



**ACADEMIC AFFAIRS SECTION
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
Guwahati - 781039, Assam, India**

Ref No. IITG/Acad/July-Nov /24-25/11228

Date: 10/12/2024

NOTICE

Sub: Supplementary-cum-Improvement Examinations of Monsoon Semester – 2024.

As per the provisions of supplementary examinations, a student of UG/MA/MSc who is having “FP” grade in a course is eligible to write the supplementary examination of the course. The list of courses of Monsoon Semester – 2024 for which the supplementary examinations shall be held during 26 – 31 December, 2024 is placed at **Annexure – I**. Any student who secured “FP” grade in a course in any of the previous semesters and the course is not appearing in the list, s/he may request the concerned department for offering the supplementary examination using **Form 27** available on the Academic Section website under General Forms.

If the supplementary examination for a course is available, a student of UG/MA/MSc with “DD” or “CD” grade in the course can register to the examination for improving the grade. The improvement will be permitted only once. The better grade will be considered for CPI calculation.

The registration modalities of supplementary examinations will be issued separately in due course of time.

This is issued with the approval of competent authority.



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HoS (Academic Affairs)

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Annexure – I

Updated on: 19-12-2024

List of Courses for Supplementary Examinations of Monsoon Semester - 2024

Sl. No	Course Code	Course Name	L	T	P	C
1.	BT 201	Biochemical Process Calculations	2	1	0	6
2.	BT 203	Biochemistry	3	0	0	6
3.	BT 301	Biophysics	2	1	0	6
4.	BT 612	Systems Biology	3	0	0	6
5.	CE 101	Engineering Drawing	2	0	3	7
6.	CH 101	Chemistry	3	1	0	8
7.	CH 212	Inorganic Chemistry	3	0	0	6
8.	CH 426	Green Chemistry and Technology	3	0	0	6
9.	CH 431	Group Theory and Spectroscopy	3	1	0	8
10.	CL 643	Computer aided applied optimization	2	0	2	6
11.	CS 201	Discrete Mathematics	3	0	0	6
12.	CS 203	Algorithms and Data Structures	3	0	0	6
13.	CS 322M	Digital Logic and Computer Architecture	3	0	0	6
14.	CS 341	Computer Networks	3	0	0	6
15.	CS 343	Operating Systems	3	0	0	6
16.	CS 441M	Software Engineering	3	0	0	6
17.	CS 525	Formal Methods For System Verification	3	0	0	6
18.	CS 549	Computer and Network Security	3	0	0	6
19.	DA 211	Algorithms and Data Structure	3	0	0	6
20.	DA 231	Introduction to Data Science	2	0	2	6
21.	DA 241	Statistical Foundations for Data Science	3	0	0	6
22.	DA 242	Discrete Mathematics	3	0	0	6
23.	DA 321M	Machine Learning	3	0	0	6
24.	DA 341	Applied Time Series Analysis	3	0	0	6
25.	DA 421M	Multi-modal Data Processing and Learning	3	0	0	6
26.	DD 101	Introduction to Design	0	2	0	4
27.	DD 302	Design Analysis	2	0	2	6
28.	DD 401	Design Management	3	0	0	6
29.	EE 101	Basic Electronics	3	1	0	8
30.	EE 203	Semiconductor Devices	3	0	0	6



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Sl. No	Course Code	Course Name	L	T	P	C
31.	EE 204	Circuit Theory	3	1	0	8
32.	EE 205	Principles of Electrical Engineering	3	1	0	8
33.	EE 210	Digital circuits	3	0	0	6
34.	EE 220	Signals and Systems	3	1	0	8
35.	EE 321	Digital Signal Processing	3	0	0	6
36.	EE 331	Principles of Communication	3	1	0	8
37.	EE 340	Electromagnetic Theory	3	0	0	6
38.	EE 627	Biometrics	3	0	0	6
39.	EE 646	Optical Measurement Techniques and Applications	3	0	0	6
40.	HS 119	Sociology of Science	3	0	0	6
41.	HS 133	Introduction to Phonetics	3	0	0	6
42.	HS 214	Industrial Organization	3	0	0	6
43.	HS 239	Economics of Uncertainty and Information	3	0	0	6
44.	HS 501	Essentials of Political Theory	3	1	0	8
45.	HS 519	Economic History of Colonial India	3	1	0	8
46.	HS 522	Quantitative Research Methods in Social Sciences	3	1	0	8
47.	MA 101	Mathematics - I	3	1	0	8
48.	MA 201	Mathematics III	3	1	0	8
49.	MA 211M	Real Analysis	3	0	0	6
50.	MA 222	Elementary Number Theory and Algebra	3	0	0	6
51.	MA 225	Probability Theory and Random Processes	3	1	0	8
52.	MA 251	Data Structures	2	0	2	6
53.	MA 321	Optimization	3	0	0	6
54.	MA 323	Monte Carlo Simulation	0	1	2	4
55.	MA 372	Stochastic Calculus for Finance	3	0	0	6
56.	MA 411M	Differential Geometry	3	0	0	6
57.	MA 423	Matrix Computations	3	0	2	8
58.	MA 501	Discrete Mathematics	3	1	0	8
59.	MA 511	Computer Programming	3	0	2	8
60.	MA 518	Database Management Systems	2	0	2	6
61.	MA 541	Real Analysis	3	1	0	8
62.	MA 550	Measure Theory	3	1	0	8
63.	MA 567	Partial Differential Equations	3	1	0	8
64.	MA 572	Numerical Analysis	3	0	2	8
65.	ME 211	Thermodynamics	2	1	0	6



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Sl. No	Course Code	Course Name	L	T	P	C
66.	ME 214	Fluid Mechanics - I	2	1	0	6
67.	ME 311	Heat Transfer	3	0	0	6
68.	ME 313	Dynamics of Machinery	2	1	0	6
69.	ME 510	Subtractive Manufacturing	3	0	0	6
70.	ME 512	Welding and Additive Manufacturing	3	0	0	6
71.	ME 531	Mechanical Vibrations	3	0	0	6
72.	PH 101	Physics - I	2	1	0	6
73.	PH 201	Mathematical Physics	3	1	0	8
74.	PH 203	Classical Mechanics	2	1	0	6
75.	PH 205	Semiconductor Devices	3	0	0	6
76.	PH 207	Heat and Thermodynamics	3	0	0	6
77.	PH 209	Analog Electronics	2	1	0	6
78.	PH 301	Statistical Mechanics	3	1	0	8
79.	PH 303	Quantum Mechanics II	2	1	0	6
80.	PH 305	Engineering Optics	3	0	0	6
81.	PH 401	Math Phy-I	2	1	0	6
82.	PH 403	Classical Mechanics	3	1	0	8
83.	PH 405	Quantum Mechanics-I	3	1	0	8
84.	PH 407	Computer programming and numerical methods	3	0	2	8
85.	PH 409	Electronics	3	1	0	8
86.	PH 419	Materials Science and Engineering	3	0	0	6
87.	PH 445	Optical Communication Systems	3	0	0	6
88.	MA 102	Mathematics - II	3	1	0	8
89.	CS 101	Introduction to computing	3	0	0	6