



KONERU LAKSHMAIAH  
EDUCATION FOUNDATION  
KLEF



# PRACTICING CLOUD COMPUTING WITH AWS

AICTE SPONSORED  
**SHORT TERM**  
TRAINING PROGRAM

## About Institute

The KL College of Engineering was started in the Academic Year 1980-81 and attained autonomous status in 2008. Koneru Lakshmaiah Education Foundation (K L E F) is recognized as a Deemed to be university in February 2009, under section 3 of UGC act, 1956. The sprawling green fields campus is established in 100 acres at Vaaddeswaram, which is just 8 km away from Vijayawada main city. The university offers more than 15 courses at bachelor's level, 26 courses at master's level, and doctoral programs. The total students' strength of KLEF University at Vijayawada would be around 16000. NAAC assessed the University and accredited for a period of five years from 2018 to 2023 with CGPA of 3.57 and A++ grade. The university is accredited as Category 1 university with a preferred institute status.

## Department of CS&IT

CS&IT - The Department of COMPUTER SCIENCE & INFORMATION TECHNOLOGY (CS&IT) is started in the year 2020 which offers Undergraduate program (B.Tech.), and Ph.D. (Doctor of Philosophy) with well experienced faculty who contribute immensely for the all-round development of students of the Department. The four-year undergraduate program is a blend of engineering and tool-based skill-driven learning.

CSE - The Department of CSE has started in the year 1980 and has grown up exponentially in size and quality. Currently the department has 459 faculty members with more than 50% of them being doctoral degree holders with vast experience in academia, research and industry which helps impart quality education to the students in various specialized domains of Computer Science and Engineering at both undergraduate and post graduate level including the doctoral programs.

## About STTP

AICTE Short Term Training Program (STTP) is planned to deliver key understanding and hands on to learn real world application scenarios of Cloud Computing on AWS along with its social and economic impact using various case studies.

## STTP Objectives

To get knowledge about managing various AWS resources and Services.

- ✓ To formulate solution plans and learn about AWS Compute, Storage and Network services.
- ✓ To know about AWS Global Infrastructure.
- ✓ To understand the access control and management features of AWS.

## STTP Outcomes

- Participants are able to
- ✓ Gain in depth understanding of AWS and its implications in cloud computing.
  - ✓ Gain a deeper understanding on how to integrate AWS cloud resources and services into any cloud-computing application or project.
  - ✓ Gain working knowledge of how to set up an EC2 instance, how to deploy a web application using elastic beanstalk, and a good understanding of why cloud technologies are good for CI/CD pipeline setup, etc.

## Resource Persons

Eminent Speakers from premier academic institutions such as IITs / IIITs / NITs and Industry experts will deliver the lectures and will handle hands on sessions in the STTP.

## Participants and Registration details

1. There is NO registration fee from any participants.
2. All Faculty & Research Scholars from AICTE approved Institutions / Engineering colleges/ Universities are eligible for the STTP.
3. Number of maximum participants is limited to 100 per Phase.
4. Participants will be selected on first-come first-served basis.
5. Selected candidates will be intimated by e-mail.
6. Confirmation of participation is to be made by email only.
7. The Coordinator's decision will be final in the selection of participants.
8. STTP will be organized in 4 phases and participants can choose any ONE phase for

Organized By  
Department of CS&IT and  
Department of CSE  
Koneru Lakshmaiah Education Foundation,  
Guntur - 522502

*KL*  
PRINCIPAL  
G. Narayanamma Institute of  
Technology & Science (Autonomous)  
Shaikpet, Hyderabad

## Registration

<https://tinyurl.com/KLCSITSTTP>

REGISTRATION can be done  
by the link the Google Form



KONERU LAKSHMAIAH  
EDUCATION FOUNDATION  
FOUNDED IN 1983



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## Chief Patrons

Er. K. Satyanarayana  
President, KLEF

Mrs. K. Kanchana Latha,  
Secretary, KLEF

Er. K. Havish,  
Vice President, KLEF

Er. K. Raja Harin,  
Vice President, KLEF

## Patrons

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Chancellor, KLEF

Dr. G. Pardha Saradhi Varma,  
Vice Chancellor (i/c), KLEF

Dr. Y.V.S.S.V. Prasada Rao,  
Registrar, KLEF

Dr. N. Venkatram,  
Pro-Vice Chancellor, KLEF

## Co-Patrons

Prof. V. Hari Kiran,  
HoD, CSE

Dr. S. Venkateswarlu,  
Professor, CSE &  
Dean - Placements & Progression

Dr. V.R. Raghuvver,  
Professor, CSE & Dean-Academics

Dr. V. Srikanth,  
Professor, CSE

Dr. P. Sai Kiran,  
Professor & HoD, Dept of AI&DS

## Platform

All the sessions will be conducted in Online mode through WebeX platform. The link will be shared to all the selected participants through email and WhatsApp group.

## Important Dates

STTP Dates			
Phase 1	16.08.2021	to	21.08.2021
Phase 2	30.08.2021	to	04.09.2021
Phase 3	13.09.2021	to	18.09.2021
Phase 4	20.09.2021	to	25.09.2021
Intimation of Acceptance to Participants			
Phase 1	13.08.2021		
Phase 2	27.08.2021		
Phase 3	10.09.2021		
Phase 4	17.09.2021		

## Coordinator

Dr. K. Amarendra,  
Head of the Department,  
Dept of Computer Science & Information Technology,  
Green Fields, Vaddeswaram,  
Koneru Lakshmaiah Education Foundation  
(KL Deemed to be University),  
Guntur Dist - 522502, Andhra Pradesh, India.  
Mobile - +91-9581555333  
E-Mail ID - amarendra@kluniversity.in

ONE Session on  
**National Education  
Policy:2020**  
is included in the training

## Registration

<https://tinyurl.com/KLCSITSTTP>

REGISTRATION can be done  
by filling the Google Form

## Organized By

Department of CS&IT and  
Department of CSE  
Koneru Lakshmaiah Education Foundation,  
Guntur - 522502



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)**  
**(AUTONOMOUS)**  
**Shaikpet, Hyderabad – 500104**

**Department: Information Technology**

2021-22

REPORT

STTP on "Practicing Cloud Computing with AWS"

Date of program: 30-08-2021 to 04-09-2021


Resource person: Mr.Stephen Samuels, Dr.MukeshKumar, NIT Patna, Dr.S.Somaraju,NIT Patna

About the Program:

This STTP provided key understanding and hands on to learn real world application scenarios of Cloud Computing on AWS. The major outcomes of this STTP were understanding of AWS and its implications in cloud computing, how to integrate AWS cloud resources and services into any cloud-computing application, how to set up an EC2 instance and how to deploy a web application using elastic beanstalk. The hands on sessions are helpful in guiding the projects.

  
M. Deepthi

  
V.Usha  
Assistant Professor,IT

  
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