Expert discusses different machine learning models

TRIBUNE NEWS SERVICE

JALANDHAR, DECEMBER 26

Dr Prashant Singh Rana, Asst Prof, department of computer science & engineering, Thapar University, delivered a comprehensive talk on machine learning at a faculty development programme (FDP) on 'Artificial Intelligence and Soft Computing Techniques for Engineering Applications' organised at Apeejay Institute of Management Technical Campus, Rama Mandi.

Participants from more than 17 colleges are attending the FDP.

Dr Rana elucidated various machine learning models, decision tree model, random forest, linear model and neutral network. He also talked about the basics of machine learning, research topics in machine learning and data mining. He classified learning into supervised and unsupervised learning.

Delegates during a faculty development programme on the campus of Apeejay Institute of Management Technical Campus in Jalandhar on Thursday. TRIBUNE PHOTO

Citing examples of clustering, he talked about grouping of news, grouping the people on their similar hobbies/interest, grouping of animals, grouping of customers based on their performance. He also talked about the classification of data, importance of data collection, on the handling of unbalanced data and processing of the same and how the processed data can be used on social sites.

Citing examples he talked about the classification of emails into spam or non spam, classification of transaction as fraud or genuine, patients diagnosed as diabetic or non-diabetic, gene classification into coding or non-coding.

Dr Rajesh Bagga, director, Apeejay Institute of Management and Engineering Technical Campus expressed that this one-week Faculty Development Programme was going to be beneficial for all participants. He further expressed that throughout the event, participants are going to listen to talks from experts around the world.

The Tribune 27 December 2019

7:27 am