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INTEGRAL UNIVERSITY



NATIONAL SEMINAR

on

SPACE SYSTEM: EXPLORING NEW DIMENSIONS

Date: November 17, 2023

Organized by

Department of Electronics & Communication Engineering

Integral University, Lucknow

In collaboration with

ISTRAC, Indian Space Research Organisation (ISRO),

Lucknow

Technically Co-Sponsored By



Integral University IEEE Student Branch
Branch Code: 5TB17474
School Code: 50627114



INTEGRAL UNIVERSITY

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ABOUT INTEGRAL UNIVERSITY

Integral University is a NAAC-accredited with A⁺ state private university founded in 2004 and authorized by the UGC according to sections 2(f) and 12(B) of the UGC Act 1956. The University is also approved by MCI, PCI, BCI, INC, CoA, NCTE, UPSMF, IAP, and DEB. AIU member. University is Recognized as a Scientific and Industrial Research Organization (SIRO) by the Ministry of Science and Technology's Department of Scientific and Industrial Research (DSIR). It boasts an exquisite atmosphere and an intellectually active and lively setting that is extremely conducive to advanced and committed academic endeavors. It features a 120-acre lush green campus. The university is devoted to knowledge generation, dissemination, and preservation. Our academic programs in engineering, medicine, science, the arts, architecture, and management prepare students academically and intellectually to address corporate business concerns. The university has its own Medical, Integral Institute of Medical Sciences and Research, which includes a 850+ bedded multispecialty hospital.

ABOUT DEPARTMENT OF ECE

Electronics and Communication Engineering is a vital part of the Integral University. It generates outstanding graduates, postgraduates, and researchers. The well-equipped laboratories serve as the department's backbone, considerably contributing to the students' practical proficiency. The department provides courses that are both industrially and research-oriented. The Department of Electronics and Communication is one of the University's oldest departments, having been founded in 1998. The department was accredited by the NBA in 2007 & 2012. The department has distinguished itself through its global alumni network.

ABOUT THE ISTRAC ISRO

ISRO Telemetry, Tracking and Command Network (ISTRAC), ISRO mission includes:

- Tracking, commanding and housekeeping data acquisition as well as health analysis and control, orbit and attitude determination and network co-ordination support to all low Earth orbit satellite missions of ISRO throughout their mission life.
- Telemetry data acquisition support for ISRO launch vehicle missions from liftoff until satellite acquisition and down range tracking support for monitoring and determining the satellite injection parameters.
- Coordinating between spacecraft and launch vehicle teams, supporting ground stations right from planning till the completion of mission for the national and international satellite missions.
- Telemetry, tracking and command support for the international satellite launch projects.

OBJECTIVES OF SEMINAR

- Exploration of New Frontiers, such as upcoming missions to unexplored planets, celestial bodies, or deep space.
- Technology and Innovation: To highlight the role of technology and innovation in space systems and how they enable us to reach new dimensions in space exploration.
- Scientific Research: To emphasize the importance of space systems in advancing scientific research, including planetary science, astronomy, and astrophysics.
- With the launching of Chandrayan-III and initiation of Aditya-I Solar mission by ISRO, India has placed itself as leading country in space exploration.

REGISTRATION DETAILS

Registration Fee	
Category	Registration Fee
Students (UG & PG)	100
Faculty/Research Scholar/Others	200

Registration link:

<https://forms.gle/vpqtBoJh3g3vX9SJA>

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Interested candidates should register either through online or offline mode. For online mode, registration fee may be deposited through NEFT.

A/C Holder: IEEE Student Chapter IU Lucknow

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For Offline mode fee can be deposited to Coordinators.



Scan QR for UPI Payment

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