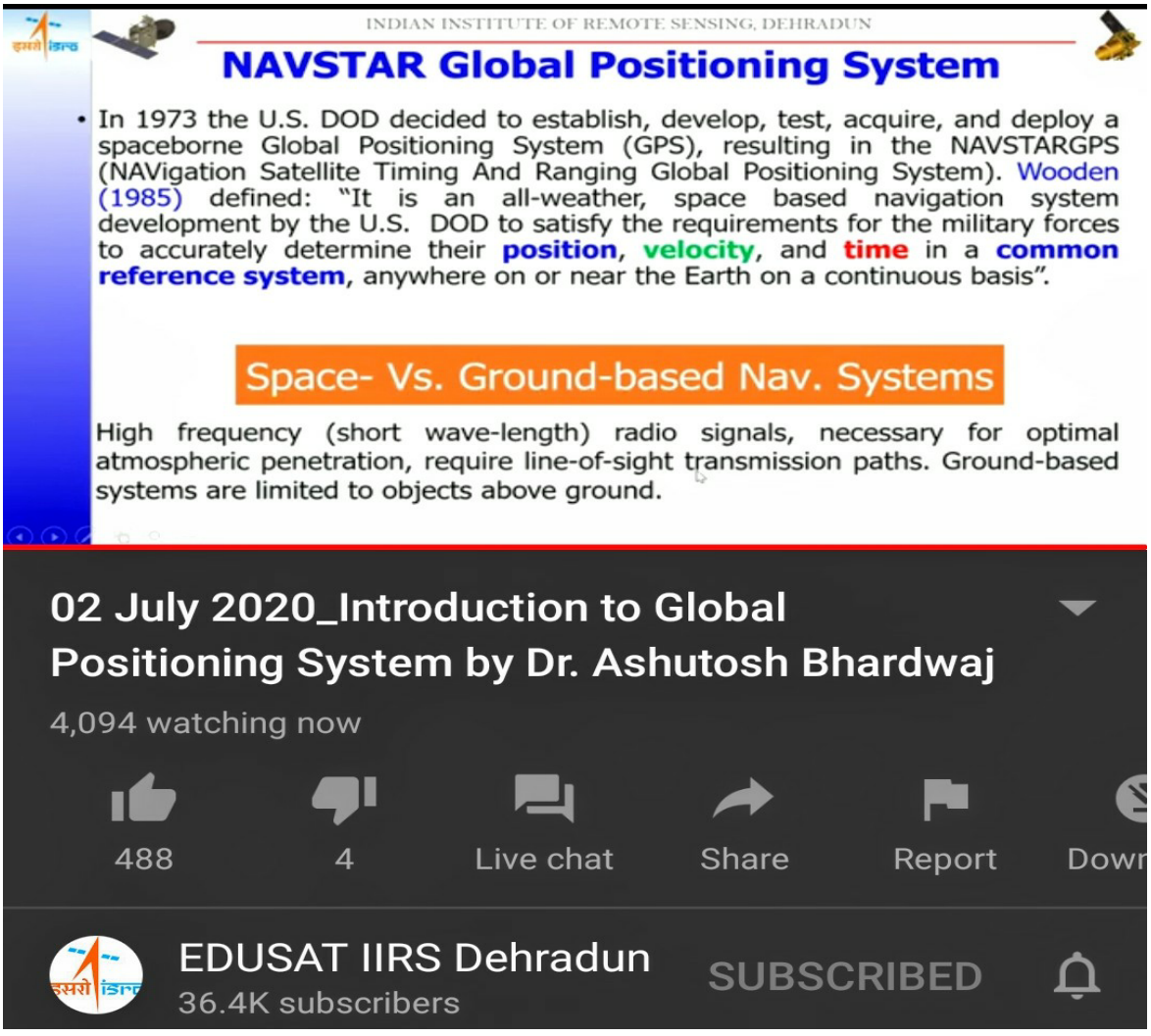
DAILY ASSESSMENT FORMAT

Date:	02-07-2020	Name:	Abhishek
Course:	Satellite Photogrammetry and its Application	USN:	4al17ec001
Topic:	Global Positiining System	Semester & Section:	6 & 'A'
Github Repository:	Abhishek-online-courses		

SESSION DETAILS
Image of session



Report –

Global Positioning System

- The **Indian Regional Navigation Satellite System (IRNSS)**, with an operational name of **NavIC** (acronym for Navigation with Indian Constellation) is an autonomous regional satellite navigation system that provides accurate real-time positioning and timing services.
- It covers India and a region extending 1,500 km (930 mi) around it, with plans for further extension.
- An extended service area lies between the primary service area and a rectangle area enclosed by the 30th parallel south to the 50th parallel north and the 30th meridian east to the 130th meridian east, 1,500–6,000 km (930–3,730 mi) beyond borders.
- The system currently consists of a constellation of seven satellites,[1][6] with two additional satellites on ground as stand-by.
- NavIC will provide two levels of service, the "standard positioning service", which will be open for civilian use, and a "restricted service" (an encrypted one) for authorised users (including the military).
- NavIC based trackers are compulsory on commercial vehicles in India.