



Estd. 1999

Institute of Science & Technology for Advanced Studies & Research

Constituent College of CVM University

1st Rank among Engg. & Tech. Institutes in Gujarat by KCG (GSIRF) - 2020

Recognized under Section 2(f) and 12(B) of the UGC Act, 1956



Course Structure M.Sc. (Geoinformatics) (Effective from 2020-21)

Semester I	
Paper No.	Paper Title
101400101	Principles of Geographical Information System
101400102	Principles and Applications of GPS
101400103	Principles of Remote Sensing
101400104	Practical 1
101400105	Practical 2
101400106	Comprehensive Viva-Voce
Elective:	
101400107	Python Programming
101400108	Photogrammetry

Semester II	
Paper No.	Paper Title
101400201	Digital Image Processing
101400202	Spatial Analysis and Modeling
101400203	Web Programming
101400204	Practical 1
101400205	Practical 2
101400206	Comprehensive Viva-Voce
Elective:	
101400207	Natural Resources Management
101400208	Disaster Management

Semester III	
Paper No.	Paper Title
101400301	Spatial Data Infrastructure & Web GIS Services
101400302	QGIS Tools and Applications Development
101400303	Mobile GIS
101400304	Practical 1
101400305	Practical 2
101400306	Comprehensive Viva-Voce
Elective:	
101400307	Geoinformatics Application in Governance
101400308	Geoinformatics Application in Utility Management

Semester IV	
Paper No.	Paper Title
101400401	Project Work
101400402	Comprehensive Viva-Voce