

Revised: 26 Sep 2023

Module- 2: Global Navigation Satellite System
Module/ Course Coordinator: Dr. Ashutosh Bhardwaj

Course Duration: 25-09-2023 to 06-10-2023

Date	Day	Time	Topic	Speaker
25-09-2023	Monday	1600-1700 hrs	Satellite Navigation*- I	Dr. Ashutosh Bhardwaj
		1700-1730 hrs	Interactive Session	
26-09-2023	Tuesday	1600-1700 hrs	DGPS demonstration (Pre-recorded followed by live query session)	Offline
		1700-1730 hrs	Interactive Session	Dr. Ashutosh Bhardwaj
27-09-2023	Wednesday	1600-1700 hrs	Satellite Navigation*- II	Dr. Ashutosh Bhardwaj
		1700-1730 hrs	Interactive Session	
28-09-2023	Thursday	Holiday		
29-09-2023	Friday	1600-1700 hrs	GPS receivers, processing methods, errors and accuracy	Dr. Ashutosh Bhardwaj
		1700-1730 hrs	Interactive Session	
SAT				
SUN				
02-10-2023	Monday	Holiday		
03-10-2023	Tuesday	1600-1700 hrs	GPS signal characteristics, Data formats (broadcast, precise ephemeris)	Dr. Ashutosh Bhardwaj & Shri Ashish Joshi
		1700-1730 hrs	Interactive Session	
04-10-2023	Wednesday	1600-1700 hrs	Indian Regional Navigation Satellite System (IRNSS)	Dr. Ashutosh Bhardwaj & Dr. Kamal Pandey
		1700-1730 hrs	Interactive Session	
05-10-2023	Thursday	1600-1700 hrs	Satellites based Augmentation systems & GPS Aided and GEO Augmented Navigation (GAGAN)	Dr. Ashutosh Bhardwaj
		1700-1730 hrs	Interactive Session	
06-10-2023	Friday	1600-1700 hrs	Advance GNSS processing	Dr. Suresh Kannaujiya
		1700-1730 hrs	Interactive Session	