



presents

One week

SUMMER TRAINING PROGRAM

on

SKILL DEVELOPMENT (TECHNICAL & SOFT SKILLS) FOR STUDENTS

14TH-19TH JULY, 2025



PATRON

Prof. Samsher

**Hon'ble Vice Chancellor
HBTU Kanpur**



CHAIRMAN

Prof. Dipteeek Parmar
**Pro Vice Chancellor &
Dean PRG, HBTU Kanpur**



CONVENOR

Prof. S.K.S. Yadav
Incharge Training & Internship



PROFESSOR

Dr. Naveen Kumar Gupta
Training & Placement

EXPERTS FROM:

- DRDO
- BARC
- HAL Kanpur
- IIT Kanpur
- IIT Bombay

and many more



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	9:30 AM to 11 AM	11to11:15	11:15 AM to 1 PM	1to1:45	1:45 PM to 2:45 PM	2:45 PM to 3:45 PM	3:45 to 4 PM	4 to 5 PM
Day 1	Prof. Abishek Kumar, IIT Kanpur, MED	T.B.	Python, AI, ML Introduction	L	String & Operation	Variable value & types	T.B.	Practical & Assignment
			Download and Install Python					
Day 2	How to use “if condition”, Array	T.B.	“While Loop” and “For Loop”	L	List, Tuple	OOPs Programming,	T.B.	Practical & Assignment
	Nested IF Statement		Strings loop		Dictionary Operation	Classes & Objects		
Day 3	Function, Function Return Value? Database Management with MySQL	T.B.	Programming with GUI,	L	Exception Handling	Panda Library Introduction	T.B.	Lecture from DMSRD
			TK2 with GUI		Multi Threading	(Machine Learning Library)		
Day 4	Artificial Intelligence	T.B.	AI Prompts	L	Numpy Library Introduction	Dr. Abhishek Gupta, EE, IIT Kanpur	T.B.	Prof. Neeraj Sinha, IIT Kanpur
			Reinforcement Learning		(Machine Learning Library)			
Day 5	Communication Skills	T.B.	Dr. U.S Yadav, HAL Kanpur	L	Interview Preparation	Group Discussion/Leadership Skills	T.B.	Expert from BARC
Day 6	CRT Overview	T.B.	Resume Building	L	Lecture from IIT	AI Applications for industry	T.B.	AI Applications for industry