



CENTRAL UNIVERSITY OF HARYANA

MAHENDERGARH

A Central University Established by an Act of Parliament (Act No. 25 of 2009)



ज्ञान- विज्ञान विमुक्तये

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE)

6-WEEK HYBRID MODE

SUMMER TRAINING PROGRAMME

on

APPLIED DEEP LEARNING: FROM THEORY TO REAL WORLD



START DATE
11th June 2026

DURATION
6 WEEKS



END DATE
22nd July 2026

ELIGIBILITY

- B.Tech. 2nd Year & 3rd Year Students
- MCA Students
- M.Sc. (Data Science) Students

EXPECTED PARTICIPANTS

Total 100 Students (Approx.)
Hybrid Mode (Online + Offline)

REGISTRATION FEE (Inclusive of 18% GST)

Sr. No.	Category	Payable Amount (₹)
1.	CUH Students	1180.00/-
2.	CUH Students (SC/ST/PWD/Women)	590.00/-
3.	Non-CUH Students	1770.00/-
4.	Non-CUH Students (SC/ST/PWD/Women)	885.00/-

MODULE-WISE SYLLABUS OVERVIEW



MODULE 1 PYTHON PROGRAMMING, OOP, LIBRARIES & MINI PROJECT

This module builds a strong foundation in Python programming starting from basics to advanced topics including control structures, functions, OOP concepts, file handling and exception handling. Students will learn essential libraries such as NumPy, Pandas and Matplotlib for data analysis and visualization. A mini project using real-world dataset will be developed.

Duration: Weeks 1 – 2



MODULE 2 NATURAL LANGUAGE PROCESSING

This module introduces the core concepts of NLP including text preprocessing, tokenization, feature engineering, vectorization and classical machine learning algorithms for text classification. Students will explore word embeddings, sequence models and evaluation metrics. A mini project on sentiment analysis will be implemented.

Duration: Weeks 3 – 4



MODULE 3 DEEP LEARNING FOR NLP AND FINAL PROJECTS

This module covers deep learning techniques applied to NLP including neural networks, RNN, LSTM, attention mechanism, encoder-decoder and transformers. Students will work with pre-trained models like BERT and fine-tune them for NLP tasks. A final project on chatbot, text classification or NER will be developed.

Duration: Weeks 5 – 6

PROGRAMME COMMITTEE

1. Chief Patron	Prof. (Dr.) Tankeshwar Kumar
2. Patron	Dr. Pawan Kumar Sharma
3. Dean (SoET)	Dr. Vikas Garg
4. Chairperson	Dr. Vipin Kumar
5. Convener	Dr. Vishal Passricha
6. Co-Convener	Mr. Anant Rajee Bara

ORGANIZING COMMITTEE

1. Chairperson	Dr. Vipin Kumar
2. Co-chair	Dr. Rakesh Kumar
3. Technical Advisor	Dr. Nitin Goyal
4. Technical Coordinator	Dr. Sushil Kumar Dr. Sangeeta
5. Technical Support Coordinator	Mr. Rahul Sharma

IMPORTANT INFORMATION

- The registration fee will be deposited into the University account.
- Participants must submit a valid payment receipt or transaction ID as proof of payment at the time of registration.
- It is mandatory to attend all lectures and submit all assignments for the completion of training and to receive a completion certificate.

HOW TO APPLY

- 1 Visit the Link
- 2 <https://www.cuh.ac.in/>
- 3 Pay application fee



Register Now

MORE DETAILS PLEASE VISIT

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