

**4-Year, B. Tech.- Geophysical Technology**

**B. Tech. 1st Semester Course Structure**

Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits
1	IDC1	NMCI101	Engineering Mathematics - I	3-0-0	Theory	3
2	DSC1	NGPC101	Geoelectromagnetism	3-0-0	Theory	3
3	DSC2	NGPC102	Geoelectromagnetism Practical	0-0-2	Practical	1
4	ESC1	NPEE101	Introduction to Petroleum Engineering	3-0-0	Theory	3
5	AEC1	NHSA103	Understanding Human Behaviour	2-1-0	Theory	3
6	SEC1	NMES101	Manufacturing Process	2-0-3	Practical	3.5
7	VAC1	NCSV101	Computer Programming	3-0-0	Theory	3
8	VAC2	NCSV102	Computer Programming Lab	0-0-2	Practical	1
						<b>20.5</b>

**B. Tech. 2nd Semester Course Structure**

Sl.	Course Type	Course Code	Course Name	L-T-P	Course Category	Credits
1	IDC2	NPHI101	Engineering Physics	3-0-0	Theory	3
2	IDC3	NPHI102	Engineering Physics Lab	0-0-2	Practical	1
3	IDC4	NMCI102	Engineering Mathematics - II	3-0-0	Theory	3
4	DSC3	NGPC103	Mathematical Geophysics	3-0-0	Theory	3
5	DSC4	NGPC104	Mathematical Geophysics Practical	0-0-2	Practical	1
6	ESC2	NCSE102	Introduction to Algorithms	3-0-0	Theory	3
7	AEC2	NHSA101	Communication Skills	1-0-0	Theory	1
8	AEC3	NHSA102	Communication Skills Lab	0-0-2	Practical	1
9	SEC2	NCES101	Engineering Graphics	1-0-3	Theory	2.5
10	VAC3	NESV101	Environmental Science	3-0-0	Theory	3
						<b>21.5</b>