

**95<sup>th</sup> IIRS Outreach Programme**  
**Global Navigation Satellite System and Location based services**  
**Target Participants- Students & working professionals**  
**Course Duration- February 21- March 04, 2022**

**Tentative Schedule**

**(Timing 1600 hrs – 1730 hrs)**

<b>S. No.</b>	<b>Topic</b>	<b>Date &amp; Time</b>	<b>Resource Person</b>
1	Overview of Global Navigation Satellite System and GPS/ DGPS.	21/02/2022	Dr. Ashutosh Bhardwaj, IIRS
2	Satellite Based Augmentation System and Indian Regional Navigation Satellite System (IRNSS)/ NavIC.	22/02/2022	Dr. Ashutosh Bhardwaj, IIRS
3	Application of GNSS for disaster management system.	23/02/2022	Guest Lecture
4	Application of GNSS in Land Resource Surveying.	24/02/2022	Dr. Anil Kumar, IIRS
5	The applications of GNSS in Geodynamics studies.	25/02/2022	Shri. Suresh Kannaujiya, IIRS
6	GNSS application for atmospheric studies.	28/02/2022	Dr. Ashutosh Srivastav, IIRS
7	<del>GNSS Reflectometry and its applications in Soil moisture, Snow depth and Water level related studies.</del>	01/03/2022	<del>Dr. Hari Shankar Srivastav, IIRS</del>
8	Applications of GNSS in Urban Studies	02/03/2022	Dr. Pramod Kumar, IIRS
9	Concept of crowdsourcing and Geo-fencing using GNSS.	03/03/2022	Mr. Kamal Pandey, IIRS
7	GNSS Reflectometry and its applications in Soil moisture, Snow depth and Water level related studies.	04/03/2022 1500hrs – 1600hrs	Dr. Hari Shankar Srivastav, IIRS
10	Societal applications of GNSS for Location Based Services (LBS)- civilian & governance.	04/03/2022 1615hrs – 1730hrs	Dr. Harish Karnatak, IIRS

(Course Coordinator)