

## Report on Seminar entitled “Role of MOOCs in Autonomous UG Curriculum” held on 24<sup>th</sup> September 2025

On 24<sup>th</sup> September 2025, NDLI Local club of RCCIIT, in association with Induction Program Committee organized a seminar on “**Role of MOOCs in Autonomous UG Curriculum**”, where more than 300 students of first year have taken part. Dr. Deyasi, President of the club delivered the lecture emphasizing the significance of NPTEL and IIRS-ISRO courses as beyond the curriculum initiative.



Dr. Deyasi, in his lecture mentioned that by adding excellent, application-focused learning to standard

university curriculum, NPTEL and IIRS-ISRO online courses significantly improve engineering education for Indian engineering students. Expert lectures, standardized material, and rigorous examinations guarantee conceptual clarity. These courses give students exposure to advanced subjects that are in line with worldwide technology developments, assist them fill up the gaps in classroom instruction, and help them get ready for competitive exams.



He also described that by providing specialized training in remote sensing, geospatial technologies, satellite data analysis, and space applications, IIRS-ISRO courses allow students to make connections between theoretical knowledge and practical national development issues like agriculture, urban planning, disaster management, and climate monitoring. By reaching students from a variety of socioeconomic and geographic backgrounds, these platforms' accessibility—which is sometimes free or inexpensive—promotes inclusive education.

Students' academic profiles, employability, and research preparedness are all improved by certification from reputable national institutions. When taken as a whole, NPTEL and IIRS-ISRO courses promote self-learning, interdisciplinary thinking, and industry-relevant abilities, which greatly aids in the creation of capable, future-ready engineers who are in line with India's scientific and technical goals.

A few glimpses of the program are given

