

NE's first smart bioinformatics lab unveiled at Gauhati varsity

STAFF REPORTER

GUWAHATI, Jan 24: A Smart Bioinformatics Laboratory, the first of its kind in the region, was inaugurated on Saturday at the National Institute of Electronics and Information Technology (NIELIT), Guwahati Centre, located within the Gauhati University campus.

The laboratory was inaugurated by S Krishnan, Secretary, Ministry of Electronics and Information Technology, marking the formal launch of the MeitY-sanctioned project titled "Smart Bioinformatics Ecosystem: Leveraging AI and Cloud Technology for Innovation and Capacity Building in Bioinformatics".

During the visit, the Union Secretary interacted with students at the IndiaAI Laboratory, established under the IndiaAI Mission, and reviewed ongoing training programmes in Artificial Intelligence and Data

Analytics. He also visited the IoT, 3D Printing, and other advanced laboratories at NIELIT Guwahati. Interacting with students, the Secretary emphasised the importance of mastering AI and Machine Learning skills through structured, industry-aligned courses offered by NIELIT.

During discussions with the Vice Chancellor of Gauhati University, the Union Secretary suggested that the integration of AI-based skill modules into the academic curriculum of Gauhati University and its affiliated colleges, in line with the multidisciplinary, skill-oriented, and flexible learning framework of NEP 2020, would greatly benefit students.

In this context, Prof Madan Mohan Tripathi, Vice Chancellor & Director General, NIELIT, requested the Vice Chancellor of Gauhati University to consider the inclusion of NIELIT courses as part of

credit-based skill enhancement programmes in Gauhati University and its affiliated colleges.

NIELIT centres across Assam were highlighted as effective regional learning hubs to support outcome-based education and employability.

The Secretary also reviewed the proposed infrastructure for the Semiconductor Skilling Initiative, planned to be supported by MeitY, and visited the space identified for semiconductor-related training programmes. He underscored the critical importance of developing a skilled workforce to strengthen India's semiconductor ecosystem. NIELIT Guwahati is poised to commence training programmes in semiconductor technologies, preparing students for upcoming industrial opportunities, including the TATA OSAT facility at Jagiroad, said L Lanuwabang, Director, NIELIT Guwahati.

Smart Bioinformatics Laboratory inaugurated

GUWAHATI, Jan 24: The National Institute of Electronics and Information Technology (NIELIT), under the Ministry of Electronics and Information Technology (MeitY), Government of India, continues to play a pivotal role in advancing national capacity in skilling, research, and innovation across emerging technology domains such as Bioinformatics, Artificial Intelligence (AI), Cyber Security, Internet of Things (IoT), Additive Manufacturing, and Semiconductor Technologies, in alignment with national missions and policy frameworks, including the National Education Policy (NEP) 2020.

In a significant milestone for the North Eastern

Region, the Smart Bioinformatics Laboratory, the first of its kind in the region, was inaugurated on Saturday at the NIELIT Guwahati Centre, located within the Gauhati University campus. The laboratory was inaugurated by S. Krishnan, IAS, Secretary, MeitY, Government of India, marking the formal launch of the MeitY-sanctioned project titled "Smart Bioinformatics Ecosystem: Leveraging AI and Cloud Technology for Innovation and Capacity Building in Bioinformatics."

The inauguration ceremony was held in the august presence of Prof. Nani Gopal Mahanta, Vice Chancellor, Gauhati University; Prof. Madan Mohan Tripathi, Vice Chancellor & Director General, NIELIT;

Sushil Pal, Joint Secretary, MeitY; and L. Lanuwabang, Director, NIELIT Guwahati, along with senior officials, faculty members, researchers, and students.

During the visit, the Secretary, MeitY interacted with students at the IndiaAI Laboratory, established under the IndiaAI Mission, and reviewed ongoing training programmes in Artificial Intelligence and Data Analytics. He also visited the IoT, 3D Printing, and other advanced laboratories at NIELIT Guwahati. Interacting with students, the Secretary emphasized the importance of mastering AI and Machine Learning skills through structured, industry-aligned courses offered by NIELIT, stated a release.



