



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Program wise Curriculum Analysis of (R16)

Program Code	Program Name	No of Courses having focus on			Total Courses	Percentage
		Employability	Entrepreneurship	Skill development		
32	M.Tech – Remote Sensing	4	0	6	8	53%


Coordinator


Chairman, Board of Studies


REGISTRAR
J.N.T. University Kakinada
Kakinada-533003



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Kakinada-533003, Andhra Pradesh (India)

Course wise Curriculum Analysis (R16)

Program Code: 32

Program Name: M.Tech - Remote Sensing

Year: 1

Semester: 1

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
1	Principles of Photogrammetry			
2	Principles of Remote Sensing			
3	Principles of Geographical Information Systems			
4	Earth Systems			
5	Object Oriented programming through JAVA	Yes		
6	Elective-1 1. Data Base Management Systems 2. Principles of Geo-data base 3. Web Technologies	Yes		
7	Map Analysis & Photogrammetry Lab & Satellite Image Interpretation Lab			Yes
Total		2		1



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Course wise Curriculum Analysis (R16)

Program Code: 32

Program Name: M.Tech - Remote Sensing

Year: 1

Semester: 2

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
1	Digital Image Processing			
2	Advanced Remote Sensing			
3	Internet GIS			
4	R.S. & GIS Applications In Earth Sciences	Yes		
5	Geodesy & GNSS			
6	Elective-II 1. Remote Sensing & GIS for Disaster Management 2. Data Warehousing & Data Mining 3) Advanced surveying and cartography 4) Advanced Photogrammetry 5) Geo-statistical Methods	Yes		
7	Digital Image Processing Lab & GIS & GPS Lab			Yes
	Total	2		1



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Course wise Curriculum Analysis (R16)

Program Code: 32

Program Name: M.Tech - Remote Sensing

Year: 2

Semester: 3

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
1	Comprehensive Viva-Voce			
2	Seminar – I			Yes
3	Project Work Part – I			Yes
	Total			2

Program Code: 32

Program Name: M.Tech - Remote Sensing

Year: 2

Semester: 4

Course code	Course name	Employability (Yes/No)	Entrepreneurship (Yes/No)	Skill development (Yes/No)
1	Seminar – II			Yes
2	Project Work Part – I			Yes
	Total			2


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