Subjects of Spring End Semester Exam, 2022_23 [Except First Year Students] to be conducted by School

sl#	SubjectName	SubjectCode
	School of Basic Sciences	
1	Partial Differential Equations	MA5L015
2	Measure theory and Integration	MA5L014
3	Advanced Matrix Theory	MA5L017
4	Numerical Analysis	MA5L010
5	Algebra	MA5L006
6	Topology	MA5L008
7	Complex Analysis	MA5L007
8	Ordinary Differential Equations	MA5L009
9	Quantum Mechanics II	PH5L007
10	Atomic and Molecular Physics	PH5L009
11	Optics and Photonics	PH5L010
12	Electrodynamics II	PH5L011
13	General Relativity and Cosmology	PH7L006
14	Semiconductor Physics	PH7L011
15	Statistical Mechanics	PH5L008
16	Particle Physics	PH7L009
17	Advance organic Chemistry	CY5L007
18	Group Theory and Spectroscopy	CY5L008
19	Computational Methods and applications	CY5L009
20	Thermodynamics and Chemical Equilibrium	CY5L005
21	Principles of Organometallics & Bioinorganic Chemistry	CY5L006

sl#	Subjects	SubjectCode
School of Earth, Ocean and Climate Sciences	
1	Satellite Meteorology	CL5L402
2	Numerical Weather Prediction	CL5L202
3	Ocean State Forecasting	CL5L203
4	Observational Techniques in Climate Sciences	CL5L204
5	Remote Sensing & GIS	CL5L205
6	Remote Sensing & GIS	ES5L205
7	Tropical Meteorology	CL5L206
8	Science of Climate Change	CL5L401
9	Air Sea Interactions	CL5L201
10	Applied Paleontology and Stratigraphy	ES5L 206
11	Reservoir Characterization	ES5L401
12	Geomorphic Processes & Sedimentary rocks	ES5L 202
13	Mineral Resources & Economics	ES5L414
14	Remote Sensing & GIS	ES5L205
15	Tectonic and Crustal Evolution	ES5L417
16	Applied Hydrogeology	ES5L203
17	Geophysical Techniques	ES5L201
18	Engineering Geology and Rock Mechanics	ES5L204
19	Remote Sensing & GIS Applications (RSGISA)	CL6L230
20	Instruments & Observation Systems	CL6L123
21	Planetary and Marine Boundary Layer (PBL)	CL6L202
22	Advanced Dynamic Meteorology (ADM)	CL6L112
23	Advanced Dynamic Oceanography (ADO)	CL6L113
24	Simulation of Atmospheric and Oceanic Processes	CL6L201
25	Tropical Meteorology	CL6L232

School of Electrical Sciences		
Sl. No	Subject Name	SubjectCode
1	Multimedia Systems	CS6L013

School of Infrastructure		
Sl#	SubjectName	SubjectCode
1	Hydraulics of Sediment Transport	CE6L503
2	Soil Dynamics	CE6L204
3	Foundation analysis and Design	CE6L203
4	Advanced Computational Hydraulics	CE6L512
5	Fundamentals of Traffic Flow Theory	CE6L402
6	Groundwater Hydrology	CE6L504
7	Geotechnics of Waste and Waste Containment	CE6L217
8	Theoretical Soil Mechanics	CE6L205
9	Pre-stressed Concrete	CE4L023
10	Stochastic Hydrology	CE6L506
11	Advanced Solid Mechanics	CE6L303
12	Environmental Impact Assessment	CE6L103

School of Mechanical Sciences
Sl#	Subject Name	SubjectCode
1	Soft Computing and Application	ME6L060
2	Applied Elasticity	ME6L052
3	Theory of Machines-II	ME2L005
4	Dynamics and Control of Mechanical Systems	ME6L051
5	Introduction to Atmospheric Radiation	ME6L117
6	Theory of Composite Materials	ME6L057
7	Experimental Modal Analysis	ME6L058
8	Additive Manufacturing	ME6L331
9	Mechatronics	ME6L333
10	Thermodynamics	ME2L003
11	Computational Fluid Dynamics	ME3L013
12	Transport Phenomena in Materials Processing	ME6L157
13	Numerical Methods in Radiative Heat Transfer	ME6L164
14	Digital Manufacturing	ME6L320
15	Power Plant Engineering	ME3L008
16	Compressible Flows	ME6L152
17	High Performance Computing in Thermo-Fluids A	ME6L163
18	Vibrations of Structures	ME6L059
19	Advanced Heat Transfer	ME6L151
20	Quality Control	ME4L010
21	Advanced Manufacturing Processes II	ME6L303
22	Robitics	ME3L014
23	Acoustics	ME6L012
24	Solid state joining process	ME6L314
25	Machine Tool & Machining	ME3L007
26	IC Engine	ME3L005
27	Mechnics of Solid	ME2L004
28	Refrigeration & Air-Conditioning	ME3L006