NOC:Migration, Mobility and Development	---	Y	---	11
284	109106890	41	NOC:Conditioning Program Designing	---	Y	---	7.8
285	109106891	60	NOC:Dietary Supplements and Ergogenic Aids in Sports	---	Y	---	12
286	109107892	61	NOC:Twentieth-Century Women’s Novels	---	Y	---	17
287	109107893	60	NOC:Power and Politics in Contemporary India: A Sociological View	---	Y	---	11
288	109106932	31	International Relations: Theory and Practice	---	Y	---	6.6
289	109101005	82	NOC:Introduction to Autonomous Systems	---	Y	---	6.6
290	109103001	34	NOC:Foundations of Psychology: Concepts and Applications	---	Y	---	15
291	109103002	42	NOC:Sociology of Media and Communication	---	Y	---	9.1
292	109103003	20	NOC:Ecological Economics	---	Y	---	1.6
293	109104001	40	NOC:Introduction to Medical Humanities	---	Y	---	8.1
294	109105006	40	NOC:Linguistic Typology Through Indian Languages	---	Y	---	5.6
295	109106001	53	NOC:Visual Cultures: Art History and Visual Communication	---	Y	---	16
296	109106004	66	NOC:Food Narratives and Cultural Studies	---	Y	---	24
297	109106005	38	NOC:Literature, Religion, and the Secular: Cultural Perspectives for English Literary Studies through a Reading of Postsecular Theory	---	Y	---	19
298	109106006	26	NOC:Research Writing	---	Y	---	2.3
299	109107001	60	NOC:Fundamentals of Public Policy and Analysis	---	Y	---	14
300	109107002	60	NOC:Health and Disability in Humanities	---	Y	---	23
301	109107003	60	NOC:Developing Soft Skills and Leadership through Indian Knowledge System	---	Y	---	25
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3	110102016	40	Organisation Management	Y	Y	Y	16
4	110102058	38	Organisation of Engineering Systems and Human Resources Management	Y	Y	Y	29

5	110104055	37	Strategic Marketing - Contemporary Issues	Y	Y	Y	7.6
6	110104063	58	NOC:Strategy: An Introduction to game Theory	Y	Y	Y	2.5
7	110105030	40	Econometric Modelling	Y	Y	Y	19
8	110105033	41	Organizational Behaviour	Y	Y	Y	12
9	110105035	40	Security Analysis and Portfolio Management	Y	Y	Y	19
10	110105039	40	Six Sigma	Y	Y	Y	8.3
11	110105052	40	International Business Communication	Y	Y	Y	16
12	110105054	40	Consumer Behaviour	Y	Y	Y	12
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14	110105060	42	Applied Multivariate Statistical Modeling	Y	Y	Y	12
15	110106043	40	Infrastructure Finance	Y	Y	Y	20
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22	110104066	50	NOC:Quantitative Finance	Y	Y	Y	8.7
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24	110106064	47	NOC:Introduction to Data Analytics	Y	Y	Y	2.4
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26	110105069	32	NOC:Principles of Human Resource Management	Y	Y	Y	9.6
27	110104068	46	NOC:Marketing Management - I	Y	Y	Y	3.1
28	110106072	50	NOC:Introduction to Data analytics	Y	Y	Y	2.6
29	110104070	48	NOC:Marketing Management - II	Y	Y	Y	3.7
30	110105071	40	NOC:Commodity Derivatives and Risk Management	Y	Y	Y	11
31	110105073	24	NOC:Strategic Communication for Sustainable Development	Y	Y	Y	4.8
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33	110105078	39	NOC:Services Marketing: A Practical Approach	Y	Y	Y	4.9
34	110107074	40	NOC:Supply Chain Analytics	Y	Y	Y	9.9
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39	110104074	27	NOC:Systems Engineering: Theory and Practice	Y	Y	Y	3.0
40	110104073	40	NOC:Project Management	Y	Y	Y	2.6
41	110106081	78	NOC:Patent Law for Engineers and Scientists	Y	Y	Y	27
42	110107080	60	NOC:Marketing Research and Analysis	Y	Y	Y	17

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43	110107081	60	NOC:Project Management for Managers	Y	Y	Y	16
44	110104080	34	NOC:Total Quality Management - I	Y	Y	Y	3.3
45	110105080	20	NOC:Gender Justice and Workplace Security	Y	Y	Y	4.8
46	110105081	58	NOC:Corporate Social Responsibility	Y	Y	Y	13
47	110105082	40	NOC:Decision Modeling	Y	Y	Y	11
48	110105083	60	NOC:E-Business	Y	Y	Y	15
49	110105091	31	NOC:Research Writing	Y	Y	Y	5.7
50	110104084	22	NOC:Management of New Products and Services	Y	Y	Y	4.7
51	110104085	41	NOC:Total Quality Management-II	Y	Y	Y	8.6
52	110104086	28	NOC:Practitioners Course In Descriptive,Predictive and Prescriptive Analytics	Y	Y	Y	11
53	110105088	60	NOC:Quality Design and Control	Y	Y	Y	17
54	110105087	60	NOC:Design and Analysis of Experiments	Y	Y	Y	16
55	110105089	60	NOC:Business Analytics for Management Decision	Y	Y	Y	20
56	110107092	60	NOC:Business Analytics and Data Mining Modeling using R	Y	Y	Y	15
57	110105090	56	NOC:Soft Skills for Business Negotiations and Marketing Strategies	Y	Y	Y	17
58	110103093	23	NOC:Economic Growth and Development	Y	Y	Y	13
59	110104093	61	NOC:Microeconomics: Theory and Applications	Y	Y	Y	13
60	110104094	60	NOC:Data Analysis and Decision Making-I	Y	Y	Y	19
61	110104095	51	NOC:Economics of Health and Health Care	Y	Y	Y	11
62	110104096	26	NOC:Simulation of Business Systems: An Applied Approach	Y	Y	Y	7.8
63	110105093	60	NOC:Engineering Econometrics	Y	Y	Y	18
64	110105094	60	NOC:Industrial Safety Engineering	Y	Y	Y	16
65	110105095	60	NOC:Management of Inventory Systems	Y	Y	Y	17
66	110105096	40	NOC:Selected Topics in Decision Modeling	Y	Y	Y	8.3
67	110105097	40	NOC:Ethics in Engineering Practice	Y	Y	Y	12
68	110107093	60	NOC:Working Capital Management	Y	Y	Y	15
69	110107094	40	NOC:Innovation, Business Models and Entrepreneurship	Y	Y	Y	12
70	110107095	20	NOC:Business Analytics and Data Mining Modeling Using R - Part II	Y	Y	Y	5.3
71	110104117	20	NOC:Management of Field Sales	Y	Y	Y	9.4
72	110104118	60	NOC:Data Analysis and Decision Making-II	Y	Y	Y	25
73	110104119	46	NOC:Advanced Green Manufacturing Systems	Y	Y	Y	23
74	110105120	40	NOC:Managing Change in Organizations	Y	Y	Y	13
75	110105121	60	NOC:Financial Institutions and Markets	Y	Y	Y	17
76	110105122	40	NOC:Sales and Distribution Management	Y	Y	Y	17
77	110105123	63	NOC:Six Sigma	Y	Y	Y*	19
78	110106124	27	NOC:Design Thinking - A Primer	Y	Y	Y	21
79	110107112	40	NOC:Global Marketing Management	Y	Y	Y	7.0
80	110107113	60	NOC:Marketing Research and Analysis-II	Y	Y	Y	11

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81	110107114	60	NOC:Business Statistics	Y	Y	Y	11
82	110107115	20	NOC:MCDM Techniques Using R	Y	Y	Y	4.7
83	110107116	40	NOC:Manufacturing Strategy	Y	Y	Y	12
84	110101131	40	NOC:Financial Accounting	Y	Y	Y	33
85	110101132	20	NOC:Cost Accounting	Y	Y	Y	17
86	110101133	40	NOC:Game Theory	Y	Y	Y	24
87	110104125	60	NOC:Data Analysis and Decision Making - III	Y	Y	Y	15
88	110105137	63	NOC:Performance and Reward Management	Y	Y	Y	15
89	110105138	40	NOC:The Ethical Corporation	Y	Y	Y	20
90	110105139	43	NOC:Intellectual Property Rights and Competition Law	Y	Y	Y	11
91	110105140	40	NOC:Patent Search for Engineers and Lawyers	Y	Y	Y	11
92	110106134	34	NOC:Decision-Making Under Uncertainty	Y	Y	Y	32
93	110106135	34	NOC:Decision making using financial accounting	Y	Y	Y	52
94	110107126	48	NOC:Training Of Trainers	Y	Y	Y	27
95	110107127	60	NOC:Management Accounting	Y	Y	Y	10
96	110107128	60	NOC:Financial Derivatives and Risk Management	Y	Y	Y	17
97	110107129	40	NOC:Business Analytics and Text Mining Modeling Using Python	Y	Y	Y	5.8
98	110107130	40	NOC:Toyota Production System	Y	Y	Y	13
99	110105144	41	NOC:Behavioral and Personal Finance	Y	Y	Y	19
100	110106141	61	NOC:Entrepreneurship	Y	Y	Y	36
101	110107144	60	NOC:Financial Management for Managers	Y	Y	Y	12
102	110108141	36	NOC:Integrated Marketing Management	Y	Y	Y	11
103	110101141	49	NOC:Introduction to Stochastic Processes	Y	Y	Y	57
104	110101142	63	NOC:Introduction to System Dynamics Modeling	Y	Y	Y	38
105	110105143	60	NOC:Management of Commercial Banking	Y	Y	Y	30
106	110105142	66	NOC:Marketing Analytics	Y	Y	Y	18
107	110105141	62	NOC:Modelling and Analytics for Supply Chain Management	Y	Y	Y	17
108	110107141	60	NOC:Production and Operation Management (Prof. Rajat Agarwal)	Y	Y	Y	14
109	110107143	60	NOC:Production and Operation Management (Prof. Santosh Rangnekar)	Y	Y	Y	13
110	110107142	60	NOC:Services Marketing: Integrating People, Technology, Strategy	Y	Y	Y	7.8
111	110105145	42	NOC:Customer Relationship Management	Y	Y	Y	17
112	110105147	60	NOC:Decision Support System for Managers	Y	Y	---	19
113	110106147	120	NOC:Financial Accounting (IIT Mandi)	Y	Y	Y	7.3
114	110107145	60	NOC:International Business	Y	Y	Y	8.1
115	110107147	60	NOC:Introduction to Marketing Essentials	Y	Y	Y	5.1
116	110105148	60	NOC:Management Information System	Y	Y	Y	30
117	110106145	56	NOC:Organizational Behaviour	Y	Y	Y	5.4
118	110101146	36	NOC:Organization Development and Change in 21st Century	Y	Y	Y	6.3

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119	110107146	60	NOC:Path Integral Methods in Physics and Finance	Y	Y	Y	8.0
120	110105146	59	NOC:Principles of Management (2020)	Y	Y	Y	30
121	110106146	32	NOC:The Future of Manufacturing Business: Role of Additive Manufacturing	Y	Y	Y	4.3
122	110101149	80	NOC:Managerial Economics	Y	Y	Y	11
123	110101150	40	NOC:Quality Control and Improvement with MINITAB	Y	Y	Y	3.9
124	110106150	36	NOC:Technology Forecasting for Strategic Decision Making - An Introduction	Y	Y	Y	2.1
125	110106151	62	NOC:Leadership for India Inc: Practical Concepts and Constructs	Y	Y	Y	13
126	110107150	62	NOC:Principles of Management (2021)	Y	Y	Y	7.6
127	110107151	40	NOC:Organization Theory-Structure and Design	Y	Y	Y	4.7
128	110107152	60	NOC:Talent Acquisition and Management	Y	Y	Y	12
129	110101153	32	NOC:Business and Sustainable Development	Y	Y	Y	3.1
130	110105153	107	NOC:Applied Econometrics	Y	Y	---	5.4
131	110105154	60	NOC:Organizational Behaviour - II	Y	Y	Y	8.9
132	110105155	60	NOC:Automation in Production Systems and Management	Y	Y	Y	7.2
133	110105156	40	NOC:Corporate Finance	---	Y	---	3.8
134	110107153	40	NOC:Econometric Modelling	Y	Y	Y	4.5
135	110107154	60	NOC:Security Analysis and Portfolio Management	Y	Y	---	15
136	110105157	39	NOC:International Marketing	Y	Y	Y	3.7
137	110105158	47	NOC:Retail Management	Y	Y	Y	4.6
138	110105159	40	NOC:Business Law for Managers	Y	Y	Y	4.0
139	110105160	60	NOC:Safety and Risk Analytics	---	Y	---	9.8
140	110106157	61	NOC:Strategy and Technology: A Practical Primer	---	Y	Y	12
141	110107157	60	NOC:Decision Making with Spreadsheet	Y	Y	---	6.3
142	110107158	60	NOC:Integrated Marketing Communication	Y	Y	Y	17
143	110107159	60	NOC:Leadership and Team Effectiveness	Y	Y	Y	7.0
144	110105161	60	NOC:Strategic Management for Competitive Advantage	Y	Y	Y	4.5
145	110105162	60	NOC:Human Factors Engineering	Y	Y	Y	8.3
146	110107161	60	NOC:Product and Brand Management	Y	Y	Y	14
147	110107162	60	NOC:Quantitative Investment Management	Y	Y	Y	8.4
148	110107163	41	NOC:Strategic Sales Management	Y	Y	Y	6.2
149	110108161	38	NOC:Strategic Management - The Competitive Edge	Y	Y	Y	4.5
150	110101164	40	NOC:Advances in Strategic Human Resource Management	Y	Y	Y	1.6
151	110101165	93	NOC:Yoga and Positive Psychology for Managing Career and Life	Y	Y	Y	3.5
152	110104164	44	NOC:Artificial Intelligence (AI) for Investments	Y	Y	Y	4.1
153	110105164	61	NOC:Organizational Design Change and Transformation	Y	Y	Y	6.0
154	110105165	40	NOC:Mergers, Acquisitions and Corporate Restructuring	Y	Y	Y	4.3
155	110105166	40	NOC:Invest Management	Y	Y	---	3.9

156	110106164	60	NOC:Business Development: From Start to Scale	Y	Y	Y	13
157	110106165	58	NOC:Applied Econometrics	Y	Y	---	4.9
158	110101167	20	NOC:Business Fundamentals for Entrepreneurs (Part 1: Internal Operation)	Y	Y	Y	3.1
159	110104167	40	NOC:Brand Management	Y	Y	Y	6.5
160	110104168	43	NOC:Advanced Business Decision Support Systems	Y	Y	Y	4.3
161	110104169	28	NOC:Advanced Algorithmic Trading and Portfolio Management	Y	Y	Y	3.3
162	110105167	40	NOC:Project Management: Planning, Execution, Evaluation and Control	Y	Y	Y	3.1
163	110105168	60	NOC:Commodity Derivatives and Risk Management (2023)	Y	Y	Y	6.3
164	110106167	17	NOC:Working in Contemporary Teams	Y	Y	Y	2.0
165	110107167	41	NOC:Retail Marketing Strategy	Y	Y	Y	6.5
166	110107168	60	NOC:Business to Business Marketing	---	Y	---	8.7
167	110107169	60	NOC:Designing Work Organization	Y	Y	Y	6.5
168	110101436	60	NOC:Supply Chain Digitization	---	Y	Y	6.1
169	110101438	38	NOC:Business Forecasting	---	Y	Y	4.4
170	110101439	17	NOC:Business Fundamentals for Entrepreneurs (Part 2: External Operation)	---	Y	---	2.7
171	110103433	60	NOC:Organizational Behaviour: Individual Dynamics in Organization	Y	Y	Y	11
172	110104437	36	NOC:Advanced Financial Instruments for Sustainable Business and Decentralized Markets	Y	Y	Y	4.9
173	110104440	57	NOC:Multivariate Procedures with R	Y	Y	---	5.1
174	110106368	58	NOC:Foundations of Accounting and Finance	Y	Y	Y	7.0
175	110106435	48	NOC:Strategic Sourcing	---	Y	Y	5.9
176	110107430	40	NOC:Project Management (2024)	Y	Y	Y	3.0
177	110107431	60	NOC:AI in Marketing	Y	Y	Y	4.8
178	110107432	60	NOC:Innovation in Marketing and Marketing of Innovation	---	Y	---	8.9
179	110107434	60	NOC:Strategic Services Marketing	Y	Y	Y	9.6
180	110103506	58	NOC:Labour Welfare and Industrial Relations	Y	Y	Y	9.2
181	110104507	34	NOC:Business Marketing - Technology Focus	Y	Y	Y	11
182	110104513	45	NOC:Advanced R Programming for Data Analytics in Business	---	Y	Y	6.6
183	110105508	61	NOC:Service Management: Integrating Strategy, Operations, and Technology	---	Y	Y	7.1
184	110105510	40	NOC:Financial Management (in Hindi)	---	Y	---	8.8
185	110106511	40	NOC:Fundamentals of Cost Accounting	---	Y	Y	7.5
186	110106512	36	NOC:Introduction to GST	Y	Y	Y	6.9
187	110106514	38	NOC:Research for Marketing Decisions	Y	Y	Y	7.9
188	110107492	62	NOC:HR Analytics	Y	Y	Y	9.6
189	110107509	60	NOC:Strategic Management	---	Y	---	20
190	110101628	50	NOC:Business Fundamentals for Entrepreneurs	---	Y	---	16
191	110103626	43	NOC:AI in Human Resource Management	Y	Y	Y	13

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192	110104624	51	NOC:Advanced Financial Analytics	---	Y	Y	6.2
193	110105625	60	NOC:Advertising and Promotions Management	---	Y	---	9.3
194	110106629	60	NOC:Public Organization and Management	Y	Y	Y	11
195	110107627	60	NOC:AI in Product Management	Y	Y	---	13
196	110107630	40	NOC:Operations and Revenue Analytics	Y	Y	Y	11
197	110103754	60	NOC:Learning and Development in Organizations	---	Y	---	8.9
198	110104743	60	NOC:Application of Forecasting, Regression and Time Series Models	---	Y	---	11
199	110105755	64	NOC:Production and Operations Management: Theory and Application	---	Y	Y	5.4
200	110105756	40	NOC:Foundation of Digital Business	Y	Y	---	3.7
201	110107757	60	NOC:Project Selection and Finance for Professionals	---	Y	---	13
202	110107759	60	NOC:Principles of Behavioral Economics	Y	Y	---	9.6
203	110106656	38	Research for Marketing Decisions	---	Y	---	7.6
204	110101915	20	NOC:Pre-Business School Statistics	---	Y	Y	2.3
205	110101916	60	NOC:Healthcare Quality Management - Infection Control and Patient Safety	---	Y	---	6.2
206	110101927	11	NOC:Technology Commercialization and New Product Development	---	Y	---	2.2
207	110103917	60	NOC:Metrics and Analytics of Marketing	---	Y	---	21
208	110104918	60	NOC:Economic Analysis for Management	---	Y	---	6.4
209	110105919	60	NOC:International Human Resource Management	---	Y	---	12
210	110105920	40	NOC:Fundamentals of Digital Marketing	---	Y	---	4.8
211	110107921	51	NOC:Organizations Theory, Structure and Design	---	Y	Y	7.6
212	110101011	69	NOC:Foundations of Entrepreneurship	---	Y	---	35
213	110106002	37	NOC:Digital Marketing in the AI era - Part 1	---	Y	---	2.4
Discipline : Mathematics Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/mathematics.pdf							
1	111101003	40	Elementary Numerical Analysis	Y	Y	Y	28
2	111101005	40	Measure and Integration	Y	Y	Y	34
3	111101080	40	Mathematics in India - From Vedic Period to Modern Times	Y	Y	Y	18
4	111102014	39	Stochastic Processes	Y	Y	Y	23
5	111103016	41	Formal Languages and Automata Theory	Y	Y	Y	17
6	111103070	40	Complex Analysis	Y	Y	Y	23
7	111104024	44	Applied Multivariate Analysis	Y	Y	Y	20
8	111104025	40	Calculus of Variations and Integral Equations	Y	Y	Y	12
9	111104027	40	Linear programming and Extensions	Y	Y	Y	17
10	111104068	42	Convex Optimization	Y	Y	Y	8.6
11	111104071	38	Foundations of Optimization	Y	Y	Y	7.2
12	111104079	40	Probability Theory and Applications	Y	Y	Y	8.6
13	111105035	42	Advanced Engineering Mathematics	Y	Y	Y	12

14	111105037	40	Functional Analysis	Y	Y	Y	19
15	111105038	40	Numerical methods of Ordinary & Partial Differential Equations	Y	Y	Y	12
16	111105039	40	Optimization	Y	Y	Y	12
17	111105041	40	Probability and Statistics	Y	Y	Y	8.7
18	111105042	40	Regression Analysis	Y	Y	Y	15
19	111105043	40	Statistical Inference	Y	Y	---	12
20	111105069	46	A Basic Course in Real Analysis	Y	Y	Y	15
21	111106044	48	An Introduction to Riemann Surfaces and Algebraic Curves: Complex 1-Tori and Elliptic Curves	Y	Y	Y	23
22	111106051	52	Linear Algebra	Y	Y	Y	21
23	111106052	42	Mathematical Logic	Y	Y	Y	17
24	111106053	52	Real Analysis	Y	Y	Y	22
25	111106083	36	NOC:An invitation to mathematics	Y	Y	Y	6.7
26	111107058	41	Discrete Mathematics	Y	Y	Y	4.5
27	111108066	40	Advanced Matrix Theory and Linear Algebra for Engineers	Y	Y	Y	19
28	111108081	40	Ordinary Differential Equations and Applications	Y	Y	Y	25
29	111104085	30	NOC:Basic Calculus for Engineers, Scientists and Economists	Y	Y	Y	4.2
30	111105077	40	Statistical Methods for Scientists and Engineers	Y	Y	Y	12
31	111106084	43	Advanced Complex Analysis - Part 1: Zeros of Analytic Functions, Analytic continuation, Monodromy, Hyperbolic Geometry	Y	Y	Y	18
32	111106086	51	NOC:Discrete Mathematics	Y	Y	Y	3.0
33	111105091	61	NOC:Applied Multivariate Statistical Modeling	Y	Y	Y	4.6
34	111105090	79	NOC:Probability and Statistics	Y	Y	Y	20
35	111104089	20	NOC:Probability and Stochastics for finance	Y	Y	Y	2.8
36	111106082	40	Dynamic Data Assimilation: An Introduction	Y	Y	Y	19
37	111106094	43	Advanced Complex Analysis - Part 2: Singularity at Infinity, Infinity as a Value, Compact Spaces of Meromorphic Functions for the Spherical Metric and Spherical Derivative	Y	Y	Y	29
38	111105093	20	NOC:Partial Differential Equations (PDE) for Engineers: Solution by Separation of Variables	Y	Y	Y	5.1
39	111104092	21	NOC:Differential Calculus in Several Variables	Y	Y	Y	1.5
40	111102096	77	NOC:Stochastic Processes - 1	Y	Y	Y	1.9
41	111104095	22	NOC:Curves and Surfaces	Y	Y	Y	1.1
42	111106097	42	Basic Algebraic Geometry : Varieties, Morphisms, Local Rings, Function Fields and Nonsingularity	Y	Y	Y	19
43	111106098	38	NOC:Introduction to Commutative Algebra	Y	Y	Y	30
44	111108098	60	NOC:Linear Algebra	Y	Y	Y	13
45	111104098	24	NOC:Linear Regression Analysis and Forecasting	Y	Y	Y	1.3
46	111102098	124	NOC:Stochastic Processes	Y	Y	Y	13
47	111107098	60	NOC:Mathematical Methods and its Applications	Y	Y	Y	16

48	111105098	73	NOC:Introductory Course in Real Analysis	Y	Y	---	20
49	111105099	40	NOC:Modeling Transport Phenomena of Microparticles	Y	Y	Y	11
50	111106100	64	NOC:Differential Equations	Y	Y	Y	24
51	111107103	60	NOC:Integral Equations, Calculus of Variations and its Applications	Y	Y	Y	17
52	111107104	20	NOC:Nonlinear Programming	Y	Y	Y	5.5
53	111107105	40	NOC:Numerical Methods	Y	Y	Y	9.8
54	111101100	62	NOC:Measure Theory	Y	Y	Y	27
55	111106101	54	NOC:Numerical Analysis	Y	Y	Y	29
56	111104100	43	NOC:Introduction to R Software	Y	Y	Y	2.9
57	111105100	60	NOC:Constrained and Unconstrained Optimization	Y	Y	Y	15
58	111106102	39	NOC:Graph Theory	Y	Y	Y	9.3
59	111107107	20	NOC:Numerical Methods: Finite Difference Approach	Y	Y	Y	3.2
60	111101109	41	NOC:Calculus for Economics,Commerce and Management	Y	Y	Y	33
61	111107108	40	NOC:Multivariable Calculus	Y	Y	Y	11
62	111107106	60	NOC:Numerical Linear Algebra	Y	Y	Y	15
63	111102110	35	NOC:Chaotic Dynamical Systems	Y	Y	Y	27
64	111102111	92	NOC:Introduction to Probability Theory and Stochastic Processes	Y	Y	Y	30
65	111102112	21	NOC:Statistical Inference	Y	Y	Y	19
66	111105111	60	NOC:Matrix Solver	Y	Y	Y	16
67	111105112	40	NOC:Introduction to Abstract and Linear Algebra	Y	Y	Y	8.7
68	111106111	48	NOC:Transform Techniques for Engineers	Y	Y	Y.	72
69	111106112	21	NOC:Introduction to Probability and Statistics	Y	Y	Y	9.0
70	111106113	45	NOC:Introduction to Abstract Group Theory	Y	Y	Y	40
71	111106114	17	NOC:Groups: Motion, Symmetry and Puzzles	Y	Y	Y	24
72	111107111	60	NOC:Ordinary and Partial Differential Equations and Applications	Y	Y	Y	11
73	111107112	40	NOC:Matrix Analysis with Applications	Y	Y	Y	5.4
74	111107113	20	NOC:Mathematical Modelling: Analysis and Applications	Y	Y	Y	4.2
75	111101115	41	NOC:Basic Linear Algebra	Y	Y	Y	16
76	111101116	60	NOC:Commutative Algebra	Y	Y	Y	34
77	111101117	62	NOC:Galois Theory	Y	Y	Y	61
78	111104120	34	NOC:Descriptive Statistics with R Software	Y	Y	Y	12
79	111105121	60	NOC:Engineering Mathematics-I	Y	Y	Y	17
80	111105122	60	NOC:Integral and Vector Calculus	Y	Y	Y	16
81	111105123	60	NOC:Transform Calculus and its applications in Differential Equations	Y	Y	Y	16
82	111107118	60	NOC:Dynamical System and Control	Y	Y	Y	8.2
83	111107119	60	NOC:Advanced Engineering Mathematics	Y	Y	Y	8.8
84	111105124	64	NOC:Statistical Inference (2019)	Y	Y	Y	17
85	111102129	72	NOC:Integral Transforms and their Applications	Y	Y	Y	88

86	111102130	30	NOC:Introduction to Fuzzy Set Theory, Arithmetic and Logic	Y	Y	Y	29
87	111102133	32	Introduction to Methods of Applied Mathematics	Y	Y	Y	24
88	111103126	36	NOC:Mathematical Finance	Y	Y	Y	20
89	111104125	37	NOC:Calculus of Several Real Variables	Y	Y	Y	14
90	111105132	20	NOC:Mathematical Methods for Boundary Value Problems	Y	Y	Y	6.6
91	111106131	44	NOC:Introduction To Rings And Fields	Y	Y	Y	58
92	111107127	56	NOC:Higher Engineering Mathematics	Y	Y	Y	5.8
93	111107128	40	NOC:Operations Research	Y	Y	Y	4.3
94	111102134	30	NOC:Advanced Probability Theory	Y	Y	Y	41
95	111108134	68	NOC:An Introduction to Smooth Manifolds	Y	Y	Y	5.7
96	111101134	69	NOC:Basic Real Analysis	Y	Y	Y	48
97	111105134	60	NOC:Engineering Mathematics - II	Y	Y	Y	28
98	111108136	60	NOC:Introduction to Algebraic Geometry and Commutative Algebra	Y	Y	Y	9.9
99	111106135	48	NOC:Linear Algebra (Prof. Pranav Haridas)	Y	Y	Y	45
100	111108135	62	NOC:Measure Theory (Prof. E. K. Narayanan)	Y	Y	Y	12
101	111106134	67	NOC:Probabilistic Methods in PDE	Y	Y	Y	36
102	111101137	63	NOC:A Basic Course in Number Theory	Y	Y	---	19
103	111106137	83	NOC:Algebra - I	Y	Y	Y	4.1
104	111106141	48	NOC:Complex Analysis	Y	Y	Y	5.9
105	111106138	60	NOC:Computational Commutative Algebra	Y	Y	---	4.9
106	111104138	27	NOC:Computational Number Theory and Algebra	Y	Y	---	14
107	111107137	60	NOC:Essential Mathematics for Machine Learning	Y	Y	---	4.6
108	111106139	27	NOC:Laplace Transform	---	Y	Y	2.5
109	111104137	66	NOC:Linear Algebra (Prof. A.K. Lal)	Y	Y	---	16
110	111103137	36	NOC:Mathematical Portfolio Theory	Y	Y	Y	5.8
111	111106140	75	NOC:Measure Theory (Prof. Indrava Roy)	Y	Y	---	4.9
112	111102143	10	NOC:Non-parametric Statistical Inference	Y	Y	Y	2.5
113	111106142	121	NOC:Real Analysis - I	Y	Y	Y	4.5
114	111102137	65	NOC:Scientific Computing using Matlab	Y	Y	Y	31
115	111101144	62	NOC:Introduction to Algebraic Topology - Part I	Y	Y	Y	7.0
116	111104144	40	NOC:Basic Calculus 1 and 2	---	Y	Y	3.2
117	111104145	33	NOC:Advanced Partial Differential Equations	Y	Y	Y	2.6
118	111104146	69	NOC:Essentials of Data Science With R Software 1: Probability and Statistical Inference	Y	Y	Y	6.9
119	111104147	53	NOC:Essentials of Data Science With R Software 2: Sampling Theory and Linear Regression Analysis	Y	Y	Y	6.0
120	111106144	66	NOC:Variational Calculus and its applications in Control Theory and Nanomechanics	Y	Y	Y	5.0
121	111106145	49	NOC:Introduction to Galois Theory	Y	Y	Y	5.7

122	111106146	72	NOC:Basic Calculus 1	Y	Y	Y	3.9
123	111106147	74	NOC:Functional Analysis	Y	Y	Y	4.6
124	111106148	90	NOC:Mathematical Methods in Physics 1	Y	Y	Y	4.0
125	111106149	70	NOC:Computational Mathematics with SageMath	Y	Y	Y	4.9
126	111106150	46	NOC:Introduction to Probability (with examples using R)	Y	Y	---	3.8
127	111106151	84	NOC:Algebra-II	Y	Y	---	4.3
128	111108144	41	NOC:First Course on Partial Differential Equations - I	Y	Y	---	3.5
129	111101152	62	NOC:Introduction to Algebraic Topology - Part II	Y	Y	Y	6.5
130	111101153	60	NOC:Partial Differential Equations	Y	Y	---	5.2
131	111102152	58	NOC:Matrix Computation and its Applications	Y	Y	Y	5.4
132	111104152	40	NOC:Measure Theoretic Probability 1	Y	Y	Y	2.4
133	111106152	80	NOC:Mathematical Methods in Physics 2	Y	Y	Y	4.6
134	111106153	74	NOC:Real Analysis - II	Y	Y	---	2.8
135	111106154	85	NOC:Sobolev Spaces and Partial Differential Equations	Y	Y	Y	6.1
136	111106155	58	NOC:Combinatorics	Y	Y	Y	4.2
137	111106156	66	NOC:Geometry of Vision	Y	Y	---	3.6
138	111108152	41	NOC:First Course on Partial Differential Equations - II	Y	Y	---	3.5
139	111108157	80	Matrix Theory	Y	Y	---	6.5
140	111101158	61	NOC:An Introduction to Point-Set-Topology - Part I	Y	Y	Y	6.0
141	111103158	34	NOC:Discrete-time Markov Chains and Poission Processes	Y	Y	Y	3.7
142	111103159	48	NOC:Introduction to Queueing Theory	Y	Y	Y	6.8
143	111106158	84	NOC:Algebraic Combinatorics	---	Y	---	3.7
144	111106159	73	NOC:An Invitation to Topology	---	Y	---	3.7
145	111101160	62	NOC:An Introduction to Point-Set-Topology - Part II	Y	Y	Y	6.5
146	111102160	58	NOC:Introduction to Probability Theory and Statistics	---	Y	Y	5.1
147	111104160	54	NOC:Foundations of R Software	Y	Y	Y	5.4
148	111104161	54	NOC:Foundations of R Software (In Hindi)	---	Y	---	9.1
149	111105160	60	NOC:Advanced Calculus For Engineers	---	Y	---	4.7
150	111105161	60	NOC:Rings and Modules	---	Y	---	4.1
151	111106160	51	NOC:Operator Theory	---	Y	---	4.5
152	111106161	79	NOC:Measure and Integration	Y	Y	Y	4.4
153	111106162	58	NOC:Approximate Reasoning using Fuzzy Set Theory	Y	Y	Y	5.4
154	111106163	45	NOC:Probability-II with Examples Using R	---	Y	---	3.1
155	111101164	60	NOC:Fourier Analysis and its Applications	Y	Y	Y	5.1
156	111101165	61	NOC:Numerical Analysis (2023)	Y	Y	Y	4.6
157	111104164	41	NOC:An Introduction to Hyperbolic Geometry	Y	Y	Y	2.3
158	111104165	42	NOC:A Primer to Mathematical Optimization	---	Y	---	4.6
159	111105164	20	NOC:Advanced Computational Techniques	Y	Y	Y	1.6

160	111105165	60	NOC:Applied Linear Algebra in AI and ML	---	Y	---	3.9
161	111105167	60	NOC:Advanced Engineering Mathematics	Y	Y	---	5.5
162	111106164	64	NOC:Predictive Analytics - Regression and Classification	Y	Y	---	4.7
163	111107164	60	NOC:Advanced Linear Algebra	Y	Y	Y	3.8
164	111108164	40	NOC:C* Algebras and Spectral Theorem	---	Y	---	6.0
165	111101168	42	NOC:Point Set Topology	Y	Y	Y	2.9
166	111104168	44	NOC:Measure Theoretic Probability 2	---	Y	Y	4.1
167	111105169	72	NOC:Essentials of Topology	Y	Y	Y	4.7
168	111106168	75	NOC:Introduction to Algebraic Geometry	---	Y	---	5.2
169	111108168	42	NOC:Advanced Partial Differential Equations (Part I: Distributions and Sobolev Spaces)	---	Y	---	4.0
170	111104416	52	NOC:Set Theory and Mathematical Logic	---	Y	---	8.5
171	111105417	63	NOC:Numerical Linear Algebra and Application	---	Y	---	4.9
172	111106415	60	NOC:Introduction to Statistics	---	Y	---	3.5
173	111108412	40	NOC:Advanced Course on Partial Differential Equations - II	---	Y	---	3.7
174	111108413	58	NOC:Introduction to Group Theory	---	Y	Y	7.9
175	111108414	55	NOC:Introduction to Lie Algebras	---	Y	Y	3.9
176	111102518	53	NOC:Introduction to Probability Theory and Stochastic Processes (Tamil)	---	Y	---	18
177	111104519	60	NOC:Introduction to Fourier Analysis	---	Y	---	5.9
178	111104521	41	NOC:Ordinary Differential Equations	Y	Y	Y	3.5
179	111104524	24	NOC:Category Theory	---	Y	---	11
180	111105489	60	NOC:Mathematics for Machine Learning	---	Y	---	7.7
181	111105522	60	NOC:Advanced Theory of Ordinary Differential Equations	---	Y	---	9.3
182	111106525	63	NOC:Probability Theory for Data Science	Y	Y	Y	6.7
183	111107523	60	NOC:EXCELing with Mathematical Modeling	Y	Y	---	8.2
184	111108520	50	NOC:Representation Theory of General Linear Lie Algebra	---	Y	---	4.9
185	111101611	75	NOC:High Performance Scientific Computing	---	Y	Y	6.2
186	111102613	36	NOC:Scientific Computing using Python (Hindi)	Y	Y	---	6.9
187	111104612	57	NOC:Multivariate Procedures with R (Hindi)	---	Y	---	7.7
188	111104644	60	NOC:Optimization Algorithms: Theory and Software Implementation	Y	Y	Y	7.4
189	111105610	60	NOC:Functional Analysis and its Applications	---	Y	Y	8.1
190	111105614	60	NOC:Soft Computing Techniques	---	Y	Y	7.3
191	111108609	57	NOC:Algebraic Number Theory	---	Y	---	11
192	111102798	44	NOC:Introduction to Probability and Statistics (in Hindi)	Y	Y	---	8.0
193	111103764	57	NOC:Calculus-II	Y	Y	Y	11
194	111104765	45	NOC:Geometry of Curves and Surfaces	---	Y	---	3.2
195	111104766	32	NOC:Partial Differential Equations	Y	Y	Y	1.9
196	111105762	20	NOC:Basics of Nonparametric Tests with Applications by R	---	Y	---	3.6

197	111106763	45	NOC:Algebra 1: Foundations	---	Y	Y	16
198	111104900	48	NOC:An Introduction to Number Theory	---	Y	---	5.3
199	111105901	60	NOC:Applied Stochastic Processes	---	Y	---	11
200	111105902	60	NOC:Software Reliability	---	Y	---	13
201	111106904	59	NOC:An Introduction to Matrix Lie Groups	---	Y	---	5.3
202	111106905	55	NOC:Introduction to Algebraic Topology	---	Y	---	14
203	111106929	60	NOC:Probability Theory with Actuarial Applications	---	Y	Y	16
204	111106930	58	NOC:Financial Mathematics for Actuaries	---	Y	---	8.1
205	111108898	56	NOC:Representation Theory of Finite Groups	---	Y	---	5.7
206	111108899	60	NOC:Riemannian Geometry	---	Y	---	13
207	111103001	49	NOC:Fractals and Multifractals	---	Y	---	7.1
208	111103002	73	NOC:Complex Analysis - I	---	Y	---	16
209	111104001	37	NOC:Complex Analysis	---	Y	---	2.8
210	111105001	60	NOC:Design and Analysis of Algorithms with Applications	---	Y	---	8.5
211	111105002	60	NOC:Introduction to Software Engineering: A Road Map to Reliable Software Development and Maintenance	---	Y	---	16
212	111105003	20	NOC:Ordinary Differential Equations : Power Series, Eigen values and Green functions	---	Y	---	2.4
213	111106001	56	NOC:The Geometry of Möbius Transformations	---	Y	---	5.5
214	111106002	49	NOC:Wavelets and Applications	---	Y	---	7.0
215	111106003	72	NOC:Math Foundation	---	Y	---	14
216	111106004	26	NOC:Linear Algebra for Machine Learning and Quantum Computing	---	Y	---	2.2
217	111108001	58	NOC:Introduction to Algebraic Structures	---	Y	---	8.5
218	111108002	60	NOC:Multivariable Differential Calculus and Ordinary Differential Equations	---	Y	---	11
219	111108003	37	NOC:Commutative Algebra with a Viewpoint towards Algebraic Number Theory	---	Y	---	3.3
Discipline : Mechanical Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/mechanical-engineering.pdf							
1	112101002	43	Convective Heat and Mass Transfer	Y	Y	Y	18
2	112101004	42	Cryogenic Engineering	Y	Y	Y	34
3	112101095	40	Advanced Strength of Materials	Y	Y	Y	9.7
4	112101097	35	Heat and Mass Transfer	Y	Y	Y	6.7
5	112101099	40	Robotics	Y	Y	Y	11
6	112102014	42	Tribology	Y	Y	Y	18
7	112102101	52	Computer Aided Design and Manufacturing	Y	Y	Y	8.8
8	112102106	41	Project and Production Management	Y	Y	Y	11
9	112103023	40	Nonlinear Vibration	Y	Y	Y	20
10	112103025	42	Theory and Practice of Rotor Dynamics	Y	Y	Y	26

11	112103108	40	Engineering Mechanics	Y	Y	Y	9.5
12	112103112	40	Mechanical Vibrations	Y	Y	Y	9.3
13	112104026	39	Acoustics	Y	Y	Y	9.4
14	112104028	34	Advanced Machining Processes	Y	Y	Y	14
15	112104029	40	Biomicroelectromechanical systems	Y	Y	Y	18
16	112104031	40	Computer Aided Engineering Design	Y	Y	Y	16
17	112104035	40	Mathematical Methods in Engineering and Science	Y	Y	Y	12
18	112104114	44	Dynamics of Machines	Y	Y	Y	5.9
19	112104115	38	Finite Element Method	Y	Y	Y	4.4
20	112104121	39	Kinematics of Machines	Y	Y	Y	3.6
21	112104162	38	Advanced manufacturing process for micro system fabrication	Y	Y	Y	14
22	112104172	40	Engineering Drawing	Y	Y	Y	15
23	112104181	42	NOC:BioMEMS and Microsystems	Y	Y	Y	4.6
24	112105045	43	Computational Fluid Dynamics (Prof. S. Chakraborty)	Y	Y	Y	22
25	112105048	40	Machinery fault diagnosis and signal processing	Y	Y	Y	9.4
26	112105051	43	Solar Energy Technology	Y	Y	Y	11
27	112105053	40	Technology of Surface Coating	Y	Y	Y	11
28	112105055	40	Vibration of Structures	Y	Y	Y	11
29	112105123	32	Basic Thermodynamics	Y	Y	Y	7.1
30	112105124	40	Design of Machine Elements I	Y	Y	Y	12
31	112105126	41	Manufacturing Processes II	Y	Y	Y	9.1
32	112105128	46	Refrigeration and Air Conditioning	Y	Y	Y	12
33	112105171	49	Fluid Mechanics	Y	Y	Y	13
34	112105182	40	Introduction to Fluid Machines and Compressible Flow	Y	Y	Y	11
35	112105183	58	Introduction to Fluid Mechanics and Fluid Engineering	Y	Y	Y	17
36	112106056	40	Advanced Gas Dynamics	Y	Y	Y	18
37	112106064	40	Design and Optimization of Energy systems	Y	Y	Y	16
38	112106065	41	Engineering Fracture Mechanics	Y	Y	Y	18
39	112106068	41	Experimental Stress Analysis	Y	Y	Y	19
40	112106073	41	Rocket Propulsion	Y	Y	Y	18
41	112106130	30	Advanced Finite Elements Analysis	Y	Y	Y	4.9
42	112106131	39	Advanced Operations Research	Y	Y	Y	13
43	112106134	22	Fundamentals of Operations Research	Y	Y	Y	4.6
44	112106135	33	Introduction to Finite Element Method	Y	Y	Y	7.3
45	112106138	50	Mechanical Measurements and Metrology	Y	Y	Y	13
46	112106140	26	Principles of Mechanical Measurements	Y	Y	Y	5.4
47	112106154	41	Spray Theory and Applications (Repurposed)	Y	Y	Y	17
48	112106155	46	Conduction And Radiation	Y	Y	Y	19

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49	112106166	40	Gas Dynamics and Propulsion	Y	Y	Y	31
50	112106169	41	Microfluidics	Y	Y	Y	25
51	112106170	44	Convective Heat Transfer	Y	Y	Y	27
52	112106177	40	Introduction to Explosions and Explosion Safety	Y	Y	Y	33
53	112106180	35	NOC:Engineering Mechanics Statics and Dynamics	Y	Y	Y	4.0
54	112107078	40	Advanced Manufacturing Processes	Y	Y	Y	20
55	112107079	43	Computational Fluid Dynamics (Dr. K.M. Singh)	Y	Y	Y	31
56	112107086	40	Processing of non metals	Y	Y	Y	31
57	112107087	40	Vibration control	Y	Y	Y	34
58	112107089	40	Welding Engineering	Y	Y	Y	31
59	112107143	40	Industrial Engineering	Y	Y	Y	8.3
60	112107145	40	Manufacturing Processes I	Y	Y	Y	8.0
61	112107147	40	Strength of Materials	Y	Y	Y	8.0
62	112108092	40	Micro and Smart Systems	Y	Y	Y	11
63	112105187	48	Micro fluidics	Y	Y	Y	23
64	112106186	44	NOC:Foundation of Computational Fluid Dynamics	Y	Y	Y	2.4
65	112104188	48	NOC:Manufacturing Systems Technology	Y	Y	Y	7.5
66	112104189	30	NOC:Manufacturing Systems Technology - Part II	Y	Y	Y	4.5
67	112105047	43	Fundamentals of Industrial Oil Hydraulics and Pneumatics	Y	Y	Y	13
68	112105192	41	NOC:Conduction and Convection Heat Transfer	Y	Y	Y	19
69	112105197	35	NOC:Vibrations of Structures	Y	Y	Y	9.8
70	112106190	40	NOC:Introduction to Boundary Layers	Y	Y	Y	16
71	112104193	48	NOC:Basics of Finite Element Analysis	Y	Y	Y	1.7
72	112106196	48	NOC:Fundamentals of Gas Dynamics	Y	Y	Y	21
73	112104194	48	NOC:Basics of Noise and Its Measurements	Y	Y	Y	2.3
74	112104195	48	NOC:Manufacturing Process Technology - Part I	Y	Y	Y	2.3
75	112106198	32	NOC:Experimental Stress Analysis:An Overview	Y	Y	Y	4.0
76	112108201	44	NOC:Variational Methods in Mechanics	Y	Y	Y	13
77	112105206	39	NOC:Fluid Machines	Y	Y	Y	9.5
78	112104203	40	NOC:Nature and Property of Materials	Y	Y	Y	2.9
79	112104204	48	NOC:Manufacturing Process Technology - II	Y	Y	Y	3.3
80	112104205	48	NOC:Basics of Finite Element Analysis - II	Y	Y	Y	1.8
81	112107209	40	NOC:Engineering Economic Analysis	Y	Y	Y	11
82	112107208	40	NOC:Refrigeration and Air-Conditioning	Y	Y	Y	9.6
83	112107207	20	NOC:Two Phase Flow and Heat Transfer	Y	Y	Y	3.9
84	112106200	34	NOC:Fluid Dynamics and Turbomachines	Y	Y	Y	15
85	112103202	19	NOC:Advanced Machining Processes	Y	Y	Y	6.9
86	112105211	20	NOC:Computer Numerical Control (CNC) of Machine Tools and Processes	Y	Y	Y	4.5

87	112106179	44	Metrology	Y	Y	Y	29
88	112107083	40	Metal Casting	Y	Y	Y	28
89	112108212	40	NOC:Heat Transfer and Combustion in Multiphase Systems	Y	Y	Y	7.9
90	112108211	72	NOC:Compliant Mechanisms: Principles and Design	Y	Y	Y	16
91	112107212	40	NOC:Introduction to Mechanical Vibration	Y	Y	Y	11
92	112107216	40	NOC:Steam and Gas Power Systems	Y	Y	Y	9.3
93	112107215	40	NOC:Principles of Casting Technology	Y	Y	Y	11
94	112107214	40	NOC:Modelling and Simulation of Dynamic Systems	Y	Y	Y	9.4
95	112107213	60	NOC:Joining Technologies of Metals	Y	Y	Y	7.8
96	112105212	20	NOC:Non Traditional Abrasive Machining Processes - Ultrasonic, Abrasive Jet and Abrasive Water Jet Machining	Y	Y	Y	5.4
97	112107217	20	NOC:Product Design and Development	Y	Y	Y	5.7
98	112107211	20	NOC:Convective Heat Transfer	Y	Y	Y	5.7
99	112105218	60	NOC:Introduction to Fluid Mechanics	Y	Y	Y*	17
100	112104212	72	NOC:Fundamentals of Acoustics	Y	Y	Y	3.1
101	112104211	21	NOC:Principles of Vibration Control	Y	Y	Y	1.6
102	112104219	40	NOC:Heat Treatment and Surface Hardening - II	Y	Y	Y	4.4
103	112104220	50	NOC:Phase Transformation in Materials	Y	Y	Y	3.3
104	112107219	60	NOC:Fundamentals of Manufacturing Processes	Y	Y	Y	17
105	112106222	42	NOC:Micro and Nano Scale Energy Transport	Y	Y	Y	34
106	112104221	31	NOC:Manufacturing of Composites	Y	Y	Y	2.5
107	112104222	54	NOC:Applied Ergonomics	Y	Y	Y	4.7
108	112106223	40	NOC:Electron Diffraction and Imaging	Y	Y	Y	31
109	112106225	42	NOC:Acoustic and Noise Control	Y	Y	Y	21
110	112104225	30	NOC:Sustainability through Green Manufacturing Systems: An Applied Approach	Y	Y	Y	4.4
111	112107220	40	NOC:Modelling and Simulation of Discrete Event System	Y	Y	Y	11
112	112107221	40	NOC:Processing of Polymers and Polymer Composites	Y	Y	Y	11
113	112106226	49	NOC:Steel Quality: Role of Secondary Refining and Continuous Casting	Y	Y	Y	16
114	112106227	40	NOC:X-ray Crystallography and Diffraction	Y	Y	Y	24
115	112104227	72	NOC:Noise Management and Control	Y	Y	Y	4.0
116	112105219	20	NOC:Spur and Helical Gear Cutting	Y	Y	Y	5.7
117	112105220	21	NOC:Laws of Thermodynamics	Y	Y	Y	6.8
118	112105221	68	NOC:Energy Conservation and Waste Heat Recovery	Y	Y	Y	17
119	112105233	21	NOC:Metal Cutting and Machine Tools	Y	Y	Y	6.4
120	112104230	50	NOC:Product Design and Manufacturing	Y	Y	Y	24
121	112106237	33	NOC:Transport Phenomena in Materials	Y	Y	Y	11
122	112105234	45	NOC:Gear and Gear Unit Design: Theory and Practice	Y	Y	Y	11
123	112105235	45	NOC:Traditional and Non-Traditional Optimization Tools	Y	Y	Y	11

124	112104228	32	NOC:Design Practice	Y	Y	Y	8.4
125	112105236	40	NOC:Mechanism and Robot Kinematics	Y	Y	Y	12
126	112103244	23	NOC:Advances in Welding and Joining Technologies	Y	Y	Y	12
127	112107240	40	NOC:Automatic Control	Y	Y	Y	11
128	112107241	60	NOC:Failure Analysis and Prevention	Y	Y	Y	15
129	112107242	40	NOC:Mechanical Measurement System	Y	Y	Y	12
130	112103245	27	NOC:Introduction to Machining and Machining Fluids	Y	Y	Y	9.9
131	112107238	60	NOC:Operations Management	Y	Y	Y	4.1
132	112104229	72	NOC:Introduction To Composites	Y	Y	Y	14
133	112108246	60	NOC:Convective Heat Transfer (2018)	Y	Y	Y	14
134	112103243	30	NOC:Fundamentals of Nuclear Power Generation	Y	Y	Y	6.9
135	112105232	60	NOC:Machinery Fault Diagnosis and Signal Processing	Y	Y	Y	15
136	112105231	63	NOC:Introduction to Mechanical Micro Machining	Y	Y	Y	16
137	112107239	60	NOC:Theory of Production Processes	Y	Y	Y	17
138	112106247	37	NOC:Experimental Stress Analysis: An Overview	Y	Y	Y	62
139	112102248	15	NOC:RAC Product Design	Y	Y	Y	9.6
140	112103248	20	NOC:Mechanics of Machining	Y	Y	Y	6.2
141	112103249	58	NOC:Principle of Hydraulic Machines and System Design	Y	Y	---	8.4
142	112103250	25	NOC:Introduction to Abrasive Machining and Finishing Processes	Y	Y	Y	18
143	112103251	14	NOC:Theory of Rectangular Plates - Part I	Y	Y	Y	3.8
144	112104248	40	NOC:Phase Equilibria in Materials-Nature and Properties of Materials-II	Y	Y	Y	7.6
145	112104249	72	NOC:Advanced Composites	Y	Y	Y	8.4
146	112104250	52	NOC:Engineering Metrology	Y	Y	Y	18
147	112104251	19	NOC:Smart Materials and Intelligent System Design	Y	Y	Y	7.7
148	112104252	37	NOC:Design Practice-II	Y	Y	Y	7.0
149	112105248	66	NOC:Heat Exchangers: Fundamentals and Design Analysis	Y	Y	Y	18
150	112105249	45	NOC:Robotics	Y	Y	Y	11
151	112106248	50	NOC:Mechanics of Human Movement	Y	Y	Y	53
152	112106249	41	NOC:Design for Quality, Manufacturing and Assembly	Y	Y	Y	35
153	112106250	19	NOC:Surrogates and Approximations in Engineering Design	Y	Y	Y	14
154	112107248	60	NOC:Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations	Y	Y	Y	8.5
155	112107249	60	NOC:Work System Design	Y	Y	Y	19
156	112107250	40	NOC:Principles of Metal Forming Technology	Y	Y	Y	7.8
157	112102255	54	NOC:Thermodynamics	Y	Y	Y	32
158	112103261	33	NOC:Principles of Mechanical Measurement	Y	Y	Y	16
159	112103262	50	NOC:IC Engines and Gas Turbines	Y	Y	Y	21
160	112103263	24	NOC:Fundamental of Welding Science and Technology	Y	Y	Y	13
161	112103264	15	NOC:Polymer Assisted Abrasive Finishing Processes	Y	Y	Y	11

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162	112104265	44	NOC:Rapid Manufacturing	Y	Y	Y	27
163	112105266	68	NOC:Concepts of Thermodynamics	Y	Y	Y	19
164	112105267	40	NOC:Electronic Packaging and Manufacturing	Y	Y	Y	10
165	112105268	40	NOC:Kinematics of Mechanisms and Machines	Y	Y	Y	11
166	112107256	40	NOC:Radiative Heat Transfer	Y	Y	Y	7.3
167	112107257	40	NOC:Weldability of Metals	Y	Y	Y	5.3
168	112107258	40	NOC:Manufacturing Guidelines for Product Design	Y	Y	Y	13
169	112107259	20	NOC:Inspection and Quality Control in Manufacturing	Y	Y	Y	4.5
170	112107260	60	NOC:Financial Mathematics	Y	Y	Y	9.7
171	112105269	60	NOC:Introduction to Fluid Mechanics (2019)	Y	Y	Y	16
172	112106270	37	Theory of Mechanism	Y	Y	---	90
173	112102284	32	NOC:Solid Mechanics	Y	Y	Y	26
174	112103273	38	NOC:Mathematical Modeling of Manufacturing Processes	Y	Y	Y	25
175	112103274	8	NOC:Two-Phase flow with phase change in conventional and miniature channels	Y	Y	Y	5.0
176	112103275	36	NOC:Applied Thermodynamics For Engineers	Y	Y	Y	27
177	112103276	33	NOC:Fundamentals of Conduction and Radiation	Y	Y	Y	22
178	112103277	33	NOC:Steam Power Engineering	Y	Y	Y	8.5
179	112103278	45	NOC:Dynamic Behaviour of Materials	Y	Y	Y	14
180	112103279	36	NOC:Plastic Working of Metallic Materials	Y	Y	Y	9.9
181	112103280	34	NOC:Fundamentals of Artificial Intelligence	Y	Y	Y	17
182	112103281	42	NOC:Aircraft Propulsion	Y	Y	Y	12
183	112104272	60	NOC:Turbulent Combustion: Theory and Modelling	Y	Y	Y	26
184	112104288	20	NOC:Manufacturing Automation	Y	Y	Y	8.4
185	112105287	59	NOC:Advanced Concepts in Fluid Mechanics	Y	Y	Y	28
186	112106286	37	NOC:Engineering Mechanics	Y	Y	Y	127
187	112107282	20	NOC:Product Design Using Value Engineering	Y	Y	Y	9.1
188	112107283	20	NOC:Selection of Nanomaterials for Energy Harvesting and Storage Application	Y	Y	Y	4.8
189	112108285	25	NOC:A Short Lecture Series on Contour Integration in the Complex Plane	Y	Y	Y	3.5
190	112105254	60	NOC:Computational Fluid Dynamics	---	Y	---	5.9
191	112105271	65	NOC:Conduction and Convection Heat Transfer	Y	Y	---	11
192	112106253	55	NOC: Steel Quality: Role of Secondary Refining and Continuous Casting	---	Y	Y	4.9
193	112107290	39	NOC:Acoustic Metamaterials	Y	Y	Y	6.8
194	112103289	37	NOC:Computational Fluid Dynamics for Incompressible Flows	Y	Y	Y	22
195	112104289	50	NOC:Computer Integrated Manufacturing	Y	Y	Y	40
196	112103290	43	NOC:Experimental Methods in Fluid Mechanics	Y	Y	Y	14
197	112106289	34	NOC:Foundations of Computational Materials Modelling	Y	Y	Y	29

198	112106290	33	NOC:Fundamentals of Combustion for Propulsion	Y	Y	Y	26
199	112108289	43	NOC:Introduction to Soft Matter	Y	Y	Y	5.2
200	112104290	20	NOC:Machining Science	Y	Y	Y	9.4
201	112107291	40	NOC:Power Plant Engineering	Y	Y	Y	3.9
202	112107292	60	NOC:Principles of Industrial Engineering	Y	Y	Y	5.8
203	112107289	40	NOC:Robotics and Control: Theory and Practice	Y	Y	Y	3.4
204	112103293	38	NOC:Automation in Manufacturing	Y	Y	Y	8.4
205	112106293	67	NOC:Basics of Materials Engineering	Y	Y	Y	11
206	112103296	40	NOC:Computational Continuum Mechanics	Y	Y	Y	6.6
207	112106294	42	NOC:Computational Fluid Dynamics using Finite Volume Method	Y	Y	Y	7.7
208	112105294	65	NOC:Engineering Drawing and Computer Graphics	Y	Y	Y	17
209	112103295	35	NOC:Finite Element Method: Variational Methods to Computer Programming	---	Y	---	5.5
210	112104293	14	NOC:Foundations of Cognitive Robotics	Y	Y	Y	7.6
211	112103294	31	NOC:Fundamentals of Compressible Flow	Y	Y	Y*	4.5
212	112103297	43	NOC:Fundamentals of Convective Heat Transfer	Y	Y	Y	8.8
213	112105293	40	NOC:High Performance Computing for Scientists and Engineers	Y	Y	Y	24
214	112101298	67	NOC:Optimization from Fundamentals	Y	Y	---	5.4
215	112102298	29	NOC:Introduction to Uncertainty Analysis and Experimentation	Y	Y	Y	5.0
216	112103298	28	NOC:Theory of Composite Shells	Y	Y	Y	3.1
217	112103299	40	NOC:Finite Element Modeling of Welding Processes	Y	Y	---	7.6
218	112103300	36	NOC:Nonlinear Vibration	Y	Y	---	4.7
219	112103301	26	NOC:Evolutionary Computation for Single and Multi Objective Optimization	Y	Y	Y	4.7
220	112103302	44	NOC:Viscous Fluid Flow	Y	Y	---	5.3
221	112104298	28	NOC:Introduction to Robotics	---	Y	---	2.9
222	112104299	47	NOC:Muffler Acoustics - Application to Automotive Exhaust Noise Control	Y	Y	Y	5.9
223	112104300	35	NOC:Elements of Solar Energy Conversion	Y	Y	Y	9.5
224	112104301	20	NOC:Manufacturing Processes - Casting and Joining	Y	Y	Y	3.2
225	112104302	26	NOC:Computational Fluid Dynamics and Heat Transfer	Y	Y	---	3.7
226	112105299	43	NOC:Tools in Scientific Computing	Y	Y	---	6.7
227	112106298	46	NOC:Wheeled Mobile Robots	Y	Y	Y	3.7
228	112106299	61	NOC:Fundamentals of Combustion	Y	Y	Y	11
229	112106300	96	NOC:Oil Hydraulics and Pneumatics	Y	Y	---	7.9
230	112107298	40	NOC:Mechatronics	Y	Y	Y	5.9
231	112108298	42	NOC:Robotics: Basics and Selected Advanced Concepts	Y	Y	Y	3.7
232	112106303	21	Introduction to Turbomachines	---	Y	---	0.7
233	112101304	48	NOC:Design of Mechatronic Systems	Y	Y	Y	4.6
234	112102304	50	NOC:Engineering Graphics and Design	Y	Y	Y	5.5
235	112103305	27	NOC:Welding Application Technology	---	Y	---	4.2

236	112103306	33	NOC:Fundamentals of Additive Manufacturing Technologies	---	Y	---	6.0
237	112103307	44	NOC:Applied Thermodynamics	Y	Y	Y	6.1
238	112104304	33	NOC:Production Technology: Theory and Practice	Y	Y	Y	13
239	112104305	50	NOC:Introduction to Turbomachinery	---	Y	---	3.8
240	112105304	60	NOC:Advanced Dynamics	Y	Y	Y	4.6
241	112105305	44	NOC:Biomechanics of Joints and Orthopaedic Implants	Y	Y	Y	4.5
242	112105306	60	NOC:Elements of Metal Cutting, Machine tools, Gear Cutting and CNC Machining	Y	Y	Y	4.1
243	112106304	45	NOC:Mechanics and Control of Robotic Manipulators	Y	Y	Y	4.3
244	112103308	32	NOC:Mechanics of Fiber Reinforced Polymer Composite Structures	Y	Y	---	6.7
245	112104308	20	NOC:Robot Motion Planning	Y	Y	Y	2.2
246	112105308	60	NOC:Finite Element Method	---	Y	---	6.7
247	112108308	60	NOC:Sound and Structural Vibration	Y	Y	Y	3.9
248	112106309	37	Inverse Methods in Heat Transfer	---	Y	---	11
249	112106310	38	Engineering Thermodynamics (2022)	---	Y	---	3.8
250	112106311	9	Applied Mechanics - Fluid Mechanics Laboratory	---	Y	---	0.7
251	112101312	71	NOC:Nonlinear Adaptive Control	Y	Y	Y	9.3
252	112103312	26	NOC:Laser Based Manufacturing	Y	Y	Y	3.0
253	112103313	32	NOC:Advanced Thermodynamics and Combustion	Y	Y	Y	4.3
254	112104312	47	NOC:Metal Additive Manufacturing	Y	Y	Y	5.8
255	112104313	39	NOC:Conduction and Convection: Fundamentals and Applications	---	Y	---	4.2
256	112106312	53	NOC:Interfacial Fluid Mechanics	---	Y	---	3.8
257	112106314	45	Applied Thermodynamics	---	Y	---	5.3
258	112108312	60	NOC:Vibrations of Plates and Shells	---	Y	---	4.5
259	112108313	32	NOC:Dynamics and Control of Mechanical Systems	Y	Y	Y	3.5
260	112102316	15	NOC:Ideal Fluid Flows using Complex Analysis	Y	Y	Y	1.3
261	112103316	66	NOC:Thermal Engineering: Basic and Applied	Y	Y	Y	12
262	112104316	30	NOC:Advanced Robotics	---	Y	Y	3.2
263	112105316	40	NOC:Product Engineering and Design Thinking	Y	Y	Y	4.7
264	112106316	67	NOC:Inverse Methods in Heat Transfer	Y	Y	---	4.7
265	112108316	43	NOC:Optical Methods for Solid and Fluid Mechanics	Y	Y	---	3.8
266	112108317	59	NOC:Statistical Thermodynamics for Engineers	Y	Y	Y	3.6
267	112102318	46	NOC:Experimental Modal Analysis	---	Y	---	11
268	112102319	53	NOC:Mechanical Behavior of Polymers and Composites	---	Y	---	5.0
269	112104318	127	NOC:Applied Numerical Methods	---	Y	---	4.0
270	112104319	52	NOC:Social Innovation in Industry 4.0	Y	Y	Y	6.2
271	112105318	68	NOC:Microfluidics and Nanofluidics	---	Y	---	19
272	112105319	50	NOC:Industrial Robotics: Theories for Implementation	Y	Y	Y	6.3
273	112106318	89	NOC:Sustainable Energy Technology	---	Y	---	8.0

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274	112106319	39	NOC:Strength of Materials - IITM	Y	Y	Y	9.9
275	112106320	70	NOC:Engineering Thermodynamics	---	Y	---	7.9
276	112106321	61	NOC:Theory of Fire Propagation (Fire Dynamics)	Y	Y	Y	8.5
277	112101429	73	NOC:Nonlinear Control Design	Y	Y	---	6.0
278	112102428	36	NOC:Data-Enabled Tribological Engineering: From Experiments to Predictive Models	---	Y	---	12
279	112103420	21	NOC:Mechanics of Sheet Metal Forming	Y	Y	Y	3.2
280	112103421	34	NOC:Power Plant System Engineering	Y	Y	Y	4.6
281	112103427	23	NOC:Introduction to Solidification Processing	---	Y	---	3.4
282	112104418	55	NOC:Engineering Thermodynamics in Hindi	Y	Y	Y	4.7
283	112104425	33	NOC:Advanced Machining Processes (2024)	Y	Y	Y	5.5
284	112105422	40	NOC:Cryogenic Hydrogen Technology	Y	Y	Y	3.1
285	112105423	60	NOC:Industrial Hydraulics and Automation	---	Y	---	5.5
286	112106419	72	NOC:Applied Thermodynamics (2024)	---	Y	---	8.2
287	112106424	34	NOC:Design of Mechanical Transmission Systems	Y	Y	Y	5.4
288	112106315	41	Heat Transfer (Dr. C. Balaji)	---	Y	---	6.4
289	112104197	96	Manufacturing Systems Technology - I and II	---	Y	Y	15
290	112106322	5	Data-Driven Models for Unsteady Fluid Flow	---	Y	Y	1.2
291	112103528	50	NOC:Materials Processing (Casting, Forming and Welding)	---	Y	---	11
292	112104526	50	NOC:Basics of Mechanical Engineering - 1	Y	Y	Y	7.3
293	112106453	74	NOC:Turbulence Modeling	Y	Y	Y	7.6
294	112107539	60	NOC:Mechanics	Y	Y	Y	6.4
295	112108527	61	NOC:Fundamentals of Acoustics (2024)	---	Y	---	5.6
296	112101623	18	NOC:Navigating the Latest Trends in Additive Manufacturing Landscape	---	Y	---	2.2
297	112103617	45	NOC:Engine System and Performance	Y	Y	---	17
298	112103618	54	NOC:Fundamentals of Thermo-Mechanical and Fatigue Analysis of Welded Structure	---	Y	Y	9.6
299	112104616	51	NOC:Basics of Mechanical Engineering - II	Y	Y	Y	8.8
300	112104620	22	NOC:Advanced Robotics Applications	---	Y	Y	6.8
301	112105621	37	NOC:COBOTS: Theory and Practice	Y	Y	Y	5.7
302	112106622	41	NOC:Manufacturing of Turbines (Gas, Steam, Hydro and Wind)	Y	Y	---	4.3
303	112107619	59	NOC:Noise Control in Mechanical Systems	Y	Y	---	15
304	112108615	60	NOC:Advanced Measurement Techniques in Fluid Mechanics and Heat Transfer	Y	Y	Y	4.7
305	112102773	36	NOC:Design of Precision Machines	---	Y	---	5.4
306	112103774	60	NOC:Industrial Engineering and Operations Research	---	Y	---	6.5
307	112104769	53	NOC:Basics of Mechanical Engineering - 3	Y	Y	Y	7.4
308	112105770	60	NOC:Applied Elasticity	Y	Y	Y	5.5
309	112105771	60	NOC:Fundamentals of Heat Transfer	---	Y	---	7.9

310	112106768	42	NOC:Advanced Fluid Mechanics	Y	Y	Y	12
311	112106772	60	NOC:Microrobotics	Y	Y	Y	13
312	112107767	60	NOC:Material Processing (Metallurgical Aspects): Fundamental and Practical	Y	Y	Y	9.7
313	112101906	62	NOC:Essentials of Turbulence	---	Y	---	8.8
314	112101907	71	NOC:Convective Heat Transfer: Fundamentals and Some Applications	---	Y	---	13
315	112105908	60	NOC:Finite Element Method in Thermal Engineering	---	Y	---	21
316	112105909	60	NOC:Gas Turbines and Jet Engines	---	Y	---	5.9
317	112105910	56	NOC:Computer Integrated Manufacturing: From Concept to Implementation	---	Y	---	6.7
318	112106911	52	NOC:Microhydrodynamics	---	Y	---	12
319	112106912	60	NOC:Foundations of Continuum Mechanics	---	Y	---	5.1
320	112106913	60	NOC:Autotronics	---	Y	Y	13
321	112106914	61	NOC:Advanced Refrigeration Systems	---	Y	---	9.9
322	112101003	61	NOC:Heat Transfer	---	Y	---	6.1
323	112102001	60	NOC:Geophysical Fluid Dynamics	---	Y	---	6.9
324	112104001	60	NOC:Fundamentals of Casting and Solidification	---	Y	---	4.7
325	112104002	43	NOC:Material Selection for Mechanical Design	---	Y	---	5.9
326	112106002	76	NOC:Microfluidics and Microsystems	---	Y	---	12
327	112106003	43	NOC:Foundations of Fluid Mechanics	---	Y	---	20
328	112106004	61	NOC:Laser-Assisted Measurements and Micro Manufacturing	---	Y	---	12
329	112106005	40	NOC:Thermal Management of Electronics	---	Y	---	5.6
Discipline : Metallurgy and Material Science Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/metallurgy-and-material-science.pdf							
1	113104006	41	Electroceramics	Y	Y	Y	18
2	113104008	40	Fuels Refractory and Furnaces	Y	Y	Y	7.5
3	113104009	39	Introduction to Biomaterials	Y	Y	Y	15
4	113104010	40	Materials and Energy balance in Metallurgical Processes	Y	Y	Y	14
5	113104012	40	Optoelectronic Materials and Devices	Y	Y	Y	12
6	113104013	42	Steel Making	Y	Y	Y	16
7	113104014	45	Structure of Materials	Y	Y	Y	20
8	113104061	41	Environmental Degradation of Materials	Y	Y	Y	18
9	113105015	47	Advanced ceramics for strategic applications	Y	Y	Y	14
10	113105021	43	Non-ferrous Extractive Metallurgy	Y	Y	Y	20
11	113105024	42	Principles of Physical Metallurgy	Y	Y	Y	20
12	113105025	40	Processing of Semiconducting Materials	Y	Y	Y	11
13	113105028	40	Science and Technology of Polymers	Y	Y	Y	11
14	113105057	26	Advanced Materials and Processes	Y	Y	Y	5.3
15	113106031	31	Advanced Metallurgical Thermodynamics	Y	Y	Y	13

16	113106039	40	Physics of Materials	Y	Y	Y	15
17	113106062	40	Electronic Materials, Devices and Fabrication	Y	Y	Y	26
18	113106065	27	NOC:Fundamentals of Electronic Materials and Devices	Y	Y	Y	12
19	113106066	11	NOC:Introduction to Reciprocal Space and its use in Solids	Y	Y	Y	5.1
20	113106067	20	NOC:Analysis and Modeling of Welding	Y	Y	Y	7.8
21	113106064	22	NOC:Fundamentals of optical and scanning electron microscopy	Y	Y	Y	12
22	113104068	61	NOC:Phase Diagrams in Materials Science and Engineering	Y	Y	Y	3.6
23	113104004	33	Advanced Characterization Techniques	Y	Y	Y	22
24	113106034	54	Materials Characterization	Y	Y	Y	30
25	113108071	40	NOC:Biomaterials for Bone Tissue Engineering Applications	Y	Y	Y	9.7
26	113104073	40	NOC:Fundamentals of Material Processing - I	Y	Y	Y*	3.2
27	113104074	40	NOC:Heat Treatment and Surface Hardening - I	Y	Y	Y	3.1
28	113101072	87	NOC:Phase Field Modelling: The Materials Science, Mathematics and Computational Aspects	Y	Y	Y	18
29	113103072	17	NOC:Introduction to Crystal Elasticity and Crystal Plasticity	Y	Y	Y	8.2
30	113106070	40	NOC:Theory and Practice of Non Destructive Testing	Y	Y	Y	15
31	113107075	40	NOC:Surface Engineering of Nanomaterials	Y	Y	Y	11
32	113106075	35	NOC:Defects in Materials	Y	Y	Y	27
33	113104075	41	NOC:Fundamentals of Material Processing - Part 2	Y	Y	Y	4.1
34	113108079	39	NOC:Iron Making	Y	Y	Y	11
35	113102080	147	NOC:Introduction to Materials Science and Engineering	Y	Y	Y	36
36	113107078	40	NOC:Material Science and Engineering	Y	Y	Y	9.2
37	113105077	47	NOC:Principles of Polymer Synthesis	Y	Y	Y	14
38	113104076	40	NOC:Nature and Properties Of Materials - An Introductory Course	Y	Y	Y	10
39	113104081	40	NOC:Defects in Crystalline Solids - Part I	Y	Y	Y	16
40	113104082	41	NOC:Corrosion - Part I	Y	Y	Y	5.9
41	113105081	60	NOC:Advanced Materials and Processes	Y	Y	Y	17
42	113106081	19	NOC:Elementary Stereology for Quantitative Metallography	Y	Y	Y	24
43	113106082	20	NOC:Welding of Advanced High Strength Steels for Automotive Applications	Y	Y	Y	18
44	113107081	20	NOC:Structural Analysis of Nanomaterials	Y	Y	Y	5.6
45	113104084	41	NOC:Solar Photovoltaics: Principles, Technologies and Material	Y	Y	Y	16
46	113104085	17	NOC:Defects in Crystalline Solids - Part II	Y	Y	Y	9.2
47	113105086	60	NOC:Surface Engineering for Corrosion and Wear Resistance Application	Y	Y	Y	17
48	113106087	59	NOC:Welding Processes	Y	Y	Y	66
49	113106088	24	NOC:Creep Deformation of Materials	Y	Y	Y	27
50	113108083	40	NOC:Friction and Wear of Materials: Principles and Case Studies	Y	Y	Y	6.7
51	113104089	41	NOC:Corrosion - Part II	Y	Y	Y	11
52	113104090	40	NOC:Fundamentals and Applications of Dielectric Ceramics	Y	Y	Y	13
53	113106093	25	NOC:Nanotechnology, Science and Applications	Y	Y	Y	54

54	113107091	40	NOC:Thermo-Mechanical and Thermo-Chemical Processes	Y	Y	Y	7.5
55	113107092	60	NOC:Welding Metallurgy	Y	Y	Y	8.3
56	113101096	99	NOC:Dealing with Materials Data:Collection, Analysis and Interpretation	Y	Y	Y	46
57	113104097	51	NOC:Diffusion in Multicomponent Solids (2020.S1)	Y	Y	Y	30
58	113107096	40	NOC:Modeling of Tundish Steelmaking Process in Continuous Casting	Y	Y	Y	5.2
59	113104096	40	NOC:Properties of Materials (Nature and Properties of Materials-III)	Y	Y	Y	9.7
60	113106069	27	NOC:Fundamentals of X-ray Diffraction and Transmission Electron Microscopy	Y	Y	Y	9.2
61	113101098	34	NOC:Aqueous Corrosion and its Control	Y	Y	Y	27
62	113105098	60	NOC:Ironmaking and Steelmaking	Y	Y	Y	33
63	113106098	60	NOC:Powder Metallurgy	Y	Y	Y	4.7
64	113101099	14	NOC:Cathodic Protection Engineering	Y	Y	Y	2.3
65	113105099	60	NOC:Non-Metallic Materials	Y	Y	Y	6.0
66	113105100	43	NOC:Scanning Electron/Ion/Probe Microscopy in Materials Characterization	---	Y	---	4.9
67	113106099	59	NOC:Carbon Materials and Manufacturing	Y	Y	Y	6.1
68	113104101	42	NOC:Corrosion Failures and Analysis	Y	Y	Y	4.2
69	113104102	29	NOC:Nanomaterials and their Properties	Y	Y	Y	2.8
70	113105101	60	NOC:Techniques of Material Characterization	Y	Y	Y	9.0
71	113105102	60	NOC:Electrochemical Energy Storage	Y	Y	Y	6.3
72	113105103	56	NOC:Texture in Materials	Y	Y	Y	9.9
73	113106101	64	NOC:Mechanical Behavior of Materials	Y	Y	Y	4.2
74	113104104	45	NOC:Mechanical Behaviour of Materials - Part I	Y	Y	Y	3.4
75	113105104	60	NOC:Bulk Material Transport and Handling Systems	Y	Y	---	11
76	113104105	27	NOC:Mechanical Behaviour of Materials - Part II	---	Y	Y	2.4
77	113104106	40	NOC:Electronic Properties of the Materials: Computational Approach	Y	Y	Y	3.5
78	113105105	60	NOC:Environmental Degradation and Surface Engineering	---	Y	---	9.0
79	113105106	60	NOC:Fracture, Fatigue and Failure of Materials	Y	Y	Y	5.8
80	113105107	60	NOC:Mine Closure and Sustainability Planning	---	Y	---	11
81	113106105	60	NOC:Aluminium based Alloys and Metal Matrix Composites	---	Y	---	3.1
82	113106106	26	NOC:Welding Science and Technology (In Tamil)	---	Y	---	2.9
83	113102108	93	NOC:Crystals, Symmetry and Tensors	Y	Y	---	5.6
84	113104108	41	NOC:Corrosion Protection Methods	---	Y	---	4.6
85	113102109	35	NOC:Corrosion/Environmental Degradation/Surface Engineering	Y	Y	Y	9.6
86	113105109	60	NOC:Fundamentals of Composite and Cellular Materials	---	Y	---	5.9
87	113106109	38	NOC:Thermodynamics and Kinetics of Materials	Y	Y	---	7.8
88	113105441	60	NOC:Principles of Extractive Metallurgy	---	Y	---	9.7
89	113104516	45	NOC:Phase Diagrams in Single Component and Binary Systems in Bengali	---	Y	---	7.0
90	113104517	78	NOC:Artificial Intelligence and Machine Learning in Materials	---	Y	Y	10

			Engineering				
91	113104529	41	NOC:Metallurgical and Electronic Waste Recycling	Y	Y	Y	6.4
92	113108515	56	NOC:Materials Design for Electronic, Electromechanical and Optical Functions	---	Y	---	16
93	113104634	64	NOC:Crystal Symmetry, X-Ray Diffraction and Physical Properties	Y	Y	---	4.2
94	113104636	63	NOC:Mechanical Behavior of Materials (Hindi)	Y	Y	---	4.3
95	113105633	60	NOC:Clean Coal Technology	Y	Y	Y	11
96	113106635	60	NOC:Diffusion in Solids	---	Y	---	8.2
97	113108631	52	NOC:Advanced Manufacturing and Process Modelling	---	Y	---	7.6
98	113108632	60	NOC:Advances in Additive Manufacturing of Materials: Current Status and Emerging Opportunities	Y	Y	Y	13
99	113104761	70	NOC:Introductory Materials Informatics	---	Y	---	11
100	113104775	63	NOC:Phase Diagrams in Single Component and Binary Systems	Y	Y	Y	7.3
101	113106776	60	NOC:Computational Thermodynamics and Kinetics of Materials	---	Y	Y	5.0
102	113108760	46	NOC:Advanced Material Characterization by Atom Probe Tomography and Electron Microscopy	Y	Y	Y	6.2
103	113106924	39	NOC:Transmission Electron Microscopy: Theory of Imaging to Advanced Applications	---	Y	---	11
104	113108922	50	NOC:Materials Informatics	---	Y	Y	8.4
105	113104001	65	NOC:Deep Learning in Material Science and Engineering: From Concepts to Applications	---	Y	---	13
106	113104002	63	NOC:Fundamentals of Corrosion (in Bengali)	---	Y	---	8.9
107	113105001	60	NOC:Ventilation and Climate Control	---	Y	---	8.3
108	113106001	70	NOC:Phase Diagrams and Phase Transformations Ceramic Systems	---	Y	---	12
109	113106002	60	NOC:Stainless Steel Technology	---	Y	---	21
110	113106003	36	NOC:Computational Methods in Materials Science and Engineering	---	Y	---	13
111	113108001	57	NOC:Principles of Functional Materials Synthesis	---	Y	---	19
Discipline : Ocean Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/ocean-engineering.pdf							
1	114105002	49	Elements of Ocean Engineering	Y	Y	Y	12
2	114105003	40	Hydrostatics and Stability	Y	Y	Y	19
3	114105004	41	Marine Construction and Welding	Y	Y	Y	8.6
4	114105005	40	Marine Hydrodynamics	Y	Y	Y	12
5	114105006	40	Seakeeping and Manoeuvring	Y	Y	Y	8.6
6	114105029	27	Applied Thermodynamics for Marine Systems	Y	Y	Y	5.6
7	114105030	40	Performance of Marine Vehicles at Sea	Y	Y	Y	11
8	114105031	36	Strength and Vibration of Marine Structures	Y	Y	Y	5.2
9	114106011	42	Design of Offshore Structures	Y	Y	Y	16
10	114106015	33	Foundation for Offshore Structures	Y	Y	Y	11
11	114106017	35	Health,Safety and Environmental Management in Petroleum	Y	Y	Y	8.0

			and Offshore Engineering				
12	114106025	48	Port and Harbour Structures	Y	Y	Y	30
13	114106026	17	Ship Resistance and Propulsion	Y	Y	Y	6.6
14	114106032	37	Coastal Engineering	Y	Y	Y	14
15	114106033	25	Wave Hydrodynamics	Y	Y	Y	9.8
16	114106035	38	Ocean Structures and Materials	Y	Y	Y	12
17	114106036	49	Dynamics of Ocean Structures	Y	Y	Y	20
18	114106037	53	Advanced Marine Structures	Y	Y	Y	21
19	114106038	47	NOC:Dynamics of Ocean Structures	Y	Y	Y	23
20	114106039	37	NOC:Health, Safety and Environmental Management in Offshore and Petroleum Engineering	Y	Y	Y	8.1
21	114106042	55	NOC:HSE for offshore and petroleum engineers	Y	Y	Y	24
22	114106041	58	NOC:Risk and Reliability of offshore structures	Y	Y	Y	25
23	114106043	53	NOC:Offshore Structures Under Special Loads Including Fire Resistance	Y	Y	Y	33
24	114106045	118	NOC:Computer Methods Of Structural Analysis of Offshore Structures	Y	Y	Y	103
25	114105044	65	NOC:Water Economics and Governance	Y	Y	Y	16
26	114106046	84	NOC:Structural Health Monitoring	Y	Y	Y	67
27	114105047	40	NOC:Marine Propulsion	Y	Y	Y	3.2
28	114105048	60	NOC:Numerical Ship and Offshore Hydrodynamics	Y	Y	Y	4.7
29	114106047	64	NOC:Advanced Design of Steel Structures	Y	Y	Y	7.3
30	114106443	73	NOC:Surface Facilities for Oil and Gas Handling	Y	Y	Y	6.9
31	114106049	7	Marine Instrumentation - Laboratory	---	Y	---	1.3
32	114106534	80	NOC:Marine Engineering	Y	Y	---	15
33	114105638	60	NOC:Seakeeping of Ships and Offshore Structures	---	Y	---	7.8
34	114106742	39	FEM Applied to Ocean Engineering	---	Y	---	8.9
Discipline : Physics Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/physics.pdf							
1	115101005	40	Electromagnetic Theory (Prof. D.K. Ghosh)	Y	Y	Y	29
2	115101011	24	Special Theory of Relativity	Y	Y	Y	22
3	115102014	42	Electronics	Y	Y	Y	19
4	115102020	42	Fundamentals and Applications	Y	Y	Y	19
5	115102022	42	Quantum Electronics	Y	Y	Y	17
6	115102023	42	Quantum Mechanics and Applications	Y	Y	Y	19
7	115102026	46	Semiconductor Optoelectronics	Y	Y	Y	32
8	115104043	43	Nuclear Physics: Fundamentals and Applications	Y	Y	Y	12
9	115104088	78	NOC:Introduction to Electromagnetism	Y	Y	Y	2.1
10	115105046	40	Astrophysics and Cosmology	Y	Y	Y	9.7

11	115106057	40	Special / Select Topics in Atomic Physics	Y	Y	Y	16
12	115106058	39	Classical Field Theory	Y	Y	Y	17
13	115106059	29	Topics in Nonlinear Dynamics	Y	Y	Y	15
14	115106061	58	Condensed Matter Physics	Y	Y	Y	18
15	115106065	38	Quantum Field Theory	Y	Y	Y	27
16	115106066	41	Quantum Mechanics I	Y	Y	Y	20
17	115106068	40	Special / Select Topics in Classical Mechanics	Y	Y	Y	13
18	115106085	46	Special / Select Topics in the Theory of Atomic Collisions and Spectroscopy	Y	Y	Y	14
19	115106086	36	Selected Topics in Mathematical Physics	Y	Y	Y	24
20	115106090	43	NOC: Mechanics, heat oscillations and waves	Y	Y	Y	12
21	115108074	45	Relativistic Quantum Mechanics	Y	Y	Y	26
22	115106087	30	Nuclear Reactors and Safety- An Introduction	Y	Y	Y	16
23	115106089	29	Physical Applications of Stochastic Processes	Y	Y	Y	27
24	115106091	36	Nonequilibrium Statistical Mechanics	Y	Y	Y	32
25	115104094	100	NOC:Engineering Mechanics	Y	Y	Y	3.8
26	115101092	46	NOC:Quantum Information and Computing	Y	Y	Y	19
27	115107095	40	NOC:Fiber Optics	Y	Y	Y	11
28	115104095	23	NOC:Computational Science and Engineering Using Python	Y	Y	Y	2.2
29	115104096	55	NOC:Introductory Quantum Mechanics	Y	Y	Y	2.3
30	115105097	60	NOC:Mathematical Methods in Physics - I	Y	Y	Y	17
31	115105098	60	NOC:Classical Mechanics: from Newtonian to Lagrangian Formulation	Y	Y	Y	16
32	115105099	75	NOC:Solid State Physics	Y	Y	Y	25
33	115103102	25	NOC:Advanced Condensed Matter Physics	Y	Y	Y	2.6
34	115105100	60	NOC:Atomic and Molecular Physics	Y	Y	Y	18
35	115103101	44	NOC:Nuclear and Particle Physics	Y	Y	Y	8.7
36	115102103	45	Semiconductor Optoelectronics (Repurposed)	Y	Y	Y	36
37	115101104	48	NOC:Theory of Groups for Physics Applications	Y	Y	Y	39
38	115103104	33	NOC:Advanced Quantum Mechanics with Applications	Y	Y	Y	7.1
39	115105104	59	NOC:Modern Optics	Y	Y	Y	15
40	115105105	60	NOC:Introduction to Non-linear Optics and its Applications	Y	Y	Y	16
41	115105106	86	NOC:Upstream LNG Technology	Y	Y	Y	16
42	115108104	50	NOC:Control System Design	Y	Y	Y	14
43	115101107	71	NOC:Quantum Mechanics-I	Y	Y	Y	41
44	115103108	17	NOC:A Brief Course on Superconductivity	Y	Y	Y	5.9
45	115104109	87	NOC:Introduction to Solid State Physics	Y	Y	Y*	17
46	115105110	60	NOC:Experimental Physics-I	Y	Y	Y	31
47	115106111	35	NOC:Statistical Mechanics	Y	Y	Y*	106
48	115101117	32	NOC:Path Integral and Functional Methods in Quantum Field Theory	Y	Y	Y	37

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49	115103113	32	NOC:Introduction to Statistical Mechanics	Y	Y	Y	14
50	115103114	24	NOC:Numerical Methods and Simulation Techniques for Scientists and Engineers	Y	Y	Y	19
51	115103115	27	NOC:Theoretical Mechanics	Y	Y	Y	4.3
52	115104112	44	NOC:Physics of Turbulence	Y	Y	Y	20
53	115105120	61	NOC:Experimental Physics - II	Y	Y	Y	31
54	115106118	58	NOC:Computational Physics	Y	Y	Y	42
55	115106119	58	NOC:Waves and Oscillations	Y	Y	Y	33
56	115107116	40	NOC:Solar Photovoltaics Fundamentals, Technology and Applications	Y	Y	Y	6.1
57	115106122	83	NOC:Electromagnetism	Y	Y	Y	16
58	115105122	60	NOC:Electronic Theory of Solids	Y	Y	Y	12
59	115105121	62	NOC:Experimental Physics - III	Y	Y	Y	27
60	115101122	59	NOC:Group Theory Methods in Physics	Y	Y	Y	50
61	115107121	60	NOC:Introduction to Atmospheric and Space Sciences	Y	Y	Y	6.9
62	115107122	20	NOC:Optical Sensors	Y	Y	Y	3.0
63	115101121	62	NOC:Physics of Biological Systems	Y	Y	Y	40
64	115106121	50	NOC:Physics through Computational Thinking	Y	Y	Y	26
65	115106123	67	NOC:Introduction to Classical Mechanics	Y	Y	Y	20
66	115103123	34	NOC:Solar Energy Engineering and Technology	Y	Y	Y	5.1
67	115102124	38	NOC:Introduction to LASER	Y	Y	---	5.6
68	115104124	57	NOC:Introduction to Astrophysical Fluids	Y	Y	Y	6.7
69	115105124	60	NOC:Physics of Linear and Nonlinear Optical Waveguides	Y	Y	Y	5.3
70	115106124	64	NOC:Fluid Dynamics for Astrophysics	Y	Y	---	5.5
71	115106125	33	NOC:Quantum Transport	---	Y	Y	3.6
72	115106126	65	NOC:Statistical Mechanics (2021)	Y	Y	---	4.5
73	115105127	51	NOC:Physics of Renewable Energy Systems	Y	Y	Y	7.2
74	115106127	70	NOC:Solid State Physics	Y	Y	Y	3.2
75	115106128	51	NOC:Introduction to Quantum Field Theory (Theory of Scalar Fields)	Y	Y	Y	3.1
76	115108127	60	NOC:Bonds and Bands in Solids	---	Y	---	5.0
77	115103129	44	NOC:Quantum Technology and Quantum Phenomena in Macroscopic Systems	Y	Y	Y	3.9
78	115105129	60	NOC:Thermal Physics	Y	Y	---	7.6
79	115107129	60	NOC:Advanced Atmospheric Physics	---	Y	---	5.4
80	115107130	40	NOC:Nuclear Astrophysics	Y	Y	Y	5.5
81	115108129	60	NOC:Advanced NMR Techniques in Solution and Solid-State	Y	Y	Y	11
82	115101131	69	NOC:Neutron Scattering for Condensed Matter Studies	Y	Y	---	4.6
83	115101132	72	NOC:Accelerator Physics	---	Y	---	5.7
84	115103131	48	NOC:Dynamics of Classical and Quantum Fields	Y	Y	Y	5.1

85	115105131	40	NOC:Concepts in Magnetism and Superconductivity	---	Y	---	3.4
86	115105132	73	NOC:Foundations of Classical Electrodynamics	Y	Y	Y	5.4
87	115107131	60	NOC:Applied Optics	Y	Y	Y	5.7
88	115106133	39	NOC:Introduction to Quantum Field Theory (Theory of Scalar Fields) - Part 2	Y	Y	---	2.7
89	115103134	22	NOC:Quantum Hall Effects	Y	Y	Y	3.0
90	115104134	62	NOC:Introduction to Electromagnetic Theory (Hindi)	---	Y	---	5.7
91	115104135	71	NOC:Scientific Computing Using Python	---	Y	Y	1.8
92	115105134	50	NOC:Physics of Functional Materials and Devices	Y	Y	Y	5.9
93	115106134	34	NOC:Radio Astronomy	Y	Y	---	5.3
94	115107134	44	NOC:Newtonian Mechanics With Examples	Y	Y	Y	4.9
95	115103444	17	NOC:Quantum Entanglement: Fundamentals, Measures and Applications	Y	Y	Y	1.5
96	115103445	28	NOC:Topology and Condensed Matter Physics	Y	Y	Y	3.6
97	115104446	73	NOC:Tapestry of Field theory: Classical and Quantum, Equilibrium and Nonequilibrium Perspectives	Y	Y	Y	3.1
98	115104448	27	NOC:Coherence and Quantum Entanglement	---	Y	---	1.6
99	115107447	62	NOC:Plasma Physics and Applications	Y	Y	Y	4.7
100	115105451	77	NOC:Fundamentals of Attosecond Science and Technology (FAST)	---	Y	---	7.6
101	115103538	30	NOC:Statistical Physics of Non-Interacting and Interacting Systems	---	Y	---	6.3
102	115104535	58	NOC:Classical Motion of a Single Particle	---	Y	---	8.7
103	115105537	66	NOC:Wave Optics	Y	Y	Y	7.8
104	115106536	34	NOC:Foundations of Quantum Theory: Non-Relativistic Approach	Y	Y	Y	6.1
105	115101639	60	NOC:An Introduction to Lasers and Laser Systems	---	Y	Y	11
106	115101643	60	NOC:The Science of Light Amplification: An Extensive Laser course	---	Y	---	8.2
107	115103640	33	NOC:Elements of Modern Physics	Y	Y	Y	6.5
108	115106641	42	NOC:Foundations of Quantum Theory: Relativistic Approach	Y	Y	Y	9.2
109	115108642	58	NOC:Particle Physics and the Standard Model	---	Y	---	12
110	115101792	72	NOC:Theory and Applications in Thermal and Cold Plasma	---	Y	Y	5.7
111	115102794	32	NOC:Energy Materials and Devices	---	Y	Y	17
112	115103790	30	NOC:Essentials of Quantum Optics	---	Y	---	3.2
113	115105789	48	NOC:Physics of Nanomaterials	---	Y	---	7.9
114	115106793	68	NOC:Introduction to General Relativity	---	Y	---	7.3
115	115108791	62	NOC:Quantum Mechanics in the Relativistic Regime	---	Y	Y	9.3
116	115106925	60	NOC:Quantum Computation and Quantum Information	---	Y	---	6.9
117	115107926	61	NOC:Solar Terrestrial Physics	---	Y	---	8.7
118	115108928	48	NOC:Statistical Mechanics of Phases and Phase Transitions	---	Y	---	19
119	115101001	60	NOC:Nuclear Physics and Particle Physics through Experiments	---	Y	---	7.2
120	115103001	60	NOC:Electroweak Interactions in the Standard Model of Particle Physics	---	Y	---	20

121	115104001	60	NOC:Fundamentals of Solar Photovoltaics and Technologies	---	Y	---	5.5
122	115105001	48	NOC:Biophysics	---	Y	---	8.4
123	115107001	40	NOC:Solar Photovoltaic System Design	---	Y	---	5.9
124	115108001	60	NOC:Quantum Field Theory and Quantum Entanglement	---	Y	---	7.5
125	115108002	49	NOC:Topological Phases of Matter	---	Y	---	11
Discipline : Textile Engineering Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/textile-engineering.pdf							
1	116102034	20	Theory of Yarn Structures	Y	Y	Y	15
2	116104044	40	Natural Dyes	Y	Y	Y	12
3	116102047	40	NOC:Science of Clothing Comfort	Y	Y	Y	28
4	116102048	35	NOC:Yarn Manufacture-I: Principle of Carding and Drawing	Y*	Y	Y*	8.2
5	116102049	40	NOC:Evaluations of Textile Materials	Y	Y	Y	31
6	116102050	24	NOC:Testing of Functional and Technical Textiles	Y	Y	Y	19
7	116102051	24	NOC:Theory of Yarn Structure	Y	Y	Y	20
8	116102052	21	NOC:Advanced Textile Printing Technology	Y	Y	Y	16
9	116102053	34	NOC:Textured Yarn Technology	Y	Y	Y	24
10	116102054	32	NOC:Textile Finishing	Y	Y	Y	27
11	116102055	30	NOC:Principles of Combing, Roving preparation & Ring spinning	---	Y	Y	21
12	116102056	50	NOC:Science and Technology of Weft and Warp Knitting	Y	Y	Y	26
13	116102057	40	NOC:Technical Textiles	Y	Y	Y	37
14	116102058	29	NOC:Textile Product Design and Development	Y	Y	Y	5.6
15	116102059	29	NOC:New Spinning Technologies	Y	Y	Y	4.9
Discipline : Electronics and Communication Engineering Go to Top							
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1	117101001	50	Adv. Digital Signal Processing - Multirate and wavelets	Y	Y	Y	28
2	117101002	41	Advanced Optical Communication	Y	Y	Y	24
3	117101050	32	Broadband Networks: Concepts and Technology	Y	Y	Y	7.7
4	117101051	32	Digital Communication	Y	Y	Y	8.4
5	117101053	41	Information Theory and Coding	Y	Y	Y	19
6	117101056	60	Transmission Lines and EM Waves	Y	Y	Y	14
7	117102012	40	RF Integrated Circuits	Y	Y	Y	18
8	117102059	41	Communication Engineering	Y	Y	Y	11
9	117102060	43	Digital Signal Processing	Y	Y	Y	11
10	117102062	38	Wireless Communication	Y	Y	Y	7.7
11	117103063	40	Basic Electronics	Y	Y	Y	9.7
12	117104074	45	Signals and Systems	Y	Y	Y	8.4
13	117104099	40	Advanced 3G and 4G Wireless Mobile Communications	Y	Y	Y	17
14	117104104	37	Digital Switching	Y	Y	Y	16

15	117105075	41	Adaptive Signal Processing	Y	Y	Y	8.5
16	117105078	28	Digital Computer Organization	Y	Y	Y	4.9
17	117105079	40	Digital Image Processing	Y	Y	Y	8.5
18	117105080	40	Digital Systems Design	Y	Y	Y	8.8
19	117105081	40	Digital Voice and Picture Communication	Y	Y	Y	8.2
20	117105082	32	MEMS and Microsystems	Y	Y	Y	9.2
21	117105084	37	Neural Networks and Applications	Y	Y	Y	8.0
22	117105085	40	Probability and Random Processes	Y	Y	Y	12
23	117105101	40	Pattern Recognition and Application	Y	Y	Y	12
24	117106030	60	Analog IC Design	Y	Y	Y	26
25	117106031	38	Coding Theory	Y	Y	Y	19
26	117106033	57	Semiconductor Device Modeling	Y	Y	Y	39
27	117106034	60	VLSI Data Conversion Circuits	Y	Y	Y	27
28	117106086	40	Digital Circuits and Systems	Y	Y	Y	9.3
29	117106087	38	Electronics for Analog Signal Processing - I	Y	Y	Y	9.6
30	117106088	39	Electronics for Analog Signal Processing - II	Y	Y	Y	9.2
31	117106089	41	High Speed Devices and Circuits	Y	Y	Y	11
32	117106091	42	Solid State Devices	Y	Y	Y	11
33	117106092	55	VLSI Circuits	Y	Y	Y	14
34	117106093	40	VLSI Technology	Y	Y	Y	7.1
35	117106101	21	Basic Electrical Circuits	Y	Y	---	9.9
36	117106108	143	NOC:Basic Electrical Circuits	Y	Y	Y	3.3
37	117106114	53	NOC:Digital Circuits and Systems	Y	Y	Y	18
38	117108038	40	Circuits for Analog System Design	Y	Y	Y	19
39	117108040	44	Digital System design with PLDs and FPGAs	Y	Y	Y	20
40	117108044	42	Error Correcting Codes	Y	Y	Y	20
41	117108048	42	Pattern Recognition	Y	Y	Y	12
42	117106111	37	ARM Based Development	---	Y	Y	0.5
43	117106112	44	Embedded Software Testing	Y	Y	Y	0.6
44	117106109	34	Advanced Logic Synthesis	---	Y	---	0.6
45	117106113	43	Linux Programming and Scripting	Y	Y	Y	0.4
46	117104115	50	NOC:Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Y	Y	Y	8.0
47	117106116	78	NOC:Networks and Systems	Y	Y	Y	4.5
48	117104117	23	NOC:Probability and Random Variables, Processes for Wireless Communications	Y	Y	Y	4.1
49	117108107	39	Analog Circuits and Systems 1	Y	Y	Y	18
50	117101106	25	Analog Circuits	Y	Y	Y	25
51	117101004	42	Advanced VLSI Design	Y	Y	Y	44

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52	117101105	29	CMOS Analog VLSI Design	Y	Y	Y	26
53	117101119	34	NOC:Microwave Integrated Circuits	Y	Y	Y	15
54	117104118	39	NOC:Estimation for Wireless Communications / MIMO / OFDM Cellular and Sensor Networks	Y	Y	Y	2.0
55	117105122	20	NOC:Basic Tools of Microwave Engineering	Y	Y	Y	4.9
56	117108124	24	NOC:Design and Simulation of DC-DC converters using Open Source Tools	Y	Y	Y	2.8
57	117101123	31	NOC:Foundations of Wavelets and Multirate Digital Signal Processing	Y	Y	Y	8.1
58	117104121	18	NOC:Error Control Coding: An Introduction to Linear Block code	Y	Y	Y	1.2
59	117104120	17	NOC:Error Control Coding: An Introduction to Convolutional Codes	Y	Y	Y	1.3
60	117105135	59	NOC:Digital Image Processing	Y	Y	Y	15
61	117105133	24	NOC:Audio System Engineering	Y	Y	Y	7.4
62	117105132	40	NOC:Fundamentals of MIMO Wireless Communication	Y	Y	Y	11
63	117105131	40	NOC:Satellite Communication Systems	Y	Y	Y	8.9
64	117104128	35	NOC:Digital Switching-I	Y	Y	Y	3.3
65	117104126	35	NOC:Bayesian/MMSE Estimation for Wireless Communications MIMO / OFDM Cellular and Sensor Networks	Y	Y	Y	1.6
66	117105130	20	NOC:Basic Building Blocks of Microwave Engineering	Y	Y	Y	5.2
67	117105134	40	NOC:Discrete Time Signal Processing	Y	Y	Y	11
68	117104129	24	NOC:An Introduction to Information Theory	Y	Y	Y	2.6
69	117104127	54	NOC:Optical Communications	Y	Y	Y	2.9
70	117103125	54	NOC:VLSI Design Verification and Test	Y	Y	Y	16
71	117108047	41	Nanoelectronics: Devices and Materials	Y	Y	Y	14
72	117105139	40	NOC:Millimeter Wave Technology	Y	Y	Y	11
73	117105138	20	NOC:Design Principles of RF and Microwave Filters and Amplifiers	Y	Y	Y	5.5
74	117105137	60	NOC:Digital VLSI Testing	Y	Y	Y	14
75	117105136	69	NOC:Spread Spectrum Communications and Jamming	Y	Y	Y	16
76	117108140	61	NOC:Enclosure Design of Electronics Equipment	Y	Y	Y	12
77	117108141	118	NOC:Design of Photovoltaic Systems	Y	Y	Y	11
78	117108142	14	NOC:Photonic Integrated Circuits	Y	Y	Y	4.7
79	117105140	60	NOC:Power System Analysis	Y	Y	Y	16
80	117105143	60	NOC:Analog Communication	Y	Y	Y	16
81	117105144	60	NOC:Modern Digital Communication Techniques	Y	Y	Y	16
82	117105145	44	NOC:Digital Speech Processing	Y	Y	Y	12
83	117105147	58	NOC:Analog Circuits and Systems through SPICE Simulation	Y	Y	Y	21
84	108107107	20	NOC:Basics of Software Defined Radios and Practical Applications	Y	Y	Y	4.3
85	108106105	57	NOC:Analog IC Design	Y	Y	Y	42
86	117103148	70	NOC:Design of Power Electronic Converters	Y	Y	Y	4.0
87	117103149	35	NOC:Operation and Planning of Power Distribution Systems	Y	Y	Y	6.3

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88	117105148	58	NOC:Communication Networks	Y	Y	Y	5.1
89	117105149	60	NOC:Signal Processing Techniques and its Applications	Y	Y	Y	6.0
90	117106148	63	NOC:Circuit Analysis for Analog Designers	Y	Y	Y	5.3
91	117106149	94	NOC:Design and Analysis of VLSI Subsystems	Y	Y	Y	5.8
92	117107148	40	NOC:Digital Protection of Power System	Y	Y	Y	4.6
93	117107149	60	NOC:Physics of Nanoscale Devices	Y	Y	Y	5.3
94	117108148	53	NOC:Neural Science for Engineers	Y	Y	Y	7.7
95	117103150	36	NOC:Nanophotonics, Plasmonics, and Metamaterials	Y	Y	Y	5.0
96	117103488	36	NOC:Power Electronics Applications in Power Systems	Y	Y	Y	8.7
97	117104484	60	NOC:5G Wireless Standard Design	---	Y	---	15
98	117106483	63	NOC:Nonlinear Dynamical Systems and Control	---	Y	---	7.2
99	117107485	40	NOC:Low Voltage CMOS Circuit Operation	---	Y	Y	6.3
100	117108486	39	NOC:Analog Circuits and Systems	---	Y	Y	6.1
101	117103723	61	NOC:Introduction to Microwave and Optical Metamaterials	Y	Y	Y	6.4
102	117103725	24	NOC:Signal Processing Algorithms and Architectures	Y	Y	Y	2.1
103	117103726	60	NOC:Microsensors and Nanosensors	---	Y	---	7.7
104	117104727	38	NOC:RFIC Design	---	Y	---	7.1
105	117107724	68	NOC:Cryogenic Electronics for Quantum Computing	---	Y	Y	12
Discipline : Nanotechnology Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/nanotechnology.pdf							
1	118102003	40	Nano structured materials-synthesis, properties, self assembly and applications	Y	Y	Y	34
2	118104008	45	Nanostructures and Nanomaterials: Characterization and Properties	Y	Y	Y	20
Discipline : Atmospheric Science Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/atmospheric-science.pdf							
1	119106008	41	Introduction to Atmospheric Science	Y	Y	Y	29
2	119108004	38	Radiation Heat Transfer	Y	Y	Y	11
3	119108006	42	The monsoon and its variability	Y	Y	Y	11
Discipline : Environmental Science Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/environmental-science.pdf							
1	120105559	64	NOC:Environmental Geosciences	Y	Y	Y	12
2	120108558	60	NOC:Climate Change Science	Y	Y	Y	11
Discipline : General Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/general.pdf							
1	121104005	40	Introduction to Japanese Language and Culture	Y	Y	Y	18
2	121106003	20	Ayurvedic Inheritance of India	Y	Y	Y	9.3
3	121104006	5	Astronomy in Ancient, Medieval and Early Telescopic Era of India	Y	Y	Y	3.6

4	121106007	61	NOC:Research Methodology	Y	Y	Y	9.9
5	121106008	22	NOC:Biology for engineers and other non-biologists	Y	Y	Y	11
6	121105009	20	NOC:Stress Management	Y	Y	Y	5.5
7	121105010	20	NOC:Outcome Based Pedagogic Principles for Effective Teaching	Y	Y	Y	5.2
8	121107009	20	NOC:Introduction to Remote Sensing	Y	Y	Y	5.5
9	121106011	22	NOC:Digital and the Everyday: from Codes to Cloud	Y	Y	Y	26
10	121106012	25	NOC:Effective Engineering Teaching in Practice	Y	Y	Y	32
11	121106013	90	NOC:Virtual Reality Engineering	Y	Y	Y	35
12	121106014	40	NOC:Non-Conventional Energy Resources	Y	Y	Y	77
13	121101490	60	NOC:Risk-Based Engineering	---	Y	---	6.9
14	121104452	54	NOC:Carbon Accounting and Sustainable Designs in Product Lifecycle Management	Y	Y	---	5.5
15	121107451	20	NOC:Technical Communications for Engineers	Y	Y	---	8.3
16	121108458	62	NOC:Biomedical Ultrasound: Fundamentals of Imaging and Micromachined Transducers	Y	Y	---	11
Discipline : Basic Courses (Semester 1 and 2) Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/basic-courses-semester-1-and-2.pdf							
1	122102004	16	Applied mechanics	Y	Y	Y	4.4
2	122102007	39	Management Science I	Y	Y	Y	11
3	122102008	36	Materials Science	Y	Y	Y	15
4	122102009	41	Numerical Methods and Computation	Y	Y	Y	9.1
5	122104015	31	Engineering Mechanics	Y	Y	Y	6.8
6	122104016	29	Engineering Physics II	Y	Y	Y	6.2
7	122104017	32	Mathematics I	Y	Y	Y	3.4
8	122105020	22	Human Resource Management-I	Y	Y	Y	4.6
9	122105021	13	Leadership	Y	Y	Y	2.7
10	122105022	29	Management Information System	Y	Y	Y	5.8
11	122105023	44	Physics I - Oscillations and Waves	Y	Y	Y	9.2
12	122105024	11	Strategic Management	Y	Y	Y	2.3
13	122106025	40	Basic Electronics and Lab	Y	Y	Y	11
14	122106027	38	Classical Physics	Y	Y	Y	8.6
15	122106028	10	Engineering Chemistry - I	Y	Y	Y	2.7
16	122106033	38	Numerical Methods and Programming	Y	Y	Y	9.8
17	122106034	31	Quantum Physics	Y	Y	Y	7.2
18	122107035	40	Engineering Physics - I	Y	Y	Y	24
19	122107036	38	Mathematics - II	Y	Y	Y	7.5
20	122107037	39	Mathematics - III	Y	Y	Y	7.7
21	122108038	40	Concept of Management and Evolution of Management thought	Y	Y	Y	11

Discipline : Mining Engineering

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Video Lecture Topics @ http://www.digimat.in/downloads/topics/mining-engineering.pdf

1	123105001	36	Fundamentals of Environmental Pollution and Control	Y	Y	Y	11
2	123105003	40	NOC:Drilling and Blasting Technology	Y	Y	Y	11
3	123105004	20	NOC:Network Analysis for Mines and Mineral Engineering	Y	Y	Y	5.3
4	123105005	60	NOC:Mining Machinery	Y	Y	---	8.3
5	123105006	60	NOC:Underground Mining of Metalliferous Deposits	Y	Y	Y	8.1
6	123105007	60	NOC:Surface Mining Technology	Y	Y	Y	7.4
7	123105442	60	NOC:Mine Automation and Data Analytics	Y	Y	Y	5.4
8	123105637	60	NOC:Mineral Economics and Business	Y	Y	Y	8.4
9	123105923	60	NOC:Mechanical and Electrical Systems of Mining Machines	---	Y	---	11

Discipline : Architecture

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Video Lecture Topics @ http://www.digimat.in/downloads/topics/architecture.pdf

1	124107001	40	NOC:Housing Policy and Planning	Y	Y	Y	11
2	124105001	40	NOC:Landscape Architecture and Site Planning - Basic Fundamentals	Y	Y	Y	12
3	124107002	20	NOC:Visual Communication Design for Digital Media	Y	Y	Y	4.6
4	124105003	43	NOC:Architectural Conservation and Historic Preservation	Y	Y	Y	11
5	124105004	40	NOC:Architectural Acoustics	Y	Y	Y	11
6	124107004	40	NOC:Culturally Responsive Built Environments	Y	Y	Y	12
7	124107005	40	NOC:Contemporary Architecture and Design	Y	Y	Y	10
8	124107006	40	NOC:Role of Craft and Technology in Interior-Architecture	Y	Y	Y	11
9	124106009	20	NOC:Introduction to History of Architecture in India	Y	Y	Y	17
10	124107007	60	NOC:Urban Governance and Development Management	Y	Y	Y	12
11	124107008	20	NOC:User Interface Design	Y	Y	Y	5.8
12	124107010	40	NOC:Disaster Recovery and Build Back Better	Y	Y	Y	8.1
13	124107012	40	NOC:Structure, Form and Architecture: The Synergy	Y	Y	Y	9.9
14	124107011	60	NOC:Sustainable Architecture	Y	Y	Y	14
15	124105013	40	NOC:Building Materials and Composites	Y	Y	Y	19
16	124105014	60	NOC:Environmental Soil Chemistry	Y	Y	Y	31
17	124105015	40	NOC:Structural System in Architecture	Y	Y	Y	12
18	124105016	60	NOC:Urban Landuse and Transportation Planning	Y	Y	Y	20
19	124106157	43	NOC:Strategies for Sustainable Design	Y	Y	Y	4.6
20	124107157	40	NOC:Engineering/Architectural Graphics - Part I: Orthographic projection	Y	Y	Y	11
21	124105158	60	NOC:Urban utilities Planning : Water Supply, Sanitation and Drainage	Y	Y	Y	8.0
22	124107158	40	NOC:Introduction to Urban Planning	Y	Y	Y	5.6
23	124107159	20	NOC:Engineering, Architectural Graphics - Part II (Isometric and Axonometric Drawings)	---	Y	---	2.6
24	124107160	60	NOC:Environmental Impact Assessment	Y	Y	---	12

25	124107161	40	NOC:Modern Indian Architecture	Y	Y	Y	8.9
26	124107162	20	NOC:International Studies in Vernacular Architecture	Y	Y	Y	3.2
27	124105163	60	NOC:Urban Services Planning	Y	Y	Y	13
28	124107164	20	NOC:Introduction to Interaction Design	Y	Y	Y	2.1
29	124107165	40	NOC:Understanding and Reducing Ghg Emissions - Focus on Scope 1 and 2 Emission Reduction through Building Design and Construction	---	Y	---	5.8
30	124107338	60	NOC:Research Methodology for Planning and Architectural Studies	---	Y	---	7.8
31	124106454	48	NOC:Architectural Approaches to Decarbonization of Buildings	Y	Y	Y	9.5
32	124106455	48	NOC:Building Materials as a Cornerstone to Sustainability	Y	Y	Y	9.0
33	124105552	40	NOC:Building Energy Systems and Auditing	Y	Y	Y	6.9
34	124106551	48	NOC:Bioclimatic Architecture: Futureproofing with Simple and Advanced Passive Strategies	Y	Y	Y	11
35	124105665	21	NOC:Inclusive Planning and Universal Design	---	Y	Y	3.8
36	124105811	60	NOC:Urban Informatics	---	Y	---	10
37	124105812	20	NOC:Measures of Green Urbanism	---	Y	Y	2.8
38	124106813	48	NOC:Circular Economy for Sustainable Buildings	---	Y	Y	12
39	124106814	40	NOC:Architectural Thesis	---	Y	---	11
40	124107815	60	NOC:Modern World Architecture	---	Y	---	21
41	124107816	60	NOC:Urban Ecosystem	---	Y	---	12
42	124105002	59	NOC:Tall Building Architecture	---	Y	---	9.0
43	124106001	60	NOC:Low-Cost Building Materials and Techniques	---	Y	---	22
44	124106002	40	NOC:Finishing Materials and Systems for Building Applications	---	Y	---	11
45	124107003	40	NOC:Intelligent and Smart Buildings in the Context of Futuristic Architecture	---	Y	---	7.3

Discipline : Agriculture

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Video Lecture Topics @ http://www.digimat.in/downloads/topics/agriculture.pdf

1	126104001	26	NOC:Basic Crop Production Practices (BCPP)	---	Y	---	1.9
2	126104002	46	NOC:GIS in Ag-Essentials and Applications (GIS)	Y	Y	Y	3.9
3	126104003	47	NOC:Integrated Pest Management (IPM)	---	Y	---	5.7
4	126104004	49	NOC:Nutrition, Therapeutics and Health (NM)	Y	Y	---	4.7
5	126104005	36	NOC:Weather Forecast in Agriculture and Agro-advisory (WF)	Y	Y	Y	3.2
6	126104006	45	NOC:ICT Basics	Y	Y	Y	3.2
7	126105008	60	NOC:Momentum Transfer in Process Engineering	Y	Y	Y	16
8	126105009	60	NOC:Farm Machinery	Y	Y	Y	14
9	126105010	60	NOC:Irrigation and Drainage	Y	Y	Y	17
10	126105011	60	NOC:Fundamentals of Food Process Engineering	Y	Y	Y	17
11	126105012	56	NOC:Soil and Water Conservation Engineering	Y	Y	Y	11
12	126105013	60	NOC:Dairy and Food Process and Products Technology	Y	Y	Y	16
13	126105014	40	NOC:Organic Farming for Sustainable Agricultural Production	Y	Y	Y	10

14	126105015	60	NOC:Novel Technologies for Food Processing and Shelf Life Extension	Y	Y	Y	18
15	126105016	60	NOC:Soil Science and Technology	Y	Y	Y	16
16	126103017	31	NOC:Thermal Processing of Foods	Y	Y	Y	19
17	126105018	60	NOC:Thermal Operations in Food Process Engineering: Theory and Applications	Y	Y	Y	16
18	126105019	60	NOC:Micro Irrigation Engineering	Y	Y	Y	11
19	126105020	44	NOC:Instrumentation and Process Control in Food Industry	---	Y	---	3.4
20	126105021	60	NOC:Machine Learning for Soil and Crop Management	Y	Y	Y	6.8
21	126103022	65	NOC:Natural Resources Management	Y	Y	---	6.8
22	126105022	61	NOC:Advanced Aquaculture Technology	Y	Y	Y	6.1
23	126105023	60	NOC:Post Harvest Operations and Processing of Fruits, Vegetables, Spices and Plantation Crop Products	Y	Y	Y	7.9
24	126105024	60	NOC:Soil Fertility and Fertilizers	Y	Y	Y	6.0
25	126105025	60	NOC:Cooling Technology: Why and How utilized in Food Processing and Allied Industries	Y	Y	Y	6.4
26	126105026	40	NOC:Traction Engineering	Y	Y	Y	2.8
27	126105027	60	NOC:Food Oils and Fats : Chemistry and Technology	Y	Y	Y	7.5
28	126105334	60	NOC:Watershed Hydrology	Y	Y	Y	6.2
29	126105335	60	NOC:Water Quality Management Practices	Y	Y	Y	6.7
30	126105336	60	NOC:Modern Food Packaging Technologies: Regulatory Aspects and Global Trends	Y	Y	Y	4.6
31	126105337	58	NOC:Basics of Crop Breeding and Plant Biotechnology	Y	Y	Y	4.9
32	126105550	40	NOC:Food Microbiology for Safe and Sustainable Food Systems	---	Y	Y	5.3
33	126105547	60	NOC:Design of Farm Machinery	Y	Y	Y	7.5
34	126105548	60	NOC:Food Science and Technology	Y	Y	Y	12
35	126105549	60	NOC:Impact of Flow of Fluids in Food Processing and Preservation	Y	Y	Y	12
36	126105663	60	NOC:Operations Research	---	Y	---	9.3
37	126105809	60	NOC:Crop Modeling and Simulation for Agricultural Production Management (CMSAM)	---	Y	---	8.1
38	126105810	40	NOC:Precision Agriculture	---	Y	Y	6.6
Discipline : Multi-Disciplinary Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/multi-disciplinary.pdf							
1	127106001	83	NOC:Neuroscience of Human Movement	Y	Y	Y	71
2	127106003	74	NOC:Manage TB	Y	Y	Y	9.9
3	127106004	45	NOC:Ecology and Environment	Y	Y	Y	38
4	127101010	44	NOC:Designing Learner-Centric MOOCs	Y	Y	Y	6.3
5	127105006	42	NOC:Fuzzy Logic and Neural Networks	Y	Y	Y	11
6	127105007	60	NOC:Entrepreneurship Essentials	Y	Y	---	15
7	127105008	39	NOC:Roadmap for Patent Creation	Y	Y	Y	20
8	127106009	13	NOC:Current Regulatory Requirements for Conducting	Y	Y	Y	4.6

			Clinical Trials in India				
9	127106010	11	NOC:Regulatory Requirements for Medical Devices and IVD kits in India	Y	Y	Y	5.8
10	127108005	20	NOC:Teaching and Learning in Engineering (TALE)	Y	Y	Y	3.4
11	127101012	18	NOC:Introduction to Learning Analytics	Y	Y	Y	3.5
12	127101013	33	NOC:Designing Learner-Centric e-Learning in STEM Disciplines	Y	Y	Y	9.3
13	127101014	25	NOC:Sustainable and Affordable Sanitation Solutions for Small Towns: Policy, Planning and Practice	Y	Y	Y	17
14	127105017	41	NOC:Accreditation and Outcome based Learning	---	Y	Y	15
15	127105018	60	NOC:Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	---	Y	Y	18
16	127106019	113	NOC:Numerical Methods for Engineers	---	Y	---	44
17	127108015	19	NOC:Teaching and Learning in General Programs: TALG	Y	Y	Y	4.7
18	127108016	35	NOC:TALE 2: Course Design and Instruction of Engineering Courses	Y	Y	Y	9.0
19	127106134	22	Basic Course in Biomedical Research	---	Y	Y	6.6
20	127106137	28	NOC:Current Regulatory Requirements for Conducting Clinical Trials in India for Investigational New Drugs (Version 2.0)	Y	Y	Y	15
21	127108135	62	NOC:NBA Accreditation and Teaching Learning in Engineering (NATE)	Y	Y	Y	14
22	127106136	14	NOC:Regulatory Requirements for Medical Devices including in Vitro Diagnostics in India (Version 2.0)	Y	Y	Y	6.8
23	127106135	89	NOC:Thermodynamics	Y	Y	Y	47
24	106101224	61	NOC:Learning Analytics Tools	Y	Y	Y	10
25	127103225	43	NOC:Fundamental of Fluid Mechanics for Chemical and Biomedical Engineers	Y	Y	Y	5.8
26	127105225	60	NOC:Biophotonics	Y	Y	Y	6.9
27	127106225	78	NOC:Model Predictive Control: Theory and Applications	---	Y	---	5.6
28	127106227	72	NOC:Research Methodology	Y	Y	Y	7.0
29	127106228	24	NOC:Management of Medical Emergencies in Dental Practice	Y	Y	---	1.7
30	127106229	44	NOC:Basic Course in Ornithology	Y	Y	Y	4.6
31	127106230	31	NOC:Oral Biology	Y	Y	Y	4.3
32	127105231	60	NOC:Vacuum Technology and Process Application	---	Y	---	12
33	127105232	40	NOC:Basics of Health Promotion and Education Intervention	Y	Y	Y	3.6
34	127106231	40	NOC:Introduction to Biomimicry	Y	Y	Y	3.4
35	127106232	20	NOC:Electrocardiogram - Interpretation and Application in Clinical Practice	---	Y	Y	1.9
36	127101233	60	NOC:Engineering Statistics	Y	Y	Y	4.6
37	127104233	110	NOC:Foundation Certificate in Palliative Care	---	Y	Y	6.0
38	127105233	40	NOC:Basics of Mental Health and Clinical Psychiatry	Y	Y	Y	3.6
39	127105234	40	NOC:Introduction to Reliability Engineering	Y	Y	Y	4.2
40	127105235	40	NOC:Nanobio Technology Enabled Point-of-Care Devices	Y	Y	---	5.0

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41	127106233	23	NOC:One Health	Y	Y	Y	2.2
42	127102236	27	NOC:Similitude and Approximations in Engineering	Y	Y	Y	2.1
43	127103236	37	NOC:Sustainable Power Generation Systems	---	Y	---	4.3
44	127105236	20	NOC:Adolescent Health and Well-Being : A Holistic Approach	Y	Y	Y	1.7
45	127105237	60	NOC:Research Methods in Health Promotion	Y	Y	Y	5.9
46	127106236	31	NOC:Canning Technology, Value Addition of Seafood (Fish Processing)	Y	Y	Y	2.1
47	127106237	43	NOC:Food Packaging Technology	Y	Y	Y	3.3
48	127104381	60	NOC:Multi-Criteria Decision Making and Applications	Y	Y	---	6.2
49	127104385	78	NOC:Basic Certificate in Palliative Care	Y	Y	---	5.6
50	127105382	19	NOC:Urban Ecological Heritagescapes through Interactive Governance: Theories and Applications	Y	Y	---	2.9
51	127105386	18	NOC:Experimental Robotics	Y	Y	Y	2.4
52	127105388	40	NOC:Medical Law	---	Y	Y	8.1
53	127105389	68	NOC:An Overview on Maternal Health Antenatal, Intranatal and Postnatal Care	Y	Y	Y	9.0
54	127105390	40	NOC:Recommender Systems	Y	Y	Y	3.4
55	127105391	60	NOC:Comprehensive Molecular Diagnostics and Advanced Gene Expression Analysis	Y	Y	Y	6.2
56	127106383	40	NOC:Vulnerability Studies: An Introduction	Y	Y	Y	5.8
57	127106384	23	NOC:Pulmonary Function Tests - Interpretation and Application in Clinical Practice	Y	Y	Y	2.0
58	127101530	27	NOC:Intelligent Feedback and Control	Y	Y	Y	5.2
59	127105531	60	NOC:Thin Film Technology	---	Y	---	11
60	127105532	60	NOC:An Integrated Approach to Common Childhood Diseases and Developmental Disorders in India	---	Y	Y	9.3
61	127106533	33	NOC:Making Learning Engaging Through Interactive Games	Y	Y	Y	7.1
62	127107502	40	NOC:Intellectual Property Portfolio Management	Y	Y	Y	12
63	127101592	60	NOC:Introduction to Evolutionary Dynamics	Y	Y	Y	5.7
64	127104590	93	NOC:Certificate in Integrative Palliative Care - III	Y	Y	Y	13
65	127105593	60	NOC:Sustainable Mining and Geoinformation	Y	Y	Y	12
66	127106648	28	NOC:Local Anaesthesia in Dentistry	---	Y	---	7.2
67	127108591	53	NOC:Fundamentals of Ecology	---	Y	Y	15
68	127101744	60	NOC:Risk-Conscious Operations Management (RCOM)	---	Y	---	6.8
69	127104664	41	NOC:Artificial Intelligence in Industrial and Management Engineering	---	Y	---	3.2
70	127104777	35	NOC:Introduction to Infrastructure Asset Management	---	Y	---	4.0
71	127105779	60	NOC:Essential Neuroscience: A Beginners Guide	---	Y	---	26
72	127107729	61	NOC:Electrochemical and Economic Aspects of Hydrogen Energy	---	Y	---	9.3
73	127108778	65	NOC:Machine Learning for Core Engineering Disciplines	---	Y	---	8.3
74	127108780	53	NOC:OBE and Accreditation	---	Y	---	8.3
75	127108781	60	NOC:Instruction for Good Learning	---	Y	Y	8.1

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76	127101872	40	NOC:Industry 4.0: Managing the Digital Transformation	---	Y	---	5.4
77	127104873	58	NOC:Energy and the Climate Crisis: The Path to Net-Zero Emissions	---	Y	---	7.9
78	127105874	60	NOC:Climate Risk, Adaptation and Sustainable Development	---	Y	---	14
79	127106875	60	NOC:Social Theory: Concepts and Debates	---	Y	---	22
80	127107876	40	NOC:Environmental Planning and Management	---	Y	---	9.1
81	127108871	40	NOC:Assessment of Student Performance	---	Y	---	5.1
82	127101001	60	NOC:Application of AI in Reliability Engineering – Prognostics and Systems Health Management (PHM)	---	Y	---	6.2
83	127101002	60	NOC:Nutritional Epidemiology: A Way Towards a Healthy Life	---	Y	---	7.1
84	127101003	80	NOC:Designing AI-driven Personalised Learning Environments	---	Y	---	5.6
85	127104001	76	NOC:Perception Algorithms for Autonomous Systems	---	Y	---	6.7
86	127104003	60	NOC:Mathematical Tools for Cognitive Science	---	Y	---	4.6
87	127106005	38	NOC:Basics of Food and Nutrition	---	Y	---	14
88	127106006	26	NOC:AI for Clinicians	---	Y	---	7.8
89	127106007	59	NOC:Healthcare Administration and Management	---	Y	---	3.7
90	127106008	38	NOC:Mind Body and Wellness	---	Y	---	11
91	127106011	20	NOC:Statistical Data Analysis: Application to Atmospheric Science	---	Y	---	3.1
92	127106012	20	NOC:Technology, Disability, and Technoableism	---	Y	---	1.9
93	127106013	47	NOC:Nonlinear Dynamics and Chaos	---	Y	---	11
94	127107001	40	NOC:Renewable Energy Sources: Fundamentals and Technologies	---	Y	---	7.6
Discipline : Special Lecture Series Go to Top							
Video Lecture Topics @ http://www.digimat.in/downloads/topics/special.pdf							
1	128106001	103	ACM Summer School on Graph Theory and Graph Algorithms	---	Y	---	105
2	128106002	73	ACM Summer School in Data Science (Goa)	---	Y	---	47
3	128106003	9	Topics in Theoretical Computer Science	---	Y	---	17
4	128106004	20	Researching Anglo-Indians in India and the Diaspora	---	Y	---	13
5	128106005	94	Dravidian Temple Architecture and Construction Techniques	---	Y	---	72
6	128106006	20	ACM Summer School in Data Science (Bangalore)	---	Y	---	49
7	128106007	36	ACM Summer School on Algorithmic Game Theory	---	Y	---	9.3
8	128106008	33	ACM Summer School on Graph Theory and Graph Algorithms	---	Y	---	21
9	128106009	34	ACM Summer School on Compiler Design and Construction	---	Y	---	9.8
10	128106010	38	ACM Summer School on Geometric Algorithms and their Applications	---	Y	---	10
11	128106011	47	ACM Summer School on Algorithmic and Theoretical Aspects of Machine Learning	---	Y	---	12
12	128106012	20	ACM Winter School on Hybrid Cloud	---	Y	---	5.8
13	128106013	29	ACM Indian Summer School on Programming Languages: Principles and Practice	---	Y	---	18
14	128106014	18	ACM Winter School 2019 on High Performance Computing (HPC)	---	Y	---	4.4
15	128106015	6	Thermodynamics of Materials	---	Y	---	0.5

16	128108016	14	ACM India Summer School on IoT and Embedded Systems	---	Y	---	2.1
17	128106017	31	ACM India Summer School on Program Execution	---	Y	---	3.7
18	128106018	55	ACM India Summer School on Programming Language Analysis and Optimizations	---	Y	---	3.6
19	128106019	50	ACM Summer School on Shape Modelling	---	Y	---	3.6
20	128106020	62	ACM India Summer School on Shape Modelling	---	Y	---	7.6
21	128106021	47	ACM India Winter School on Topics in Digital Trust	---	Y	---	9.0
22	128106032	27	ACM Winter School on Design, Implementation and Verification of Computer Systems	---	Y	---	4.5
23	128106033	6	Topics In Theoretical Computer Science (2023)	---	Y	---	1.0
24	128108017	34	ACM India Summer School on Algorithms for Data Science (2023)	---	Y	---	7.2
25	128108018	24	ACM India Summer School on Cybersecurity for Women	---	Y	---	12
26	128106143	18	NPTEL Special Lectures Series	---	Y	---	4.5
27	128108019	28	ACM Winter Schools - Cryptography and Cybersecurity	---	Y	---	8.3
28	128108020	25	ACM Winter School on Network Science	---	Y	---	5.7
29	128108021	26	ACM Winter School on Recent Trends in AI and ML	---	Y	---	5.6
30	128108022	20	ACM India Pingala Interactions in Computing (PIC) 2024	---	Y	---	4.1
31	128108023	17	ACM INDIA ARCS 2024	---	Y	---	2.3
32	128108024	9	ACM INDIA Annual Event 2024	---	Y	---	1.7
33	128108025	29	ACM INDIA Winter School - Full-Stack Networking (FSN)	---	Y	---	3.1
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Video Lecture Topics @ http://www.digimat.in/downloads/topics/law.pdf							
1	129106001	75	NOC:Right to Information and Good Governance	Y	Y	Y	5.7
2	129106002	59	NOC:Constitution of India and Environmental Governance: Administrative and Adjudicatory Process	Y	Y	Y	6.0
3	129106003	18	NOC:Constitutional Studies	Y	Y	Y	3.8
4	129105004	40	NOC:Introduction to Law on Electricity	Y	Y	Y	4.9
5	129105005	17	NOC:Legal and Regulatory Issues in Biotechnology	Y	Y	Y	2.4
6	129105006	60	NOC:New Labour Codes of India	Y	Y	Y	6.8
7	129106006	56	NOC:Advanced Contracts, Tendering and Public Procurement	Y	Y	Y	4.6
8	129105007	40	NOC:IP Management and Technology Transfer	Y	Y	Y	9.3
9	129105008	40	NOC:Biodiversity Protection, Farmers and Breeders Rights	Y	Y	Y	3.8
10	129106008	48	NOC:Conflict Management through Mediation	---	Y	---	3.1
11	129106411	64	NOC:Constitution Law and Public Administration in India	Y	Y	Y	6.5
12	129105409	34	NOC:International Trade Law	Y	Y	Y	3.7
13	129105410	40	NOC:Centre-State Relations in India	Y	Y	Y	4.0
14	129105504	41	NOC:Intellectual Property Disputes: Court Practices and Enforcement	---	Y	Y	15
15	129105608	40	NOC:Directive Principles of State Policy and Fundamental Duties: Constitutional Imperative	Y	Y	Y	5.1

16	129105674	38	NOC:Legal and Regulatory Compliance for Small and Medium Business Enterprises	---	Y	---	9.2
17	129106746	60	NOC:Insolvency and Bankruptcy Law in India	Y	Y	---	5.5
18	129106747	169	NOC:International Investment Law and the Environment	Y	Y	---	21
19	129106748	40	NOC:Artificial Intelligence, Law and Justice	Y	Y	Y	7.6
20	129106749	60	NOC:Copyright and Related Rights Law	Y	Y	Y	6.0
21	129106750	31	NOC:Basic Course on Indian Constitution in Telugu	---	Y	---	9.7
22	129106894	41	NOC:Internet Crimes and Cyber Security	---	Y	---	5.8
23	129106895	60	NOC:Energy Law	---	Y	---	7.8
24	129106896	40	NOC:Legal Essentials for Human Resource Management	---	Y	---	4.6
25	129106897	22	NOC:Trademark Law	---	Y	Y	2.1
26	129105001	20	NOC:Music and Entertainment Industry Law	---	Y	---	3.3
27	129106004	57	NOC:Banking and Finance Laws	---	Y	---	5.8
28	129106005	60	NOC:Law of Dispute Resolution in International Trade	---	Y	---	4.1
29	129106007	39	NOC:Governance of Artificial Intelligence	---	Y	---	6.2

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1	130106001	65	NOC:Introduction to Econometrics	Y	Y	Y	5.5
2	130106113	72	NOC:Environmental and Resource Economics	Y	Y	Y	5.9
3	130104114	41	NOC:Microfoundations of Macroeconomics	Y	Y	Y	4.3
4	130104115	118	NOC:Introduction to Microeconomics in Hindi and without Calculus	---	Y	---	4.2
5	130104116	60	NOC:Economics of Banking and Finance Markets	Y	Y	Y	4.5
6	130106115	49	NOC:Spatial Statistics and Spatial Econometrics	Y	Y	Y	4.8
7	130106117	36	NOC:Economics of Innovation	---	Y	---	2.7
8	130106118	47	NOC:Principles of Economics	---	Y	---	5.4
9	130107369	60	NOC:Health Economics	Y	Y	Y	7.2
10	130107476	40	NOC:Labour Economics-Theory and Practice	---	Y	Y	12
11	130104711	40	NOC:Economic Environment and Business Strategy	Y	Y	Y	2.9
12	130104859	60	NOC:Introduction to Commercial Banking and Fintech	---	Y	---	6.3
13	130105860	60	NOC:Foundational Course: Economics of Education	---	Y	---	11
14	130106861	60	NOC:Economics of Public Policy	---	Y	---	21
15	130104001	40	NOC:Introduction to Alternative Finance	---	Y	---	3.5
16	130106002	63	NOC:Applied Production Analysis using MATLAB	---	Y	---	6.8
17	130106003	75	NOC:Computational Finance - 1	---	Y	---	6.3
18	130107001	60	NOC:International Financial Management	---	Y	---	11