National Institute of Technology Srinagar Hazratbal, Srinagar, J&K- 190006, India www.nitsri.ac.in



DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Civil Engineering

S. No.	Name of Course	Course Code	
Second	Second (2 nd) Semester		
1	Engineering Mechanics	CVT102	
2	Engineering Drawing	CVT101	
Fourth (4 th) Semester			
1	Civil Engineering Drawing	CVT255	
2	Fluid Flow in Pipes and Channels	CVT251	
3	Surveying-II	CVT252	
4	Mathematics-II	MAT256	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Mathematics

S. No.	Name of Course	Course Code	
Second	(2 nd) Semester		
1	Mathematics II	MAT102	
Fourth	Fourth (4 th) Semester		
1	Mathematics IV	MAT253	
2	Chemical Engineering Mathematics II	MAT250	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Mechanical Engineering

S. No.	Name of Course	Course Code	
Second	Second (2 nd) Semester		
1	Elements of Mechanical Engineering	MET101	
Fourth	(4 th) Semester		
1	Mechanics of Materials	MET251	
2	Applied Thermodynamics	MET250	
3	Thermal Engineering	MET257	
4	Non-Traditional Machining and Automation Lab	MEL256	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Electrical Engineering

S. No.	Name of Course	Course Code	
Second	(2 nd) Semester		
1	Basic Electrical Engineering	EET101	
2	Basic Electrical Engineering Lab	EEL101	
Fourth	Fourth (4 th) Semester		
1	Electrical Machines I	EET250	
2	Control Systems	EET254	
3	Electrical Machines	EET255	
4	Electrical Measurement & Instrumentation Lab	EEL253	
5	Electrical Machines I Lab	EEL252	
<mark>6</mark>	Electrical Machines Laboratory	EEL257	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Humanities, Social Sciences & Management

S. No.	Name of Course	Course Code
Second	(2 nd) Semester	
1	Advanced English Communication Skills & Organizational Behaviour	HST102
2	Language Laboratory	HSL101
Fourth (4 th) Semester		
1	Vocabulary and Group Discussion (Compul Audit)	HSA250

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Physics

S. No.	Name of Course	Course Code
Second (2 nd) Semester		
1	Engineering Physics	PHT101
2	Physics Laboratory	PHL101

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Information Technology

S. No.	Name of Course	Course Code	
Second	Second (2 nd) Semester		
1	Computer Programming	ITT101	
2	Computer Programming Laboratory	ITL101	
Fourth (4 th) Semester			
1	Database Management System	ITT251	
<mark>2</mark>	Software Engineering	ITT255	
3	Database Management System Lab	ITL253	
4	Operating System Lab	ITL252	
5	Web Programming	ITL254	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Chemistry

S. No.	Name of Course	Course Code
Second (2 nd) Semester		
1	Engineering Chemistry	CHT101
2	Environmental Studies	CHT102
3	Chemistry Laboratory	CHL101

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Computer Science & Engineering

S. No.	Name of Course	Course Code
Fourth (4 th) Semester		
1	Data Structures	CST250
2	Data Structures Lab	CSL251

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Metallurgical & Materials Engineering

S. No.	Name of Course	Course Code	
Fourth	Fourth (4 th) Semester		
1	Mechanical Behaviour of Materials	MMT252	
2	Kinetics of Metallurgical Processes	MMT251	
3	Phase Transformation and Heat Treatment	MMT250	
4	Powder Metallurgy	MMT254	
5	Non-Ferrous Metal Extraction	MMT253	
6	Mineral Dressing	MMT255	
7	Laboratory Practice in Mechanical Behaviour of Materials	MML257	
8	Laboratory Practice in Heat Treatment	MML256	
9	Laboratory Practice in Mineral Dressing	MML259	
10	Laboratory Practice in Powder Metallurgy	MML258	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Electronics & Communication Engineering

S. No.	Name of Course	Course Code	
Fourth	Fourth (4 th) Semester		
1	Electronics II	ECT256	
2	Digital Electronics and Logic Design	ECT251	
3	Electronics II	ECT250	
4	Communications Systems I	ECT252	
<mark>5</mark>	Basic Electronics	ECT254	
<mark>6</mark>	Communication System	ECT253	
<mark>7</mark>	Digital Electronics and Logic Design	ECT257	
8	Digital Electronics and Logic Design	ECT255	
9	Electronics II Lab	ECL253	
<mark>10</mark>	Communication Systems Lab	ECL255	
11	Digital Electronics and Logic Design Lab	ECL254	
<mark>12</mark>	Basic Electronics Engineering Lab	ECL256	
<mark>13</mark>	Communication System Lab	ECL258	
<mark>14</mark>	Digital Electronics and Logic Design Lab	ECL251	

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DATED: 18/11/2023

(Theory / Lab. Course(s)-ANNEXURE-I)

List of Courses for Winter Semester 2023-24

Department of Chemical Engineering

S. No.	Name of Course	Course Code
Fourth	(4 th) Semester	
1	Heat Transfer	CET251
2	Mechanical Operations	CET252
3	Process Instrumentation	CET254
4	Fluid Mechanics & Mechanical Operations Lab	CEL255

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