

QIP SHORT TERM COURSE

ON

GNSS AND SPACE WEATHER

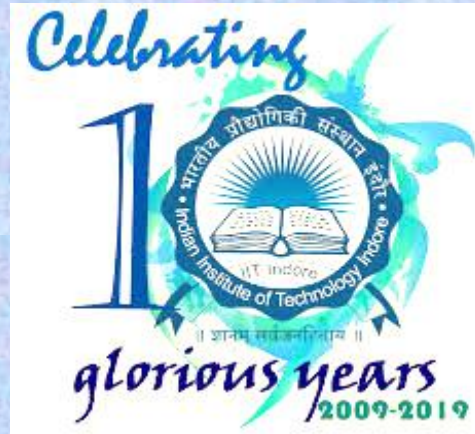
17-21 FEBRUARY 2020

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, who are aspiring to pursue their career in the field of Space Engineering and Technology.

The course will provide basic concept of satellite based navigation, space weather and wave propagation, Indian own GPS like system, NavIC, and potential challenges and application of Space Weather in other engineering sectors.



VENUE

IIT Indore Simrol Campus

COURSE COORDINATORS

- DR. SAURABH DAS
Assistant Professor
- DR. ABHIRUP DATTA
Associate Professor

CONTACT:

Discipline of Astronomy,
Astrophysics and Space
Engineering
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REGISTRATION FEE

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

Rs. 5000/- for participants from industry and non-AICTE colleges.

Suitable travel and accommodation support will be provided for the outside participants from AICTE approved colleges.

NO. OF SEATS: LIMITED

APPLICATION PROCEDURE

The soft copy / hard copy of filled registration form should be sent to the mentioned contact address on or before 10 February 2020.

COURSE INSTRUCTORS

- Prof. Bruce Tadashi Tsurutani, NASA JPL.
- Dr. Ashish K. Shukla, SAC, ISRO,
- Dr. Saurabh Das, IIT Indore
- Dr. Abhirup Datta, IIT Indore
- Dr. Rajkumar Hajra, IIT Indore

And faculty from other reputed university.

REGISTRATION

FORM

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IIT Indore

Name: _____

Designation: _____

Discipline/Department: _____

Institution/Organization: _____

Address: _____

E-mail id: _____

Gender: _____

Phone/Mobile No: _____

Accommodation and Travel Support

Required: Yes / No _____

Nearest Rail

Station: _____

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

Indore is well connected to most of the major cities in India. Its local airport has several direct flights everyday 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.