

**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

*Kavita*  
*11-2-2022*  
**Dr. Kavita Khobragade,  
Head – Dept of Computer Science**

**Head, Computer Science Department**

**Fergusson College, Pune-4**

*Sydatpute*

FDP - Hands on training - Deep Learning Concepts

19:55

Request control

Meeting chat

Swati Satpute named the meeting to FDP - Hands on training - Deep Learning Concepts.

Ankur Shukla and 20 others were invited to the meeting.

Today

9:53 AM Meeting started

Recording has started

Dr. Ravindrasing Pardeshi was invited to the meeting.

Shailesh (Guest) was invited to the meeting.

Last read

Dhiraj Nage 10:11 AM  
Good morning to everyone

Type a new message

Deep Learning Faculty Development Programme,  
Fergusson College

Shailesh Kumpawat

27th March 2021

Shailesh (Guest)

Participants: Kanita Khobragade, SmitaBhanap, Shailesh (Guest)

AM19:13 27-03-2021

FDP - Hands on training - Deep Learning Concepts

09:27

Mute (Ctrl+Shift+M)

Participants

Type a name

Share invite

In this meeting (13)

Mute all

Swati Satpute Organizer

Dr. Ravindrasing Pardeshi

Jeevan Limaye

Kavita Khobragade

Lalit A Sonawane

Madhavi Gambhire

Rasika Kulkarni

Shailesh (Guest)

SmitaBhanap

Dr. Ravindrasing Pardeshi

Shailesh (Guest)

Participants: ST, LS, S, KK

FDP - Hands on training - Deep Learning Concepts

14:05

Participants

Type a name

Share invite

Lalit A Sonawane

Madhavi Gambhire

Nishigandha Harpale

Rasika Kulkarni

Shailesh (Guest)

SmitaBhanap

Sree Talluri

Sujata Ambekar

Sujata Sathe

Uma Madje

Shailesh (Guest)

Participants: ST, LS, S, KK, DP



Full Name User Action Timestamp

Swati Satp Joined 4/3/2021, 9:59:19 AM  
Rasika Kulk Joined bef 4/3/2021, 9:59:19 AM  
Vikas Chitt Joined bef 4/3/2021, 9:59:19 AM  
Sujata Aml Joined bef 4/3/2021, 9:59:19 AM  
SmitaBhan Joined 4/3/2021, 10:00:20 AM  
Tushar Des Joined 4/3/2021, 10:02:23 AM  
Sree Tallur Joined 4/3/2021, 10:02:36 AM  
Sree Tallur Left 4/3/2021, 10:04:04 AM  
Sree Tallur Joined 4/3/2021, 10:14:11 AM  
Kavita Kho Joined 4/3/2021, 10:04:40 AM  
Sujata Satp Joined 4/3/2021, 10:05:16 AM  
Shailesh (C Joined 4/3/2021, 10:07:18 AM  
Jeevan Lim Joined 4/3/2021, 10:11:26 AM  
Lalit A Son: Joined 4/3/2021, 10:16:16 AM  
Lalit A Son: Left 4/3/2021, 10:17:15 AM  
Margaret Joined 4/3/2021, 10:24:04 AM

Sysatpute



Full Name	User Action	Timestamp
Swati Satpute	Joined	3/27/2021, 9:53:42 AM
Sujata Ambekar	Joined	3/27/2021, 9:54:31 AM
Lalit A Sonawane	Joined	3/27/2021, 9:57:23 AM
SmitaBhanap	Joined	3/27/2021, 9:57:28 AM
Kavita Khobragade	Joined	3/27/2021, 9:57:48 AM
Jeevan Limaye	Joined	3/27/2021, 9:58:42 AM
Dr. Ravindrasing Pardeshi	Joined	3/27/2021, 9:59:38 AM
Dr. Ravindrasing Pardeshi	Left	3/27/2021, 10:07:47 AM
Dr. Ravindrasing Pardeshi	Joined	3/27/2021, 10:08:23 AM
Sujata Sathe	Joined	3/27/2021, 10:00:00 AM
Shailesh (Guest)	Joined	3/27/2021, 10:00:16 AM
Sree Talluri	Joined	3/27/2021, 10:00:46 AM
Madhavi Gambhire	Joined	3/27/2021, 10:01:14 AM
Uma Madje	Joined	3/27/2021, 10:01:44 AM
Rasika Kulkarni	Joined	3/27/2021, 10:02:07 AM
Nishigandha Harpale	Joined	3/27/2021, 10:03:11 AM
Dhiraj Nage	Joined	3/27/2021, 10:04:19 AM

Syabpute

## 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 25<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> January 2021 from 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 25<sup>th</sup> January 2021 at 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  
 Computer Science Department  
 3 Day workshop on "System design using Raspberry Pi" conducted under UGC-STRIDE component-1  
 Participant's Attendance sheet

Sr.No.	Name of Participant	Department	25/01/2021		28/01/2021		29/01/2021	
			10 am to 1pm	1.30 pm to 4.30pm	10 am to 1pm	1.30 pm to 4.30pm	10 am to 1pm	1.30 pm to 4.30pm
1	Shubhangi Katti	Electronic Sc.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Mrs. Panchsheela Kumbale	Electronic sci	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Mrs. Ranjana Ubale	Electronic Sci	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Mrs. Madhavi Gambhire	Computer Science	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Mrs. Sayali Prani	Comp. Sci.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Mrs. Poonam Parikh	Comp. Sci	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Mrs. Rashmme M. Chaudhary	- - -	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Mrs. Kalpana A. Joshi	- - -	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Mrs. Swapna Kulkarni	Comp. Sci	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	Manish S Hiray	Physics	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Gajanan P. Harale	Physicr	<i>[Signature]</i>	-	-	-	-	-
12	Mamajkumars Kulkade	Comp. Sci.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Rashmme M. Chaudhary	Comp. Sc	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13-14	Dr. Kalpana Kulkarni	Electronic sci.	-	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14-15	Mrs. Jogita Khandge	Electronics	-	-	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Mrs. Sujaya Das gupta	-	-	-	-	-	-	-