

AICTE-QIP
SHORT TERM COURSE ON
SATELLITE BASED NAVIGATION
SYSTEM

23-28 NOVEMBER, 2020

Organized by

**Discipline of Astronomy,
Astrophysics and Space Engineering**

ABOUT THE COURSE: This course is very relevant for the Indian **Space program** and provides a unique opportunity for academic researchers and faculty of technical colleges to explore about the recent developments in this field. Course will be beneficial to faculty and researchers, particularly in the field of **Physics, Mathematics, Statistics, Aerospace, ECE, CE and CSE/IT**, who are aspiring to pursue their career in the field of Space Engineering and Technology.

The course will provide concept of satellite based navigation, GPS, Kalman Filter, Indian own GPS like system, NavIC, Space weather, potential challenges, future and applications.



COURSE COORDINATOR

- DR. SAURABH DAS, Assistant Professor, IIT Indore

CONTACT:

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LAST DATE OF APPLICATION:

21 NOVEMBER, 2020

FOR FURTHER DETAILS:

http://www.iiti.ac.in/people/~saurabh.das/QIP_SBNS.htm

VENUE:

IIT Indore Simrol Campus (Online mode)

REGISTRATION FEE

- No registration fee for faculty participants from AICTE approved colleges and institutes.

APPLICATION PROCEDURE

The participants can either send the soft copy of filled registration form to the mentioned mail address or can register online on the link given below **on or before 21 November 2020.**

<https://forms.gle/PhzdHz2i5J85KGe9A>

Participants will receive certificate after successful completion of the course.

COURSE INSTRUCTORS

- Dr. Ashish K. Shukla, SAC, ISRO,
 - Dr. Abhirup Datta, IIT Indore
 - Dr. Saurabh Das, IIT Indore
- And a few faculty from other institute and IIT Indore.

REGISTRATION FORM
AICTE-QIP SHORT TERM COURSE
ON
SATELLITE BASED NAVIGATION
SYSTEM

23-28 NOVEMBER 2020

IIT Indore

Name:_____

Designation:_____

Discipline/Department:_____

Institution/Organization:_____

Address:_____

E-mail id:_____

Gender:_____

Category:_____

Phone/Mobile No:_____

Motivation for joining the
course:_____

Signature of the applicant with date

Signature with seal of Nominating
Authority (for QIP participants)

ABOUT IIT INDORE IIT Indore, located in Indore, Madhya Pradesh, India, is an institute of national importance established by the Government of India in 2009, which has already emerged as a prominent research and teaching institute in the country. It is ranked 351-400 (3rd in India after the IISc Bangalore and IIT Ropar) in the Times Higher Education World University Rankings 2020 and ranked 50 in the Times Higher Education Asian University Rankings 2019.

The Discipline of Astronomy, Astrophysics and Space Engineering(DAASE, formerly the Centre of Astronomy) was initiated in December 2015 as an interdisciplinary division of IIT Indore. Since December 2018, it has become a full-fledged department. It is unique among all IITs, as it offers a dedicated and focused platform to pursue research in Astronomy, Astrophysics and Space Engineering. Our faculty members and students have varied research interests, starting from Satellite Communication; Navigation,

Spacecraft and Payload Control; Remote Sensing and RADAR, Signal and Image Processing; Machine Learning and Big Data; Radio Astronomical Instrumentation; Radio and X-ray Observations; Computational and Observational Cosmology; Large Scale Structures and Galaxy Clusters; Space Weather and Ionosphere; Computational Astrophysics; Neutron Stars, Pulsars and Black Holes; Transients; Star and Planet Formation etc.

Getting in and around Indore is well connected to most of the major cities in India. Its local airport has several direct flights every day to and from New Delhi, Mumbai, Bangalore, Ahmedabad, Chennai, Kolkata, Hyderabad etc. Most of the tourist attractions in and around Indore can be reached by car. The Uber and Ola mobile apps are the best options to hire a taxi for a trip within and outside Indore.