JB INSTITUTE OF ENGINEERING & TECHNOLOGY
UGC Autonomous
Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH

Department of Computer Science and Engineering

DETAILED REPORT ON

NATIONAL LEVEL ONE-WEEK FACULTY DEVELOPMENT PROGRAM ON
"Cloud Infrastructure"
(12th to 17th DECEMBER 2022)

JB Institute of Engineering & Technology (A) has organized a one-week Faculty Development Programme on **"Cloud Infrastructure"** from **December 12th to December 17th, 2022**. This FDP programme received an overwhelming response with participants from various institutes/colleges approved by AICTE and affiliated to various universities across the arena of India.

Date: 12th December 2022

Inauguration:

Dr. P.C. Krishnamachary, Principal, JBIET, along with Mr. Murthy, Director of JB Group of Educational Institutions, Dr.Niraj Upadhayaya, Dean-R&D; Dr.Salaludin, Dean of Academics; Dr.G.Sreenivasulu, Head of the Department, CSE Department, and Convener of the Faculty Development Programme.

All the dignitaries and delegates are welcomed by Dr.G.Sreenivasulu, Convener, FDP. In his welcome speech, he highlighted the importance and objectives of organising this faculty development programme. In his speech, he added that how cloud computing provides additional benefits like a lower cost of ownership, greater flexibility and Scalability.

In his inaugural speech, worthy **Dr. P.C. Krishnamachary, Principal, JBIET,** thanked the management and secretary for conducting the Faculty Development Programme on "**Cloud Infrastructure**". He emphasised that technical skills among teachers can be built only through faculty development programs.

Dr. Md. Salauddin appreciated **Dr.G.Sreenivasulu, Associate Professor & HOD-CSE and Convener,** for conducting a programme on the latest trends in computer science and engineering.

The Speakers addressed the following topics during the six days sessions:

- Introduction to Cloud Computing and Cloud Providers.

- Role of Cloud Infrastructure, Hypervisors and Containers.

- Networking in the cloud, Storage Services.

- Compute Resources and Databases in the Cloud.

- Security and Compliance(Identity and access Management (IAM), Encryption and Data protection).

- Monitoring and Management Tools , Cost Management.

- Serverless Computing and Hybrid Cloud Solutions.

- DevOps in the Cloud.

- Emerging Technologies and case Studies.

Sessions	Resource Person	Topic
Day 1 – Day 6 12.12.2022 – 17.12.2022	**Mr. Srinivas, Mr. Santhosh & Mr. Madhukar of V-Cube Software Solutions Pvt. Ltd., Hyderabad.**	Cloud Infrastructure