

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Civil Engineering - NOC:Global Navigation Satellite Systems and Applications

Subject Co-ordinator - Prof. Arun K. Saraf

Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to Global Navigation Satellite System (GNSS)
- Lecture 2 - How position is determined by the GNSS? - Part I
- Lecture 3 - How position is determined by the GNSS? - Part II
- Lecture 4 - How position is determined by the GNSS? - Part III
- Lecture 5 - NAVSTAR - Global Positioning System
- Lecture 6 - Global Navigation Satellite System (GLONASS)
- Lecture 7 - BeiDou Navigation Satellite System (BDS)
- Lecture 8 - Indian Regional Navigation Satellite System (IRNSS)
- Lecture 9 - GALILEO
- Lecture 10 - Quasi-Zenith Satellite System (QZSS)
- Lecture 11 - Differential Global Navigation Satellite System (DGNSS)
- Lecture 12 - Real-Time Kinematic (RTK)
- Lecture 13 - Satellite Based Augmentation System (SBAS)
- Lecture 14 - GNSS Errors
- Lecture 15 - GNSS Correction Methods
- Lecture 16 - Why altitude estimated by GNSS receivers is not very accurate
- Lecture 17 - Global Navigation Satellite Systems (GNSS) Applications - I
- Lecture 18 - Global Navigation Satellite Systems (GNSS) Applications - II
- Lecture 19 - GNSS
- Lecture 20 - GNSS