Panipat Institute of Engineering and Technology

Approved by A.I.C.T.E. & Affiliated to Kurukshetra University, Kurukshetra
70, MILESTONE, G. T. ROAD, SAMALKHA, PANIPAT-132103, HARYANA
Phone no-0180-2569700 Fax-0180-2569800, E-mail – info@piet.co.in, Web – www.piet.co.in

Department of Information Technology

Ref. No. PIET/IT/ICT/2020/07

Dated: 5 March, 2020

NOTICE

The Department of Information Technology is organizing a **"Workshop on Autoencoders: Learning efficient coding of unlabelled data"** by **Dr. Shakti Kumar, Director, PIET** on **10 March, 2020 at 11:30 a.m. onwards.** Autoencoders, a cornerstone of modern machine learning, excel in capturing intricate patterns and structures within unlabelled datasets by compressing input data into a latent space and reconstructing it with minimal loss. This workshop is for 3rd year and final year students. The venue for this workshop is Seminar Hall, Ground Floor, E Block.

Head of Department
Department of Information Technology
Panipat Inst. of Engg. & Technology

Cc:

Notice Boards.

Event Title: Workshop on Autoencoders : Learning efficient coding of unlabelled data

Event Type: Workshop

Date & Time: Tuesday, 10th March 2020, 11:30 AM to 12:30 PM

Resource Person: **Prof. (Dr.) Shakti Kumar, Director, PIET, 9416351300**

Coordinator: Mr. Sorabh Gupta A.P. (IT), Mr. Rattan Deep Aneja, HOD, IT Deptt.

Organized by: Department of IT

Event Report

The Department of Information Technology organized a workshop on "Autoencoders: Learning efficient coding of unlabelled data" on 10th March, 2020. The workshop was taken over by Prof. (Dr.) Shakti Kumar, Director, PIET, Samalkha. Mr. Rattandeep Aneja started the workshop by welcoming the students, faculty members and Dr. Shakti Kumar, Director, PIET. Sir highlighted about machine learning stating "MACHINE LEARNING EVERYWHERE" means the applications of machine learning is found almost everywhere like in the field of media and entertainment, security and defence, medicine and biology and so on. Then introduction about data science was given as a cross platform which is an integration of various disciplines like mathematics, stastistics, information science and computer science. Insights were given about deep learning as a mechanization of understanding systems. Small example was explained about credit risk analysis by taking bank loan as a scenario followed by introduction to data mining along with its phases. Dr. Shakti Kumar quoted machine learning as predicting the future based on the past. The speaker Enlighted the session with machine & deep learning applications in daily life and classification of datasets using deep learning techniques.

The session was followed by Q&A with vote of thanks by Mr. Rattan Deep Aneja, AP, IT Deptt. The session was a great success with more than 45 participants (including teaching faculties, IT students) and an eye opener to all the stakeholders who are actively involved in this session.
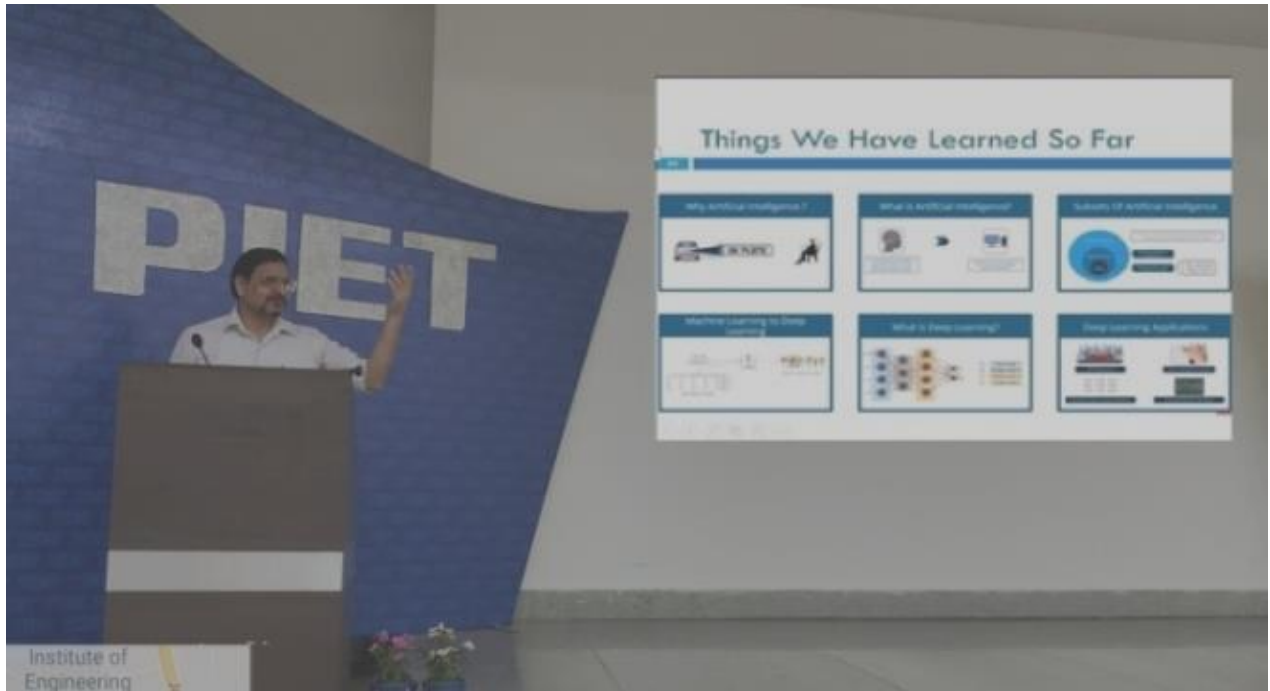
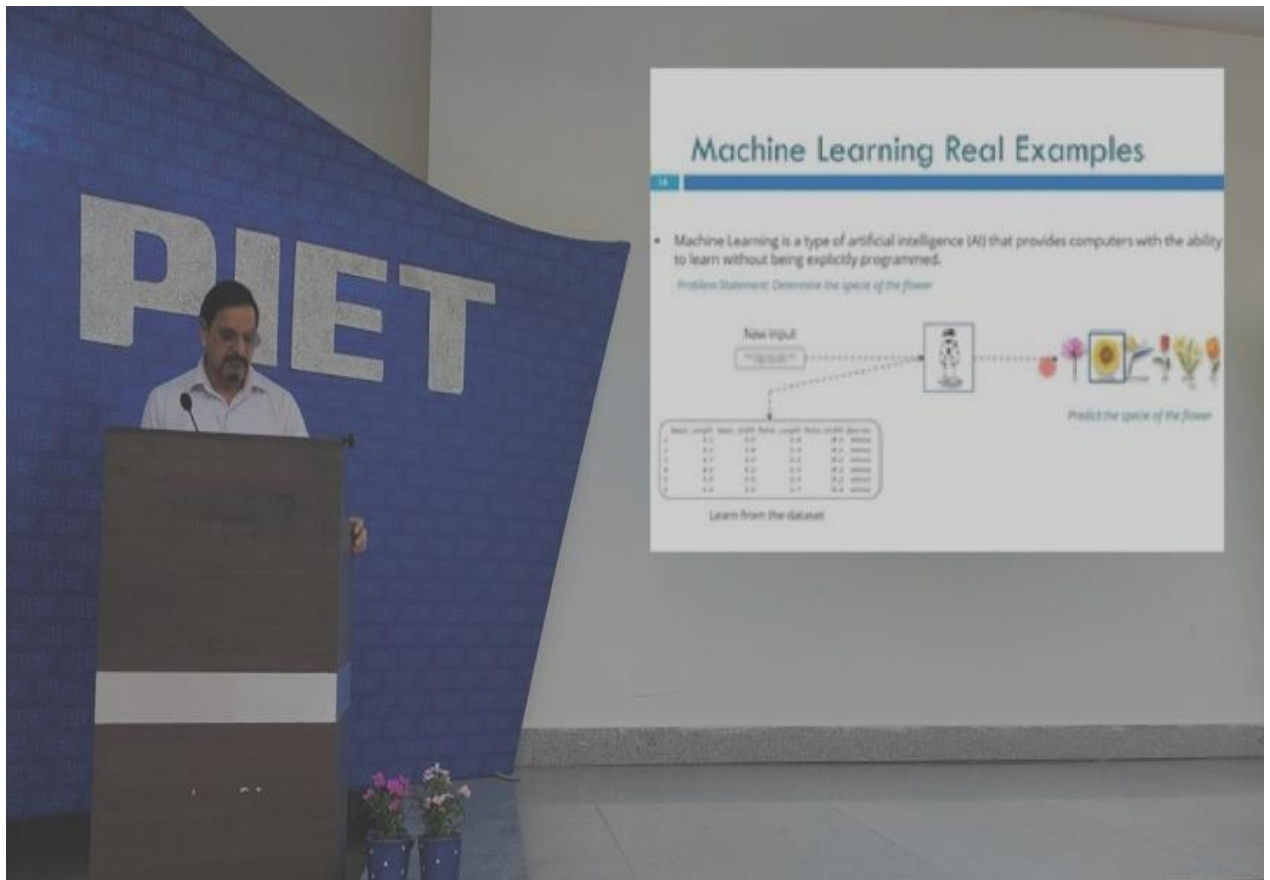Photo 1: Dr. Shakti Kumar delivering his expertise

Photo 2: Dr. Shakti Kumar explaining with example

Photo 3: Students and Faculty members attending the workshop

List of Participants with attendance:

Workshop on Autoencoders : Learning efficient coding of unlabelled data

Date :10th March, 2020		Mode of Activity : Offline	
Department of IT			
Sr.No.	Full Name	Roll No.	Signature
1	Deepak Mandal	2816317	
2	Sakshi Negi	2816322	
3	Kumar Shivam	2816324	
4	Rumani	2816352	
5	Saransh Kumar	2816305	
6	Hriday Grover	2816316	
7	Amrit Pal Singh	2816328	
8	Anmol Bhatia	2816330	
9	Drishti Sharma	2816325	
10	Prashant Kumar	2816340	
11	Sagar Mehta	2816355	
12	Rohit	2816358	
13	Tarif Khan	2816455	
14	Arun Khanchi	2816604	
15	Komal Sharma	2816341	
16	Uday	2817301	
17	Saket Taneja	2817313	
18	Shivani Sharma	2817322	
19	Mohit Bajaj	2817351	
20	Suraj Kumar Ray	2817353	
21	Nabin Prasad Bhatt	2817376	
22	Inzamamul Haque	2817378	
23	Sanket Munjal	2818354	
24	Prince Kumar	2818365	
25	Sudarshan Shandilya	2818388	
26	Aman Sah	2818410	
27	Sanyam Arora	2818416	
28	Lovely Priyadarshni	2816321	
29	Shivam Kumar	2816323	
30	Raman Bansal	2816344	
31	Ravi Ranjan Kumar	2816331	
32	Jaspreet Singh	2816364	
33	Lav Tayal	2816345	
34	Ishu Chauhan	2816360	
35	Anshu Vats	2816362	
36	Ravinder	2816369	
37	Prabhat Jha	2816370	
38	Vishal	2817290	
39	Vikram	2817308	
40	Abhishek Camma	2817310	
41	Vandana Devi	2817317	
42	Ankit Gupta	2817318	
43	Nirmal Singh	2817324	
44	Chhanak Agarwal	2817325	
45	Yash Dua	2817329	
46	Tushar Chhoker	2817338	
47	Akshay Pathak	2817339	

10/3/2020   10/3/2020