

Course Structure M.Sc. (Geoinformatics) (Effective from 2017-18)

Semester I	
Paper No.	Paper Title
PS01CGIN21	Principles of Remote Sensing
PS01CGIN22	Principles of Geographical Information System
PS01CGIN23	Principles and Applications of GPS
PS01CGIN24	Advanced Programming Concepts & Data Structures
PS01CGIN25	RDBMS & Client Server Computing
PS01CGIN26	Practical based on PS01CGIN22, PS01CGIN24 & PS01CGIN25

Semester II	
Paper No.	Paper Title
PS02CGIN21	Digital Image Processing
PS02CGIN22	Spatial Analysis and Modeling
PS02CGIN23	Java Programming
PS02CGIN24	Web Programming
PS02CGIN25	Practical based on PS02CGIN21, PS02GCIN23 & PS02GCIN24
Elective:	
PS02EGIN21	Natural Resources Management
PS02EGIN22	Disaster Management

Semester III	
Paper No.	Paper Title
PS03CGIN21	Spatial Data Infrastructure & Web GIS Services
PS03CGIN22	QGIS Tools and Applications Development
PS03CGIN23	Visual Programming
PS03CGIN24	Android & iPhone Applications Development
PS03CGIN25	Practical based on PS03CGIN22 and PS03CGIN24
Elective:	
PS03EGIN21	Geoinformatics Application in Governance
PS03EGIN22	Geoinformatics Application in Utility Management

Semester IV	
Paper No.	Paper Title
PS04CGIN21	Project Work