International Workshop on Applied Deep Learning (IWADL), A 5-day workshop held during July 16-20, 2018

A 5-Day international workshop on "Applied deep learning" was successfully organised by the MANAS group, SCEE, IIT Mandi and BITS Pilani, during July 16-20, 2018 at Kamand Campus.

This workshop was attended by 27 participants including scientists from government organisations (like ICAR), faculty members from technical institutes (like PTU), engineers from software companies (like Innominds) and postgraduate and undergraduate students from various colleges across India. Apart from that several students from IIT Mandi also attended it. This 5-day workshop was intended to edify the theoretical and practical aspects of the recent technological advancements made in deep-learning area. The speakers introduced the concept of machine learning, computer vision and CNN to the participants coming from diversified backgrounds. Advance topics like autoencoders, VAE, Siamese networks, GAN and RNN were also covered in depth.

A special attention is given to the hands-on session so that the participants can understand practically things much better and clearly. To ensure it, daily there was around 3 to 4 hours of rigorous hands-on sessions.

A special visit to Prashar lake has also been arranged on day four. There at forest guest house hall, a two hour lecture on variational autoencoder (VAE) has been delivered.

Dr. Kamlesh Tiwari (BITS Pilani), Dr. Aditya Nigam (IIT Mandi), Dr. Arnav Bhavsar (IIT Mandi), Dr. Dileep A.D (IIT Mandi) have delivered multiple expert lectures on various topics. The workshop was coordinated by Dr. Aditya Nigam and Dr. Kamlesh Tiwari.

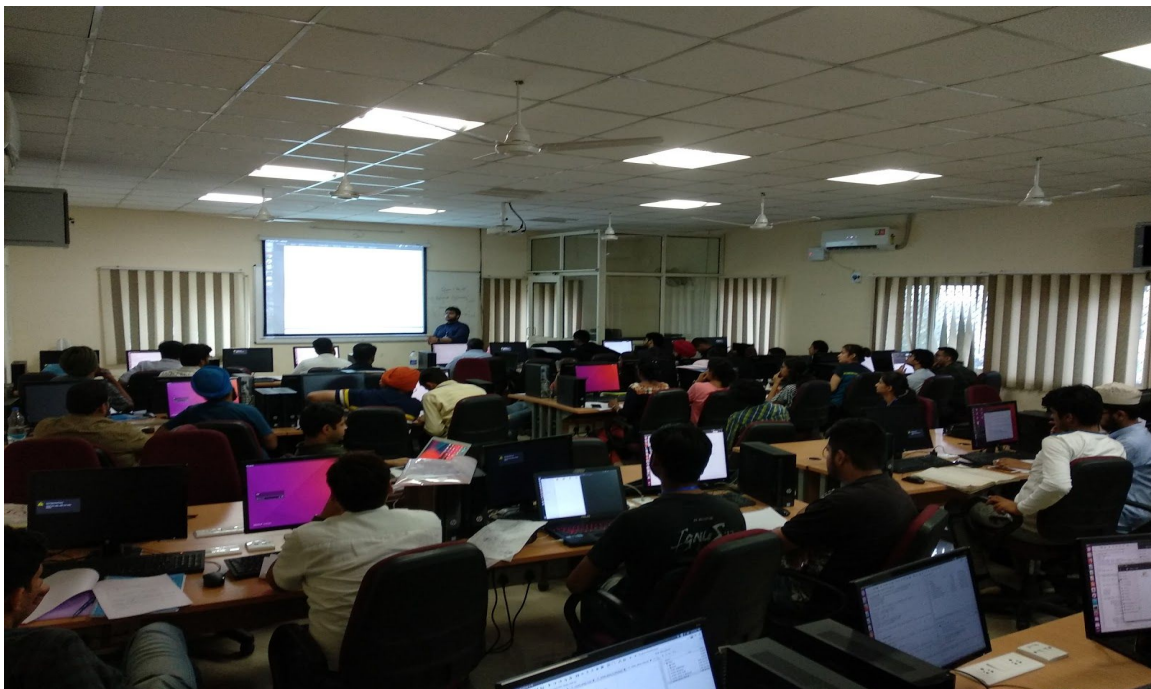Few photographs, taken during the workshop, are presented below.

Dr. Bharat Singh Rajpurohit, chairperson SCEE IIT Mandi, addressing the participants during the inauguration ceremony

Expert talk on machine learning and SVM by Dr. Dileep A.D

Expert talk on CNN by Dr. Aditya Nigam

Participants actively involved during rigorous hands-on sessions

Participants paying attention during hands-on session

A lecture delivered on VAE at forest guest house, Prashar lake

Group of participants along with Dr. Kamlesh Tiwari and Dr. Aditya Nigam at Prashar Temple and Lake

Certificate distribution

Token of thanks to external speaker Dr. Kamlesh Tiwari (BITS Pilani)

Group photograph