



AJEENKYA
D Y PATIL UNIVERSITY
THE INNOVATION UNIVERSITY

**School of
Engineering**

Activity Report

Event Title: Webinar on Cloud and Software Defined Networks (SDN).

Organized by: Juniper Networks Cloud & Automation Academy in collaboration with Ajeenkya D Y Patil University.

Date: 13 Sep 2021

Venue: Online ZOOM

Faculty Coordinator: Dr. Biswajeet Champaty

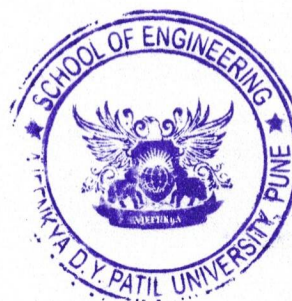
Participants: Students (2nd, 3rd, and final year).

Objective:

The primary objective of the webinar was to introduce participants to the concepts of Cloud Computing and Software Defined Networks (SDN), and their growing relevance in modern networking and automation. It aimed to provide insights into SDN architecture, cloud solutions, and how Juniper Networks' technologies can help in building efficient, scalable, and secure network infrastructures.

Agenda:

1. **Introduction to Cloud Computing and SDN:** Overview of cloud services, infrastructure models (IaaS, PaaS, SaaS), and the fundamentals of Software Defined Networks.
2. **SDN Architecture:** Understanding SDN layers, controllers, and data plane abstraction.
3. **Juniper Networks Cloud Solutions:** Exploring Juniper's cloud automation tools and how they integrate with SDN for optimal performance.
4. **Use Cases and Case Studies:** Practical applications of SDN in industry, including automation, scaling, and network security.
5. **Q&A Session:** Open floor for participants to interact with experts and resolve queries related to cloud and SDN.



Outcomes:

- **Increased Awareness:** Participants gained a comprehensive understanding of how Cloud Computing and SDN are transforming traditional networking.
- **Hands-on Knowledge:** Attendees were introduced to real-world case studies demonstrating the implementation of SDN, equipping them with practical knowledge.
- **Skills Development:** The webinar helped participants understand the role of Juniper's solutions in automating and managing cloud-based networks, which can assist in future networking and automation tasks.
- **Networking Opportunities:** The event provided a platform for students and professionals to interact with experts from Juniper Networks, fostering potential collaborations and learning pathways.

This webinar aligned with the growing demand for cloud and SDN expertise in the tech industry and provided attendees with insights into leveraging these technologies for future innovations.

Glimpses of the Activity

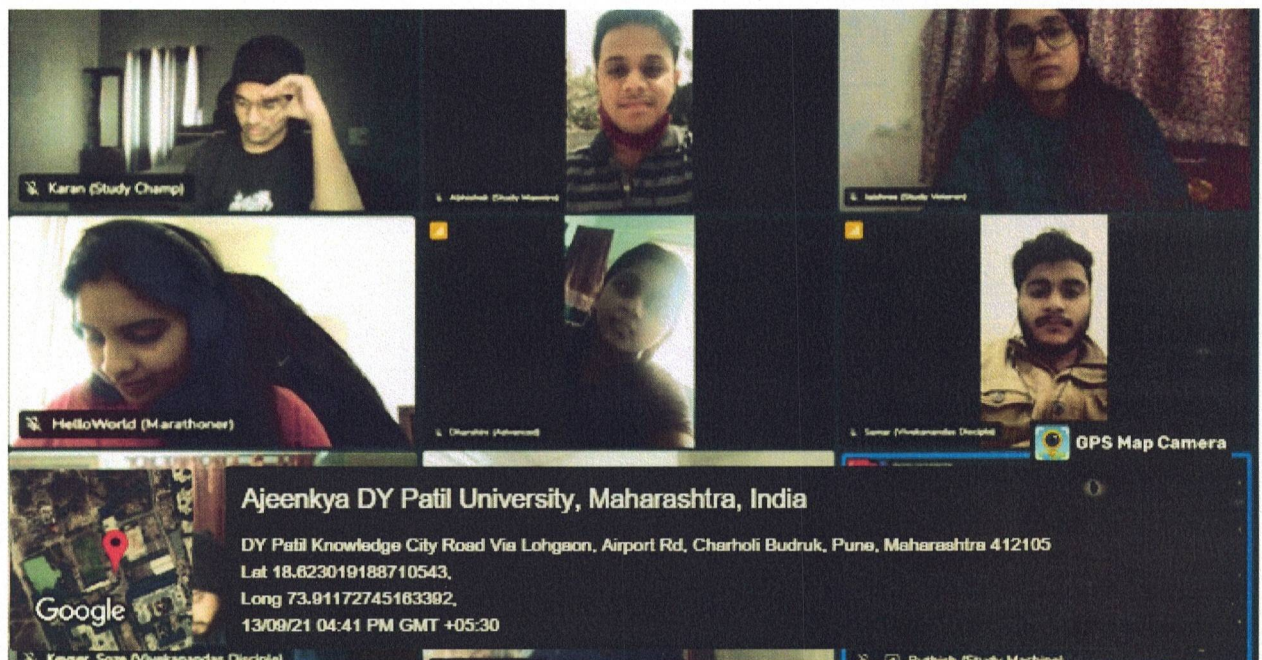


Fig: Webinar on Cloud and Software Defined Networks (SDN).

