

3-Day Hands-on Student Development Program on Cloud Computing using Azure

The Department of Electronics and Communication Engineering organized a three-day Hands-on Student Development Program (SDP) on *Cloud Computing using Azure* for seventh-semester EC students from 28th to 30th August 2025.

The program was designed to provide students with practical exposure to cloud computing concepts and their applications on the Microsoft Azure platform. The *Hands-on Student Development Program on Cloud Computing using Azure* was designed to familiarize students with cloud technologies and their practical applications. The sessions covered fundamental concepts of cloud computing, Azure services, and deployment techniques, enabling students to gain both theoretical insights and practical exposure.

The SDP was inaugurated on 28th August 2025 at 9:30 AM by Dr. Vishwanath P, Head of the Department of Electronics and Communication Engineering. The inaugural session was hosted by Prof. Jyoti B. K., in the gracious presence of all faculty members of the department. The distinguished resource persons, Dr. Phanindra Reddy K and Dr. Girija Vani G, were introduced during the session.

Over the course of three days, the workshop included a series of interactive sessions, demonstrations, and hands-on exercises, enabling students to gain real-time experience in cloud computing using Azure. The students actively participated and showcased great enthusiasm throughout the sessions. The workshop created a foundation for future research, projects, and certifications in cloud computing.

Encouraged teamwork, problem-solving, and innovation among participants.

Highlights of the Sessions

- Introduction to Microsoft Azure platform and its features.
- Hands-on labs on Azure Virtual Machines, Storage, and Networking.
- Demonstration of Azure Functions and App Services.
- Practical exercises on deploying and managing applications on Azure.
- Insights into industry practices and career opportunities in cloud computing.

A total of 53 students enrolled for the workshop and expressed that the sessions were both insightful and engaging. Students participated with great enthusiasm, gaining confidence in using Azure services. They worked on live exercises, explored the Azure portal, and learned to deploy applications. Many students expressed that this workshop enhanced their technical knowledge and motivated them to pursue further learning in cloud technologies.

The valedictory ceremony was held on 30th August 2025, hosted by Prof. Jyoti B. K. and presided over by Dr. Vishwanath P. Students shared their positive feedback, highlighting how the SDP helped them build confidence in working with cloud-based platforms.

The workshop was effectively coordinated by Prof. Smita C. Chetti, Prof. Bassamma Patil and Prof. Jyoti B. K., ensuring smooth execution of the event. The SDP was organized with the valuable support of ISTE and IEEE student chapters.

Glimpses of the event

