

ACADEMIC REGULATIONS & COURSE STRUCTURE

For

REMOTE SENSING

(Applicable for batches admitted from 2016-2017)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA
KAKINADA - 533 003, Andhra Pradesh, India

I Semester

S. No.	Subject	L	P	Credits
1	Principles of Photogrammetry	4	-	3
2	Principles of Remote Sensing	4	-	3
3	Principles of Geographical Information Systems	4	-	3
4	Earth Systems	4	-	3
5	Object Oriented programming through JAVA	4	-	3
6	Elective – I I. Data Base Management Systems II. Principles of Geo-data base III. Web Technologies	4	-	3
7	Map Analysis & Photogrammetry Lab & Satellite Image Interpretation Lab	-	3	2
Total Credits				20

II Semester

S. No.	Subject	L	P	Credits
1	Digital Image Processing	4	-	3
2	Advanced Remote Sensing	4	-	3
3	Internet GIS	4	-	3
4	R.S. & GIS Applications In Earth Sciences	4	-	3
5	Geodesy & GNSS	4	-	3
6	Elective – II I. Remote Sensing & GIS for Disaster Management II. Data Warehousing & Data Mining III. Advanced surveying and cartography IV. Advanced Photogrammetry V. Geo-statistical Methods	4	-	3
7	Digital Image Processing Lab & GIS & GPS Lab	-	3	2
Total Credits				20

III Semester

S. No.	Subject	L	P	Credits
1	Comprehensive Viva-Voce	--	--	2
2	Seminar – I	--	--	2
3	Project Work Part – I	--	--	16
Total Credits				20

IV Semester

S. No.	Subject	L	P	Credits
1	Seminar – II	--	--	2
2	Project Work Part - II	--	--	18
Total Credits				20