



Dr. B R Ambedkar National Institute of Technology Jalandhar

Academic Section

Sub: Redistribution of Subjects and Groups of 1st year students for different Departments

In view of the seat enhancement of 1st year students, the regrouping of 1st year students were necessary. In addition, there were opinions from respective BOS that the 1st year students should not study “Computer Programming” and “Data Structure” in the same semester. The subject “Computer Programming” should be studied in 1st semester, followed by the “Data Structure” in 2nd semester. In view of the same, following are the redistribution of subjects and groups of 1st year students admitted July 2019 onwards for different Departments:

B. Tech. 1st Year, Semester I, GROUP-A (ME/IPE/BT/EC/EE/IT)

Sr.No.	Course Code	Course Title	L	T	P	Credits
1.	PHCI-101 PHCI-103	Applied Physics – A (ME/IPE) Applied Physics – B (BT/EC/EE/IT)	3	1	0	4
2.	MACI-101	Applied Mathematics-I	3	1	0	4
3.	*see at the last	Basic Engineering Course-1	3	1	0	4
4.	HMCI-101	Management, Principles & Practices	3	0	0	3
5.	CSCI-101	Computer Programming	3	0	0	3
6.	MECI-102	Engineering Graphics & CADD	1	0	4	3
7.	PHCI-102 PHCI-104	Applied Physics-A Lab (ME/IPE) Applied Physics – B Lab (BT/EC/EE/IT)	0	0	2	1
8.	CSCI-102	Computer Programming Lab	0	0	2	1
		TOTAL	16	3	8	23

B. Tech. 1st Year Semester I, GROUP-B (CSE/ICE/CH/CE/TT)

Sr.No.	Course Code	Course Title	L	T	P	Credits
1.	CYCI-101 CYCI-102	Applied Chemistry- A (CH/CE/TT) Applied Chemistry-B (CS/ICE)	3	1	0	4
2.	MACI-101	Applied Mathematics-II	3	1	0	4
3.	*see at the last	Basic Engineering Course-1	3	1	0	4
4.	HMCI-102	English Communication & Report Writing	3	0	0	3
5.	IPCI-101	Manufacturing Process	2	0	0	2
6.	IPCI-102	Product Realization through Manufacturing	0	0	4	2
7.	HMCI-103	English Communication Lab	0	0	2	1
8.	CYCI-103	Applied Chemistry Lab	0	0	2	1
9.	CYCI-104	Environmental Science and Technology	3	0	0	3
		TOTAL	17	3	8	24

B. Tech. 1st Year, Semester II, GROUP-A (ME/IPE/BT/EC/EE/IT)

Sr.No.	Course Code	Course Title	L	T	P	Credits
1.	CYCI-101 CYCI-102	Applied Chemistry-A (ME/IP) Applied Chemistry- B (BT/EC/EE/IT)	3	1	0	4
2.	MACI-101	Applied Mathematics-II	3	1	0	4
3.	*see at the last	Basic Engineering Course-2	3	1	0	4
4.	HMCI-102	English Communication & Report Writing	3	0	0	3
5.	IPCI-101	Manufacturing Process	2	0	0	2
6.	IPCI-102	Product Realization through Manufacturing	0	0	4	2
7.	HMCI-103	English Communication Lab	0	0	2	1
8.	CYCI-103	Applied Chemistry Lab	0	0	2	1
9.	CYCI-104	Environmental Science and Technology	3	0	0	3
		TOTAL	17	3	8	24

B. Tech. 1st Year Semester II, GROUP-B (CSE/ICE/CH/CE/TT)

Sr.No.	Course Code	Course Title	L	T	P	Credits
1.	PHCI-101 PHCI-103	Applied Physics – A (CH/CE/TT) Applied Physics-B (CSE/ICE)	3	1	0	4
2.	MACI-101	Applied Mathematics-I	3	1	0	4
3.	*see at the last	Basic Engineering Course-2	3	1	0	4
4.	HMCI-101	Management, Principles & Practices	3	0	0	3
5.	CSCI-101	Computer Programming	3	0	0	3
6.	MECI-102	Engineering Graphics & CADD	1	0	4	3
7.	PHCI-102 PHCI-104	Applied Physics – A Lab (CH/CE/TT) Applied Physics-B Lab (CSE/ICE)	0	0	2	1
8.	CSCI-102	Computer Programming Lab	0	0	2	1
		TOTAL	16	3	8	23

List of Basic Engineering Courses Selected by different Departments

Sr. No.	Department	Basic Engineering Courses opted
1)	Bio Technology	1) Elements of Mechanical Engg. , 2) Data Structure
2)	Civil Engineering	1) Elements of Civil Engg., 2) Elements of Mechanical Engg.
3)	Chemical Engineering	1) Basic Electrical Science. , 2) Elements of Mechanical Engg
4)	Computer Sc & Engg.	1) Basic Electrical Science, 2) Basic Electronics
5)	Electronics & Communication Engg	1) Basic Electrical Science, 2) Data Structures
6)	Electrical Engineering	1) Elements of Mechanical Engg, 2) Basic Electronics
7)	Information Technology	1) Basic Electronics, 2) Basic Electrical Science
8)	Industrial & Production Engg.	1) Elements of Mechanical Engg., 2) Data Structures
9)	Instrumentation & Control Engg.	1) Basic Electronics, 2) Elements of Mechanical Engg.
10)	Mechanical Engineering	1) Elements of Mechanical Engg., 2) Basic Electrical Science
11)	Textile Technology	1) Basic Electronics, 2) Elements of Mechanical Engg.

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