

Boot Camp on AI Organized by NIELIT under Skill Development Centre, AUD

20th - 24th January 2025

The National Institute of Electronics and Information Technology (NIELIT), in collaboration with the Skill Development Centre (SDC) at AUD, successfully organized a five-day Boot Camp on Artificial Intelligence from 20th to 24th January 2025 for students of SVS. Around 85 students from all the verticals (B.Voc Tourism & Hospitality, ECCME, Accounting & Finance, Retail Management) participated in the event. The program was designed to provide participants with in-depth knowledge and hands-on experience in cutting-edge AI technologies, focusing on fostering innovation and skill development among aspiring professionals and students.

The Boot Camp was inaugurated by Prof. Sitanshu Jena, Director of SDC, who extended a warm welcome to the distinguished trainers and participants. Shri Partho Adhikari Ji, Additional Director at NIELIT, graced the event as the lead trainer and mentor, bringing his vast expertise to the sessions. Two project associates, Ms. Neha Kumari and Ms. Ninza Singh, also actively contributed to the training by facilitating interactive and practical sessions on AI tools and applications. The program was skillfully coordinated by Dr. Priya Singh and Dr. Neelu Verma, members of the Skill Development Centre at AUD. Their efforts ensured the seamless execution of the Boot Camp, making it a resounding success.



Participants were exposed to the Python programming language, both theoretically and practically, through an immersive learning experience. They were introduced to the foundational concepts of Python, focusing on its relevance in Artificial Intelligence and Machine Learning. Hands-on sessions allowed students to write and execute Python code directly on computer systems, exploring AI-specific libraries such as NumPy, Pandas, Scikit-learn, and Tensor Flow. These practical exercises reinforced theoretical knowledge, enabling participants to understand data pre-processing, feature engineering, and algorithm implementation effectively.



The program also emphasized the ethical aspects of AI, fostering discussions on the societal impact of AI technologies and addressing challenges in the field. Through these activities, participants gained a well-rounded understanding of AI's potential, practical applications, and future trends, preparing them to contribute meaningfully to this dynamic domain. The progress of students was monitored through continuous assessment, ensuring a strong grasp of the concepts and practical tasks.

The Boot Camp culminated in a group photograph on the last day, symbolizing the shared learning experience and camaraderie among participants. This initiative by NIELIT and SDC reinforces their commitment to empowering individuals with future-ready skills in the dynamic field of Artificial Intelligence

