

Curriculum Plan

of

Mr. Nabanu Roy

Session: 2022-2023

Department of Geography

July to December (Odd Semesters)

Month	Semesters	Title of the Topics	Sub Topics	No. of Classes	Remarks
July	3 rd Sem - DSC (Theory)	Regional planning	Definition, types of regional planning	8	6 class lectures, 1 PPT based lecture & 1 map observation class
	3 rd Sem - DSC (Practical)	Interpretation of Indian Topographical maps	Plains/Plateaus; scale 1:50000 (Broad physiographic divisions and Drainage)	4	3 class lectures & 1 class for final sheets signature
	3 rd Sem - SEC	Remote Sensing	Definition and Development of Remote Sensing, Platforms of Remote Sensing	8	6 class lectures, 1 class library work & 1 PPT based class
	5 th Sem - DSE (Theory)	Disasters	Definition and concepts: hazards, disasters; risk and vulnerability; classification	8	5 class lectures, 1 class library work, 1 PPT based class & 1 doubt clearing class
	5 th Sem - DSE (Practical)	Field Based Project Report	Planning for Field Trip	4	4 class lectures with hands on activities for field survey
	5 th Sem - SEC	Remote Sensing	Definition and Development of Remote Sensing, Platforms of Remote Sensing	8	6 class lectures, 1 class for library & 1 doubt clearing class

August	3 rd Sem - DSC (Theory)	Regional planning	Formal, Functional, and Planning regions	8	6 class lectures, 1 class library work & 1 PPT based class
	3 rd Sem - DSC (Practical)	Interpretation of Indian Topographic al maps	Natural vegetation and Settlement	4	2 class lectures, 1 hand on class & 1 final sheets signature
	3 rd Sem - SEC	Remote Sensing	Types of Remote Sensing and Photogrammetry	8	6 class lectures, 1 class library work & 1 PPT based class
	5 th Sem - DSE (Theory)	Disasters in India	Flood and Landslide: Causes, Impact, Distribution and Mapping	8	6 class lectures, 1 PPT based session and 1 class for Q&A session
	5 th Sem - DSE (Practical)	Field Based Project Report	Project related activities	4	2 class lectures & 2 hands on practice classes
	5 th Sem - SEC	Remote Sensing	Types of Remote Sensing and Photogrammetry	8	6 class lectures & 2 classes for Problem solving
	1 st Sem - DSC (Theory)	Earth's interior	Earth's interior with special reference to seismology	6	4 class lectures, 1 PPT based class & 1 Q&A session
	1 st Sem - DSC (Practical)	Scale	Definition, merits and demerits; construction of Simple Linear scale	4	2 class lectures, 1 hand on class & 1 final sheets signature
	3 rd Sem - DSC (Theory)	Regional Imbalances and problems of functional regions	Regional Imbalances and problems of functional regions	8	6 class lectures, 1 class library work & 1 PPT based class

September	3 rd Sem - DSC (Practical)	Interpretation of Indian Topographic maps	Transport and communication, Transect chart	4	2 class lectures & 2 hands on class with final sheets signature
	3 rd Sem - SEC	Satellite Remote Sensing	Principles, EMR Interaction with atmosphere and earth surface	8	6 class lectures, 1 PPT based class & 1 class for library work
	5 th Sem - DSE (Theory)	Disasters in India	Drought and Earthquake: Causes, Impact, Distribution and Mapping	8	6 class lectures, 1 PPT based class & 1 doubt clearing session
	5 th Sem - DSE (Practical)	Field Based Project Report	Project related activities	4	3 class lectures & 1 class for analysis previous field report
	5 th Sem - SEC	Satellite Remote Sensing	Principles, EMR Interaction with atmosphere and earth surface	8	6 class lectures, 1 PPT based class & 1 class for library work
October	1 st Sem - DSC (Theory)	Continental Drift and Plate Tectonics Theory	Continental Drift and Plate Tectonics as a theory of global tectonics	8	6 class lectures, 1 class library work & 1 PPT based class
	1 st Sem - DSC (Practical)	Scale	Construction of Comparative Linear Scale and Diagonal Scale	4	2 class lectures, 1 hand on class & 1 final sheets signature
	3 rd Sem - DSC (Theory)	Strategies for Regional planning	Models for Regional Planning: Growth Pole Model of Perroux	8	6 class lectures, 1 class library work & 1 PPT based class
	3 rd Sem - DSC (Practical)	Geological maps	Uniclinal structure	4	3 class lectures & 1 class for final sheets signature
	3 rd Sem - SEC	Satellite Remote Sensing	Satellites (Landsat and IRS) and Sensors	8	6 class lectures, 1 class library work & 1 PPT based class

	5 th Sem - DSE (Theory)	Disasters in India	Tsunami and Cyclone: Causes, Impact, Distribution and Mapping	8	6 class lectures, 1 PPT based class & 1doubt clearing session
	5 th Sem - DSE (Practical)	Field Based Project Report	Primary Data Collection	4	2 class lectures & 2 classes for library work
	5 th Sem - SEC	Satellite Remote Sensing	Satellites (Landsat and IRS) and Sensors	8	6 class lectures, 1 class library work & 1 PPT based class
November	1 st Sem - DSC (Theory)	Folds and Faults	Classification and surface expression	8	6 class lectures, 1 remedial class & 1 class library work
	1 st Sem - DSC (Practical)	Map Projection	Zenithal Gnomonic Projection (Polar Case) and Cylindrical Equal Area Projection	4	2 class lectures & 2 hands on class with final sheets signature
	3 rd Sem - DSC (Theory)	Problem Regions and Regional Planning	Backward Regions and Regional Plans & Special Area Development Plans in India	8	6 class lectures, 1 class library work & 1 class test
	3 rd Sem - DSC (Practical)	Geological maps	Folded structure	4	3 class lectures & 1 class final sheets signature
	3 rd Sem - SEC	Visual Satellite Image Interpretation & Application of Remote Sensing	Visual Satellite Image Interpretation & Application of Remote Sensing in Land use/Land cover mapping	4	2 class lectures, 1 hand on class with final sheets signature & 1 class for class test
	5 th Sem - DSE (Theory)	Response and	Mitigation and preparedness, NDMA	8	6 class lectures, 1 PPT based

		mitigation to disasters	and NIDM; Indigenous Knowledge and Community-Based Disaster Management		lectures & 1 class test
	5 th Sem - DSE (Practical)	Field Based Project Report	Activities after Primary Data Collection	4	To field visit for primary data collection and prepare the project report
	5 th Sem - SEC	Visual Satellite Image Interpretation & Application of Remote Sensing	Visual Satellite Image Interpretation & Application of Remote Sensing in Land use/Land cover mapping	8	6 class lectures, 1 PPT based lectures & 1 class test
December	1 st Sem - DSC (Theory)	Principal geomorphic agent	Classification and evolution of fluvial and coastal landforms	6	4 class lectures, 1 PPT based lectures & 1 class test
	1 st Sem - DSC (Practical)	Map Projection	Simple Conical Projection with one standard parallel and Sinusoidal Projection	4	2 class lectures, 1 hand on class & 1 final sheets signature
	3 rd Sem - DSC (Theory)	-----	-----	6	Preparation of final Examination & Doubt clearing session
	3 rd Sem - DSC (Practical)	Topographic al maps & Geological maps	-----	4	Preparation of final Examination, Doubt clearing Session & Remedial Class
	3 rd Sem - SEC	----	-----	4	Preparation of final Examination

					& Doubt clearing session
	5 th Sem - DSE (Theory)	----	-----	6	Preparation of final Examination & Doubt clearing session
	5 th Sem - DSE (Practical)	Field Based Project Report	Activities after Primary Data Collection	4	4 classes to Preparation for project report & signature the final project report
	5 th Sem - SEC	----	-----	6	Preparation of final Examination & Doubt clearing session

Signature of the Teacher