

Module- 2 Global Navigation Satellite System and Geographical Information System Module/ Course Coordinator: Shri Ashutosh Bhardwaj & Shri Prasun Kumar Gupta				
17 Sep 18	Monday	1600-1730 hrs	Introduction to GPS and GNSS	Er. Ashutosh Bhardwaj
18 Sep 18	Tuesday	1600-1730 hrs	GPS receivers, processing methods, errors and accuracy	Er. Ashutosh Bhardwaj
19 Sep 18	Wednesday	1600-1730 hrs	Satellites based Augmentation systems & GPS Aided and GEO Augmented Navigation (GAGAN)	Er. Ashutosh Bhardwaj
20 Sep 18	Thursday	1600-1730 hrs	Break	
21 Sep 18	Friday		Muharram	
22 Sep 18	Saturday			
23 Sep 18	Sunday			
24 Sep 18	Monday	1600-1730 hrs	GPS signal characteristics, Data formats (broadcast, precise ephemeris)	Shri S. Raghavendra
25 Sep 18	Tuesday	1600-1730 hrs	Indian Regional Navigation Satellite System (IRNSS)	Er. Ashutosh Bhardwaj & Shri Kamal Pandey
26 Sep 18	Wednesday		Break	
			DGPS demonstration (Pre-recorded followed by live query session)	Offline
27 Sep 18	Thursday	1600-1730 hrs	Advance GNSS processing	Shri Suresh Kannaujya
28 Sep 18	Friday	1600-1730 hrs	Mobile Mapping	Dr. Harish Chandra Karnatak
	Saturday			
	Sunday			
Geographical Information System				
Module/ Course Coordinator: Shri Prasun Kumar Gupta				
01 Oct 18	Monday	1600-1730 hrs	Introduction to GIS	Dr. Sameer Saran
02 Oct 18	Tuesday	Gandhi Jayanthi		
03 Oct 18	Wednesday	1600-1730 hrs	Geographic Phenomena, Concepts and examples	Shri Prasun Kumar Gupta
04 Oct 18	Thursday	1600-1730 hrs	Data Inputting and Editing in GIS	Shri K. Shiva Reddy
05 Oct 18	Friday	1600-1730 hrs	GIS Data Models (Spatial and Non spatial)	Shri Ashutosh Kumar Jha
06 Oct 18		Saturday		
07 Oct 18		Sunday		
08 Oct 18	Monday	1600-1730 hrs	Map Projection Concepts & Use in RS & GIS	Dr. Ashutosh Srivastav
09 Oct 18	Tuesday	1600-1730 hrs	Spatial Analysis - Introductory Concepts and Overview	Shri Prabhhar Alok Verma
10 Oct 18	Wednesday	1600-1730 hrs	Spatial Analysis - Functionality and Tools	Shri Kapil Oberai
11 Oct 18	Thursday	1600-1730 hrs	Demo of QGIS Software – Session 01: Adding GIS Data, Attribute table & Identity tool Change symbology, Create map composers Manage plugins, CRS & EPSG Geo-referencing & Tie-points, RMSE & Rectification	Recorded Lecture
12 Oct 18	Friday	1600-1730 hrs	Demo of QGIS Software – Session 02: (Data Creation/Vector Generation) Digitization, Setting digitizing environment Adding attributes, Editing digitized layer Attribute Queries, Spatial Queries Linking spatial & non-spatial data	Recorded Lecture
13 Oct 18		Saturday		
14 Oct 18		Sunday		
15 Oct 18	Monday	1530-1555hrs	Interactive Session of Demo of QGIS Software – Session 01 & Session 02	Shri Prasun Kumar Gupta
	Tuesday	1600-1730 hrs		
16 Oct 18	Wednesday	1600-1730 hrs	Data Quality & Policies OGC, NSDI & GSDI initiatives. Discussion on Internet resources	Dr. Harish Karnatak
17 Oct 18	Thursday	1600-1730 hrs	Advanced Geospatial Modeling	Shri Ashutosh Kumar Jha
18 Oct 18	Friday	1600-1730 hrs	BREAK	
19 Oct 18	Monday		Dussehra	
20 Oct 18			Saturday	
21 Oct 18			Sunday	

22 Oct 18	Monday	1600-1730 hrs	Uncertainty in GIS and Error Propagation	Shri Hari Shankar
23 Oct 18	Tuesday	1600-1730 hrs	3D GIS, City Models and Applications	Dr. Sameer Saran
24 Oct 18	Wednesday	1600-1730 hrs	BREAK	
25 Oct 18	Thursday	1600-1730 hrs	Recent Trends in Geoinformatics	Dr. Sameer Saran
26 Oct 18	Friday	1600-1730 hrs	Panel Discussion of Module 2	All Faculty

Note: *RS & GIS Applications Module and Course schedule will be updated soon..*

36th Course Consist 03 Module

- 1- *Remote Sensing & Digital Image Analysis*
- 2- *Global Navigation Satellite System and Geographical Information System*
- 3- *RS & GIS Applications*

There will be 03 exam for Basic of RS, GIS & GNSS

And a single exam for Course no 37,38 and 39th course

SI No	Exam Name	Exam Date
1-	Online Examination 36 th Course on Module1 <i>Remote Sensing & Digital Image Analysis</i>	24 Sept 2018
2-	Online Examination 37 th Course on <i>Remote Sensing & Digital Image Analysis</i>	24 Sept 2018
3-	Online Examination Module- 2 Global Navigation Satellite System and Geographical Information System	Will be informed shortly
4-	Online Examination of 38 th Course on Global Navigation Satellite System and Geographical Information System	Will be informed shortly
5-	Online Examination Module- 3 Course on <i>RS & GIS Applications</i>	Will be informed shortly
6-	Online Examination of 39 th Course on <i>RS & GIS Applications</i>	Will be informed shortly