STRUCTURE OF THE SYLLABUS FOR 2 YEAR PG PROGRAMME

SCHOOL NAME   - RSEES

DEPARTMENT NAME   - GEOGRAPHY

PROGRAMME NAME   - M.Sc. Geoinformatics

1st SEMESTER				
COURSE CODE	**COURSE TITLE**	**LEVEL**	**CREDIT**	**L-T-P**
GEOI164C101	Principles of Remote Sensing; Global Positioning System	400	4	3-1-0
GEOI164C102	Fundamentals of GIS	400	4	3-1-0
GEOI164C103	Cartography & Geo Statistics	400	4	3-1-0
GEOI164C104	Geosciences & Image Interpretation	400	4	3-1-0
GEOI164C115	Practical I	400	4	0-0-4
	Swayam Course (Upcoming)		3/4	
	TOTAL CREDIT FOR 1st SEMESTER	**20+3/4**		

2nd SEMESTER				
COURSE CODE	**COURSE TITLE**	**LEVEL**	**CREDIT**	**L-T-P**
GEOI164C201	Digital Image Processing	500	4	3-1-0
GEOI164C202	Spatial Analysis & Modelling	500	4	3-1-0
GEOI164C204	Geoinformatics in Agriculture, Soil & Land Evaluation	500	4	3-1-0
GEOI164C205	Geoinformatics in Regional and Urban Planning	500	4	3-1-0
dGEOI164C215	Practical II	400	4	0-0-4
	Swayam Course (Upcoming)		3/4	
	TOTAL CREDIT FOR 2nd SEMESTER	**20+3/4**		

TOTAL CREDIT FOR 1st YEAR = 46/48				

3rd SEMESTER				
COURSE CODE	**COURSE TITLE**	**LEVEL**	**CREDIT**	**L-T-P**
GEOI164C301	Advanced Remote Sensing	500	4	3-1-0
GEOI164C302	Research Methodology	500	4	3-1-0
GEOI164C313	Internship	500	8	0-0-8
GEOI164C315	Practical III	500	4	0-0-4
	TOTAL CREDIT FOR 3rd SEMESTER	**20**		

OR 3rd SEMESTER (For students with 3rd and 4th Semester Research)				
	RESEARCH PROJECT – PHASE I	**500**	**20**	

Coursework (12 credits) + Research work (8 credits)				
GEOI164C301	Advanced Remote Sensing	500	4	3-1-0
GEOI164C302	Research Methodology	500	4	3-1-0
GEOI164C313	Research work (Minor)	500	8	0-0-8
GEOI164C315	Practical III	500	4	3-1-0
	Total		**20**	

4th SEMESTER				
COURSE CODE	**COURSE TITLE**	**LEVEL**	**CREDIT**	**L-T-P**
GEOI164C301	Advanced Remote Sensing	500	4	4-0-0
GEOI164C302	Research Methodology	500	4	4-0-0
GEOI164C413	Research work (Major)	500	8	0-0-8
GEOI164C315	Practical III	500	4	4-0-0
OR 4th SEMESTER **(For students with 3rd and 4th Semester Research)**				
	RESEARCH PROJECT PHASE-2		**20**	
GEOI164C413	Dissertation only (for students who have completed only coursework of 20 credits in 3rd Semester for 'Coursework only' in lieu of Research	500	20	0-0-20
Course work with Research (Course work = 8 credits, Research work = 12 credits)				
GEOI164C301	Advanced Remote Sensing	500	4	4-0-0
GEOI164C302	Research Methodology	500	4	4-0-0
GEOI164C413	Research work (Major)	500	12	4-0-0
TOTAL CREDIT FOR 4th SEMESTER= 20				
TOTAL CREDIT FOR 2nd YEAR = 20+ 20 = 40				