Deccan Education Society's Fergusson College (Autonomous), Pune. Department of Computer Science

Closure report on conducting Faculty Development Programmer on "Hands on training - Deep Learning Concepts".

The Department of Computer Science had organized the online FDP on "Hands on training - Deep Learning Concepts" by an industry expert. The event was arranged for faculties of Dept Computer Science. Deep learning a specialized branch of Data Science so faculties having interest in the topic joined the program.

Event Details:

- Duration: 8 hours spanning over 2 days
- Starting from: Day1 27 March 2021 and Day2 3 April 2021
- Venue: Virtual using MS Teams.

High level session Contents:

- 1. CNN
- 2. RNN
- 3. LSTM
- 4. Auto encoders
- 5. Restricted boltzman machine
- 6. Hyper parameter optimization

About Trainer

The Session was conducted by Mr. Shailesh Kumpawat, Data Science & Machine Learning Professional from Vehant Technologies.

Total participants:

• 12 students opted and benefitted by this session.

Enclosures:

Attendance

Dr. Kavita Khobragade,

Head - Dept of Computer Science

Fergusson College, Pune-4

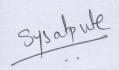






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Report of Faculty Development Program on "System Design using Raspberry Pi"

A three day Faculty Development Program on "System Design using Raspberry Pi" was organized in the Computer Science Department on 25th, 28th and 29th January 2021from 10 a.m. to 5 p.m. Mr. Shridhar Dudam (Founder and Chief Technology officer, Smart Logic Technologies, Pune) was invited as a resource person to conduct this program. Total 15 teacher participants had joined this program.

The program was inaugurated by Principal Dr. Ravindrasing Pardeshi on 25th January 2021at 10 a.m. In the inauguration function FDP coordinator Mr. Manojkumar Kukade gave a brief introduction about the program, UGC STRIDE coordinator Dr. Ishita Ghohal and Principal Dr. Pardeshi sir guided the participants and Mrs. Swapna Kulkarni proposed the vote of thanks.

On the first day of the program – Introduction of Raspberry Pi, Hands on Operating System installation, OS configuration, Network setup and hands on GPIO programming was covered.

On the second day – Introduction to Python programming, Hands on LCD interfacing, interfacing of different sensors, camera and IR transmitter, receiver was covered.

On the third day – PWM using Raspberry Pi, interfacing of RFID to Raspberry Pi and some case studies on recent applications were conducted.

The organized Faculty Development Program was very much helpful to all the teacher participants. It was conducted as per the need for teaching the new course to the students. The feedback of this workshop was very good from participants and the resource person was also happy about cooperation from the participant.

At the end of program FDP coordinator Mr. Manojkumar Kukade thanked the participants and the resource person.

Mr. Manojkumar Kukade FDP Coordinator, Department of Computer Science

Fergusson College,Pune

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