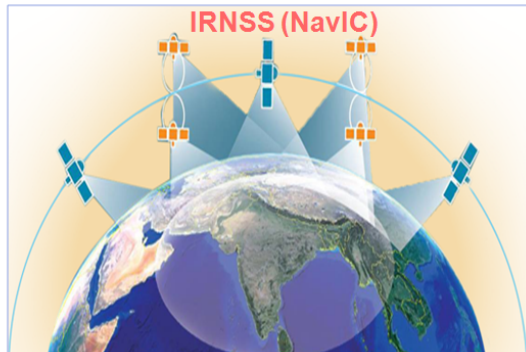
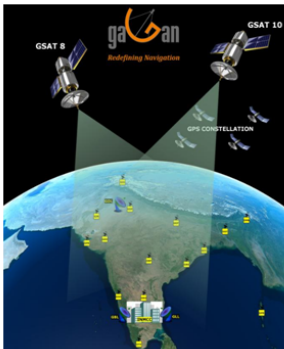


## 2 Days Satellite Navigation Course on (IRNSS & GAGAN)

June 01-02 & October 30-31, 2017

Satellite Based Navigation service is an emerging technology widely used for commercial and strategic applications. Satellite Navigation System is the most important spatial infrastructure that supports social and military applications in modern times in providing position, navigation and timing services. ISRO is committed to provide the satellite based Navigation services to meet the emerging demands of the Civil Aviation requirements as well as public/user needs through independent satellite navigation system. To meet the Civil Aviation requirements, ISRO is working jointly with Airport Authority of India (AAI) and established the GPS Aided Geo Augmented Navigation (GAGAN) system. To meet the user requirements ISRO has evolved indigenous regional satellite navigation system called Indian Regional Navigation Satellite System (IRNSS/ NavIC). These systems facilitate people in Mapping, Surveying, Remote Sensing data collection/validation, Geographical Information System (GIS), Location Based Services (LBS) and extensively used in disaster management, emergency response, land/ aviation/ maritime transportation applications.



### Training Focus:

The course provides an overview of current Global and Regional Navigation Systems and Satellite Based Augmentation Systems (SBAS) with special emphasis on indigenous navigation systems such as. IRNSS and GAGAN. Basic concepts of satellite navigation, receiver functionalities & operations, satellite navigation system errors, various augmentations systems that are available for enhanced service and end-user applications will be addressed in this course. The course will focus on both theoretical knowledge and operations with necessary demonstrations/practical's. The course is designed to provide proficiency on key aspects of receivers, data collection methods, post processing techniques and real time applications.