AICTE ATAL - EduSkills
Faculty Development Program
(FDP)
on

Google -AIML

19th to 24th FEBRUARY, 2024

Organized By

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EXCELLENCE
TRUTH QUALITY

SPHOORTHY ENGINEERING COLLEGE
(An Autonomous Institution)
Nadergul, Hyderabad.

About FDP

The objective of the FDP is to impart knowledge of Machine Learning and Computer Vision that prioritizes deep insights into CNNs and Object Detection Model. The FDP will benefit the faculty members to carry out research in Deep learning and also offer quality projects to the students.The FDP will be conducted as a boot camp with 30% theory and 70% hands-on activities with real time use cases.

Impact Analysis

Attendance : 90%   **Assessment : 80%**

There will be an impact analysis/ knowledge check on the last day of the FDP. Based on the performance of the faculty members will be awarded/recognized.

Resource Person

Google Certified Trainer

Topics to be Covered

- Introduction to machine learning
- Build a computer vision model with TensorFlow
- Build convolutions and perform pooling
- Build convolutional neural networks (CNNs) to enhance computer vision
- Convolutional neural networks (CNNs) with complex images
- Convolutional neural networks (CNNs) with large datasets

- Object Detection: Detect objects in images with ML Kit: Android
- Train your own object-detection model with TensorFlow Lit
- Detect objects in images to build a visual product search: Android
- Build a visual product search backend using Vision API
- Custom model for your image classifier using TensorFlow

Registration Process

First Registration First Confirmation basis
Registration Fees – Free for EduSkills Member Institutions
(2 faculty members from each Institution)

Program Co-ordinators

Mrs. M. Swarnalatha
Assistant Professor, CSE Dept.
Sphoorhty Engineering College
Mobile - +91 98486 37372
Email - lswarna@sphoorthyengg.ac.in

Mr. Bibek Ranjan
Associate Director
Mobile - +91 80932 54904
Email - bibek@eduskillsfoundation.org

CHIEF MENTOR(s)

Sri S. Chalama Reddy

Chairman , Sphoorthy Engg College

Sri S. Jagan Mohan Reddy

Secretary , Sphoorthy Engg College

MENTOR

Dr. V. Venkata Krishna

Principal

CONVENOR(s)

Dr. D. Maheshwar

Vice Principal

Dr. V.S. Giridhar Akula

Dean

COORDINATOR(s)

Dr. K. Subba Rao
HOD - Cyber Security

Dr. K. Ramesh Rao
HOD - Data Science

Mr. P. Ram Mohan Rao
HOD - CSE

Mrs. S. Indhumathi
HOD - AIML

ORGANISING COMMITTEE

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Asst. Prof , Data Science

Mr. Ch. Ramana Reddy

Senior System Admin

HOSPITALITY

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Mr. B. Mahesh

Asst. Prof , AIML

About the College

Sphoorthy Engineering College, Hyderabad an UGC Autonomous Institution, was established in the year 2004 under the visionary management of Shri S . Chalama Reddy Chairman and Shri S. Jagan Mohan Reddy Secretary & Correspondent. Sphoorthy Engineering College is pioneer in offering quality engineering education since two decades with state of art infrastructure and competent faculty team. Sphoorthy Engineering College was the first institution to offer engineering in all emerging technologies viz. AIML,DS,CS and IOT from the year 2021.

Sphoorthy Engineering college was accrediated by NAAC with A grade. Sphoorthy Engineering college is the only college in Telangana to have Rs. 2.5 crore fund from NewGen IEDC, Govt. of India. The college has an exclusive robotic centre of excellence, NVIDIA powered GPU lab, APPLE authorized center for education. Sphoorthy Engineering College has established School of Computing to foster problem solving, competitive programming and logical ability in students. Sphoorthy Engineering College provides a holistic environment and ecosystem for nurturing young minds with relevant skill set and knowledge to serve the industry and community.