

Objectives

The core objective of **deep learning lab** is to design and develop novel methods and techniques to tackle challenging and intricate contemporary problems in various AI domains by addressing the philosophy and core concepts of deep machine learning theory. In this regard, our focus is to develop novel learning models with the design of efficient objective functions, tuning laws and convergence methodologies. This will pave a way to design, develop, and implement scalable methods that can easily be altered up to required precision so that diverse domain problems could be addressed.

The NLP Lab conducts research to solve problems involving natural language text. The ultimate goal of NLP research is to achieve a human-like machine understanding of natural language. While this goal is yet to be reached, big strides have been made in the NLP field to automate many important tasks involving language, such as question answering and opinion mining





Equipment Details

Deep Learning/NLP Lab	No of systems: 90
Room No.: 2110	Processor : Intel(R) Core(TM) i5-10400 CPU @ 2.90GHz 2.90 GHz
	Installed RAM : 8.00 GB,i5-10 th Gen
	HDD : 1 TB, x-64based pc
	System Type : 64-bit operating system, x64-based processor, cpu@2.90G
	Operating Systems: Windows 11 Pro
	OS Version : 21H2, Edition-Windows
	Mouse : Dell, 90
	Keyboard : Dell, 90
	Monitor : Dell
	UPS 20 KVA
	MAXHUB -Smart Board with Internet Connection
	Audio System with Cordless Mic