

Program Elective Courses (Geospatial Engineering)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	CEN-611	Analytical and Digital Photogrammetry	PEC	4	3	-	2	3	-	15	25	20	40	-
2.	CEN-612	Advanced Digital Image Processing	PEC	4	3	-	2	3	-	15	25	20	40	-
3.	CEN-613	Thermal, Microwave and Hyperspectral Remote Sensing	PEC	4	3	-	2	3	-	15	25	20	40	-
4.	CEN-614	Theory and Applications of GIS	PEC	4	3	-	2	3	-	15	25	20	40	-
5.	CEN-615	Geoinformatics for Natural Disasters	PEC	4	3	-	2	3	-	15	25	20	40	-
6.	CEN-616	Geoinformatics for Landuse Surveys	PEC	4	3	-	2	3	-	15	25	20	40	-
7.	CEN-617	Satellite Geodesy	PEC	4	3	-	2	3	-	15	25	20	40	-
8.	CEN-618	Simulation and Modelling of Geospatial Data	PEC	4	3	-	2	3	-	15	25	20	40	-
9.	CEN-638	Climate Change and its Impact on Water Resources	PEC	4	3	1	-	3	-	20-35	-	20-30	40-50	-
10.	CEN-639	Transportation Data Analysis Techniques	PEC	4	3	1	-	3	-	20-35	-	20-30	40-50	-