Report on One Week Faculty Development Program
Machine Learning, Computer Vision, IoT, SAP ABAP

Sponsored By: Edunet Foundation, SAP

Organized By: Electronics and Communication Engineering Department

Date: 11-15 December 2023
Venue: ECC Dept., CKPCET, Surat
Mode: Offline
No. Of Candidates: 20

Coordinators: Dr. Mita C. Paunwala, Dean R&C, Associate professor, ECED, CKPCET, Surat.
                   Dr. Amisha J. Shah, Head and Assistant Professor, ECED, CKPCET, Surat.

A one week Faculty Development Program on **"Machine Learning, Computer Vision, IoT, SAP ABAP"** was conducted by the **Electronics and Communication Engineering Department** of CKPCET in Collaboration with **Edunet Foundation, SAP, Code Unnati**, 11-15 December,2023. This FDP was planned to bridge the industry-academic gap by preaching the latest technology trends. Total 20 faculties from different disciplines of CKPCET have participated in this program.

Inaugural Ceremony of the FDP was scheduled on 11th December, 2023 at 10.00 a.m. Inaugural function was commenced with the presence of In charge principal Dr. Naimish Zaveri, Dean and Heads of various department of CKPCET, faculties and other staffs of CKPCET and Participants.

ECC department of CKPCET has organized this one week FDP with renowned speakers such as **Mr. Jayesh Yadav and Mr. Rohit Bhadauriya**. Mr. Jajesh Yadav had explained the various libraries of Python for learning Data Analytics and to develop Machine learning applications on first day of the FDP. Various machine learning algorithms along with hands-on were discussed

by Mr. Rohit Bhadauriya on 12 Dec.,2023. Ground truth information about Deep Learning was delivered to the participants on the third day of the FDP.

On the fourth day of the FDP, the sessions provided valuable and basic information on IoT architecture, protocols, IoT in technical perspective, applications of IoT and future of IoT. The main focus of the session was on how to use easy carrying CPU like Raspberry Pi in real time applications. The interfacings of Raspberry Pi model with different peripherals were demonstrated in hands on session. Various projects based on sensors, controlling and image processing made the hands on session more interactive.

Emerging technologies like SAP, ABAP were embarked on the last day of the FDP.

Both the speakers were having good synchronization during their talk and hands-on sessions.

All the sessions were very interactive for participants due to discussion, interaction and hands on training methods adopted by experts. Glimpse, media coverage as well as feedback report of this STTP are shown below:

C. K. PITHAWALA COLLEGE OF ENGINEERING & TECHNOLOGY, SURAT
ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT
ORGANISING

ONE WEEK
FACULTY DEVELOPMENT
PROGRAM on
Machine Learning, Computer Vision,
IoT, SAP ABAP

Date & Time

11-15, December 2023 | 10:00 AM to 5:00 PM

Venue

Centre of Excellence Lab

FDP Coordinator

Dr. Mita Paunwala, Dean R&C
Dr. Amisha Shah, HOD, ECED

Poster of the FDP

Inaugural ceremony of FDP
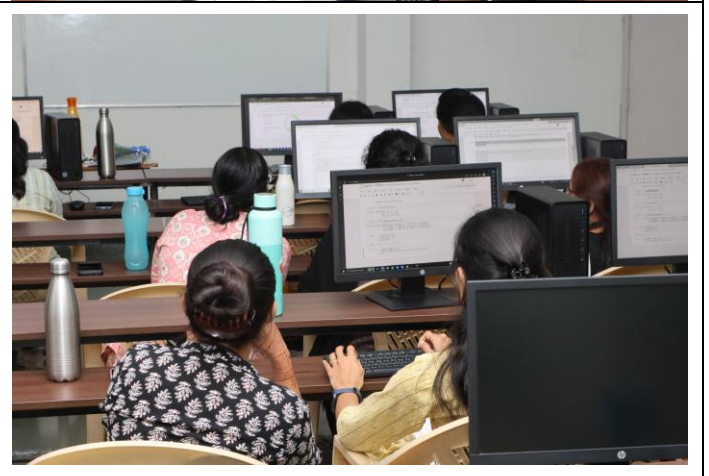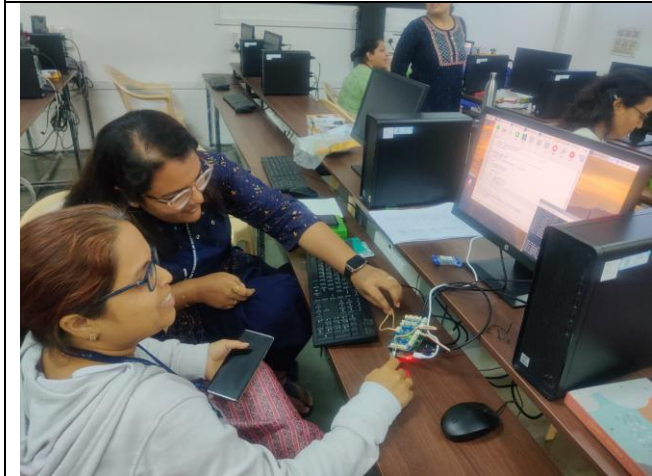
Glimpses during various sessions

Valedictory Ceremony

FDP group photo

MorePhotos: :

https://photos.google.com/share/AF1QipMXsDbH64zJUMhs_Ssswht_K6ZUh0lHuYKYEz513b

y2TdDJrgiaqkW95myjMNYy6g?key=bGQ1S201NnozMHloaEdYZWFCVnFXSlBXbzZtZ19B