

A Deep Learning Crash Course

(Online Executive Workshop)



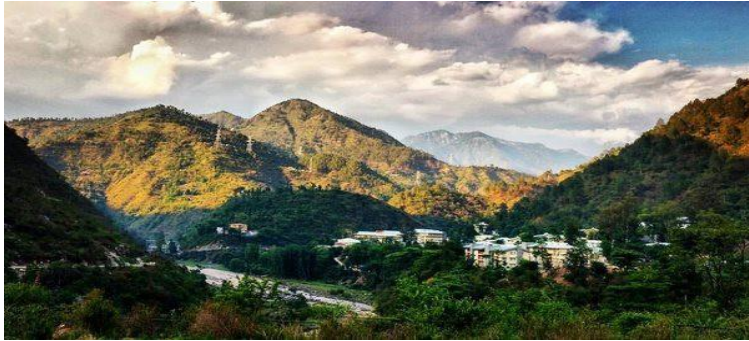
ADLCC 2021

<https://www.iitmandi.ac.in/ADLCC2021/>

03 July 2021 - 04 July 2021 (**Weekend 1**)

10 July 2021 - 11 July 2021 (**Weekend 2**)

17 July 2021 - 18 July 2021 (**Weekend 3**)



Expert Speakers:

Dr. Aditya Nigam IIT Mandi	Dr. Dileep A.D. IIT Mandi	Dr. Chetan Arora IIT Delhi
Dr. Arnav Bhavsar IIT Mandi	Dr. Varun Dutt IIT Mandi	Dr. Kamlesh Tiwari BITS Pilani

About the online workshop

This 6-day weekend workshop is organised by IIT Mandi iHub and HCI Foundation and IIT Mandi, the workshop targets motivated executives and working professionals willing to work in the area of AI/ML. Extensive theory sessions from 9:00 am to 1:00 pm and lab sessions from 2:00 pm to 6:00 pm scheduled on every weekend and an assessment will be done at the end of the workshop on the basis of which certificates will be provided. During laboratory sessions support will be provided by specifically trained teaching assistants (our PhD students). This workshop mainly targets software engineers and executives. However, final year undergraduates/masters/PhD level, and faculty members may also apply. A basic minimal in Linear Algebra, Python, Machine Learning and Probability Theory is expected as a prerequisite for better understanding. Some of the highlights are as below:

- Covering state of the art AI/ML techniques in details
- Practical Oriented Workshop
- Extensive Hands-on sessions
- Proper Workbook for practice
- Opportunities for Research Internship

Registration Details:

- Limited batch of participants
- Shortlisting based on *First Come First Serve* (spot registration, if seat is available).

Registration Fees:

	On or before 01 July'21	After 01 July'21
Regular Students	Rs. 6,000	Rs. 8,000
Faculty Members	Rs. 8,000	Rs. 10,000
Industry Participants	Rs. 10,000	Rs. 12,000
International Participants	USD 300	USD 400

Mode of the workshop: Online

Important Dates:

Early Registration	Late Registration	Workshop Dates
On or before 01 July 2021	After 01 July 2021	W1- 3 July 2021 - 4 July 2021 W2- 10 July 2021 - 11 July 2021 W3- 17 July 2021 - 18 July 2021

Workshop Topics:

Some key points to be covered:

- Basics of Machine learning & Neural Networks
- Convolutional Neural Networks
- Object Localisation and Detection
- Autoencoders and Variational AutoEncoder
- Generative Adversarial Networks
- Recurrent Neural Network and Long Short-Term Memory, Siamese Network
- Transformer Network

Organiser

Dr. Aditya Nigam
Coordinator, IIT Mandi

Contact Details

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