

Maulana Azad National Institute of Technology, Bhopal - 462003
SCHEME FOR B. TECH.& Dual Degree
First Year Only
(2024-25 Onwards)

First Semester

(Section A,B,C,D& E)/(Section F, G, H, I & J)

Course Code	Course Name	Periods per week			Credits
		L	T	P	
MTH24101	Mathematics I	3	1	-	4
PHY24102/ CHY24107	Physics/ Engineering Chemistry	3	-	-	3
CE24103/ EE24108	Engineering Mechanics/ Basic Electrical & Electronics Engineering	3	1	-	4
ME24104/ME24109	Engineering Graphics/ Manufacturing Science	1	-	-	1
CSE24105/CHY24110	Computer Programming & Problem Solving/ Environmental Science	2	-	-	2
HUM24106/BSE24111	Communication Skill/Biology for Engineers	1/2	-	-	1/2
CE24121/EE24125	Engineering Mechanics Laboratory / Basic Electrical & Electronics Engineering Laboratory	-	-	2	1
PHY24122/CHY24126	Physics Laboratory / Engineering Chemistry Laboratory	-	-	2	1
ME24123/ME24127	Engineering Graphics Laboratory / Manufacturing Science Laboratory	-	-	2	1
CSE24124/HUM24128	Computer Programming Laboratory / Language Laboratory	-	-	2	1
SAS24141/ SAS24142/ SAS24143/ SAS24144	(Life Skill Management/ Physical Education)/ (NSS/ Yoga)	-	-	2	1
Total Hours = 25/26		13/14	2	10	20/21
NCC24151	National Cadet Corps I	1	1	-	2

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Second Semester

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Course Code	Course Name	Periods per week			Credits
		L	T	P	
MTH24102	Mathematics II	3	1	-	4
CHY24107/ PHY24102	Engineering Chemistry/Physics	3	-	-	3
EE24108/ CE24103	Basic Electrical & Electronics Engineering/ Engineering Mechanics	3	1	-	4
ME24109/ ME24104	Manufacturing Science/ Engineering Graphics	1	-	-	1
CHY24110/ CSE24105	Environmental Science Computer/ Programming & Problem Solving	2	-	-	2
BSE24111/ HUM24106	Biology for Engineers/ Communication Skill	2/1	-	-	2/1
CHY24125/ PHY24121	Engineering Chemistry Laboratory / Physics Laboratory	-	-	2	1
EE24126/ CE24122	Basic Electrical & Electronics Engineering Laboratory / Mechanics Laboratory	-	-	2	1
ME24127/ ME24123	Manufacturing Science Engineering Laboratory /Graphics Laboratory	-	-	2	1
HUM24128/ CSE24124	Language Laboratory/ Computer Programming Laboratory	-	-	2	1
SAS24141/ SAS24142/ SAS24143/ SAS24144	(Life Skill Management/ Physical Education)/ (NSS/ Yoga)	-	-	2	1
Total Hours = 26/25		14/13	2	10	21/20
NCC24152	National Cadet Corps II	1	1	-	2