TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC GRADE "A" INSTITUTE (CYCLE-2)
Approved by AICTE, Ministry of Education Govt. of India,
Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.
INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

AI & ML CLUB, DEPARTMENT OF ICT	
Report on Python Programming for AI Workshop	
Event	Workshop
Type of Activity:	Technical Workshop (Hands-on)
OBE Values	Technical Competence
Mulya Pravah	Integrity
Global Impact-UNSDG No.	SDG 4 – Quality Education
Objectives	To learn Python programming fundamentals for AI applications.
Course Mapping	BCA 207 – Python Programming; BCA 277 – Python Programming Lab; MCA 203 – AIML (Target Audience: BCA 1st, 2nd & 3rd Year, MCA 2nd Year)
Course Outcome (CO)	CO1; CO2
BT Level	BTL-3 (Apply)
Expected Outcomes	Strong Python programming foundation for AI applications.
In collaboration/association with	In-house Club – AI & ML Club, Department of ICT
Name & Designation details of Resource Person- Internal Expert (LinkedIn Profile Link)	Mr. Gaurav Singh Rawat, Assistant Professor, Department of ICT, Tecnia Institute of Advanced Studies (https://www.linkedin.com/in/gaurav-singh-rawat-a76142383/)
Name & Designation details of Resource Person- External Expert Trained counseling expert(LinkedIn Profile Link)/	NA
Duration (Date & Time)	29th August 2026, 11:00 AM onwards
Mode (Offline/Hybrid)	Offline
Venue	COE Lab 1, Tecnia Institute of Advanced Studies
No. of Internal Participants	35
No. of External Participants *[write NA if not applicable]*	NA

No. of Institutions Participated	1 (Tecnia Institute of Advanced Studies)
University Representation	NA
Awards/Recognition (if any) (Attach e-copy of Awards/Certificates)	Certificates provided to all participants

nnovation / Best Practice

he workshop followed a hands-on, learn-by-doing approach in which students wrote and xecuted Python code alongside the resource person. Core concepts such as data types, control tructures, functions, lists, dictionaries and libraries commonly used in AI (NumPy, Pandas) were inked directly to their use in AI applications, making the session interdisciplinary between rogramming and AI. The format is easily replicable for other batches and scalable to an online r hybrid mode.

Feedback:

Mode of feedback collection (form / oral / reflection / survey)	Oral feedback and survey – evidence maintained by the Event Coordinator
Key feedback highlights	Participants found the workshop highly engaging and practical. Students appreciated the hands-on coding approach, the clear step-by-step explanation of Python basics, and the introduction to NumPy and Pandas. Most students said they now feel confident writing simple Python programs for AI applications.
Suggestions for improvement (if any)	NA

Concluding remarks (s):

The Python Programming for AI Workshop organised by the AI & ML Club, Department of ICT, gave BCA (1st, 2nd and 3rd year) and MCA students a practical grounding in Python programming with a clear focus on its use in Artificial Intelligence. Through guided hands-on exercises, participants strengthened their understanding of core programming constructs and were introduced to libraries used in AI development. The workshop met its objective of building a strong programming foundation, and students expressed interest in follow-up sessions on applied AI projects.

Media Coverage:

Social media link(s) (Mandatory)	**https://www.instagram.com/reels/**
Print Media evidence (If any)	NA

Poster/Flyer

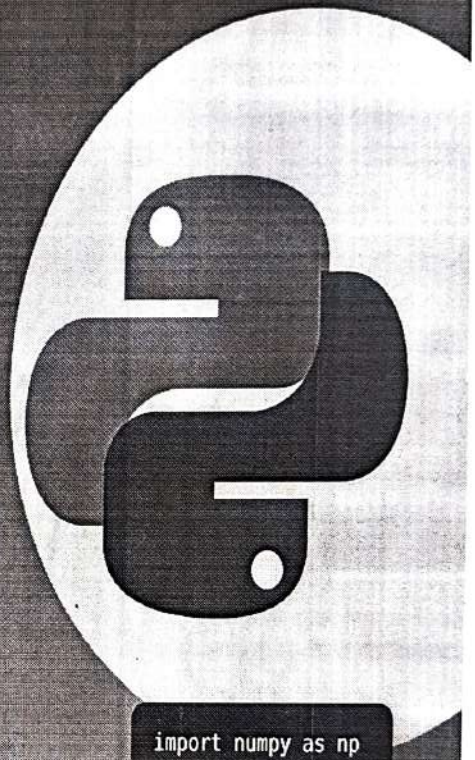
TECNIA
INSTITUTE OF ADVANCED STUDIES

NAAC GRADE A

TECHNICAL CLUB
DEPARTMENT OF ICT
LEARN | BUILD | INNOVATE

HANDS-ON WORKSHOP

PYTHON PROGRAMMING FOR AI



Python fundamentals for AI applications

01 Python basics, step by step

02 NumPy & Pandas for data

03 Your first AI program

```
import numpy as np
print("Hello, AI!")
```

ORGANISED BY

DEPARTMENT OF INFORMATION COMMUNICATION & TECHNOLOGY (ICT) & AI & ML CLUB

For BCA 1st, 2nd & 3rd Year · MCA Students

SCAN TO REGISTER

29th Aug, 2026 (Saturday)

11:00 AM Onwards

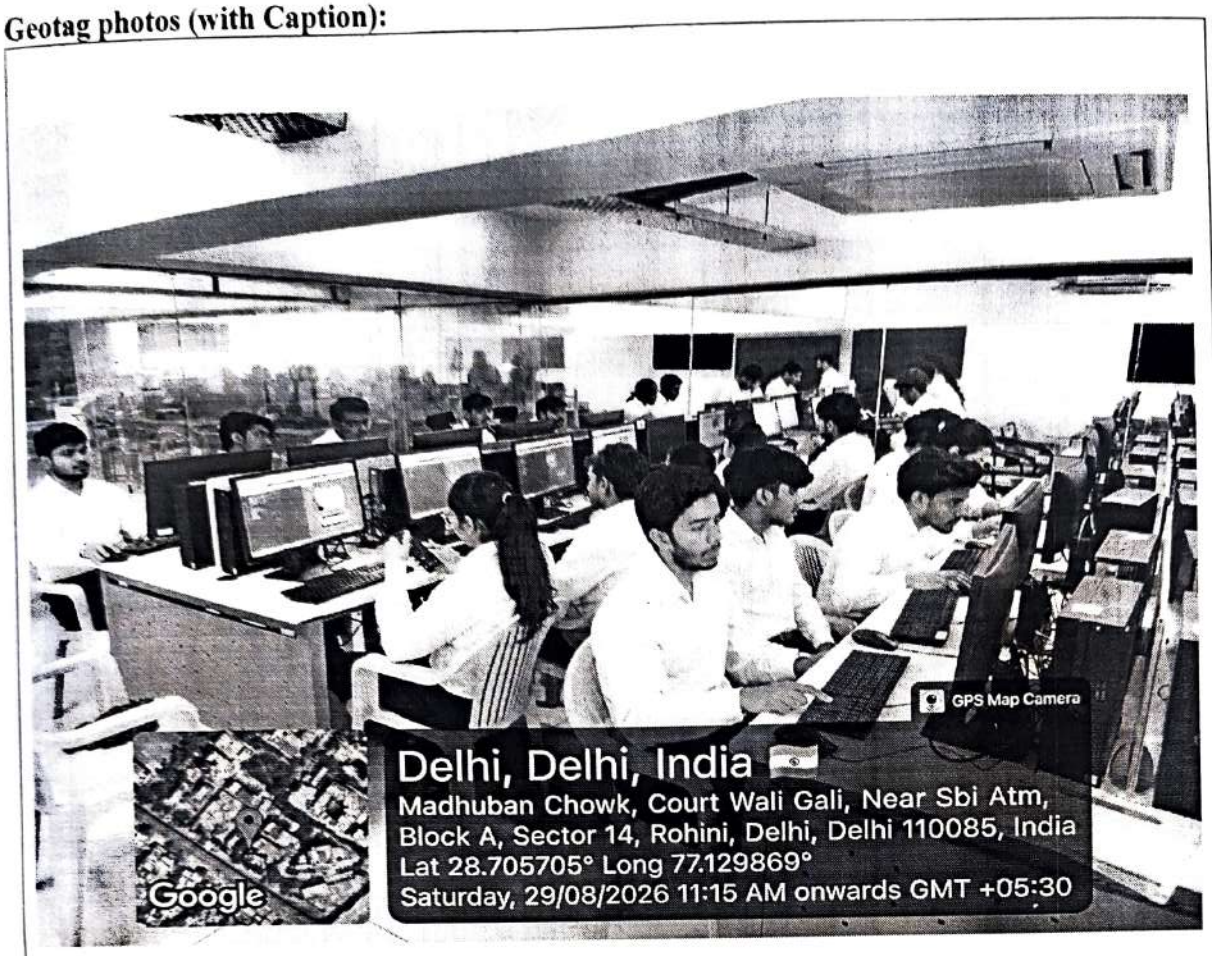
COE Lab 1, Tecnia Institute

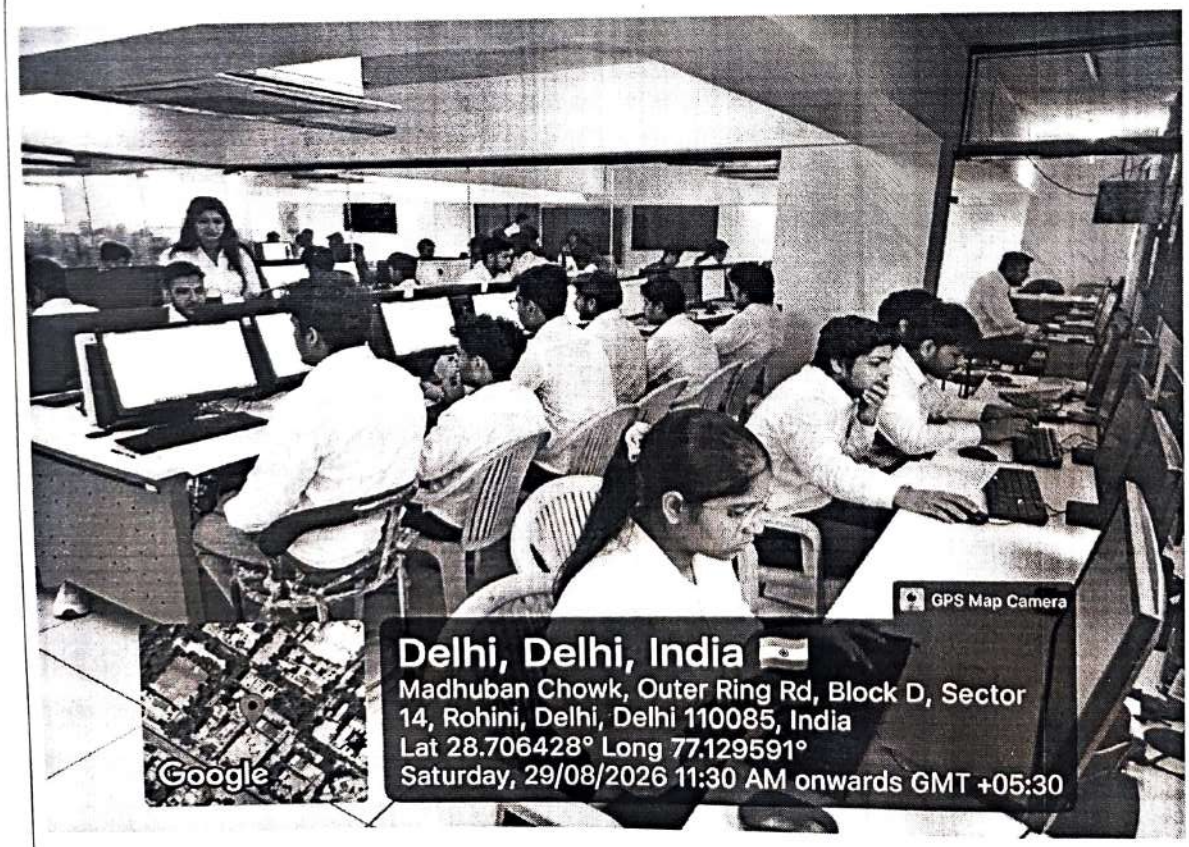
+91-9212080415

admissiontias@tecnia.in

www.tiastc.tecnia.in

Geotag photos (with Caption):





S. No.	Enrolment No.	Name of the Student	Prog & Year	Signature
1	05921302025	Aditya Sharma	BCA – 3rd Sem	
2	08721302025	Ananya Tyagi	BCA – 3rd Sem	
3	04117002025	Anshika Bajaj	BCA – 3rd Sem	
4	06321302025	Aryan Chauhan	BCA – 3rd Sem	
5	08521302025	Ayush Verma	BCA – 3rd Sem	
6	01817002025	Drishti Sharma	BCA – 3rd Sem	
7	04617002025	Gaurvee Khurana	BCA – 3rd Sem	
8	02721302025	Jai Prakash Verma	BCA – 3rd Sem	
9	11517002025	Kanika	BCA – 3rd Sem	
10	00917002025	Kartik Gupta	BCA – 3rd Sem	
11	01017002025	Kavya Sharma	BCA – 3rd Sem	
12	03921302025	Ketna Malhotra	BCA – 3rd Sem	
13	05017002025	Kritika Bansal	BCA – 3rd Sem	
14	09317002025	Nirbhay Raghav	BCA – 3rd Sem	
15	09421302025	Parth Kaushik	BCA – 3rd Sem	
16	01421302025	Ridhima Agarwal	BCA – 3rd Sem	
17	05317002025	Satyam Kumar Mishra	BCA – 3rd Sem	
18	02017002025	Shreya Rawat	BCA – 3rd Sem	
19	02521302025	Suvhadeep Dhara	BCA – 3rd Sem	
20	04521302025	Vaibhav Dawar	BCA – 3rd Sem	
21	02321302025	Vikalp Bhatia	BCA – 3rd Sem	
22	08317002025	Vishesh Dhaka	BCA – 3rd Sem	
23	35417002024	Abhinav Pandey	BCA – 5th Sem	
24	06921302024	Agamjot Singh	BCA – 5th Sem	
25	01317002024	Asmita Kandwal	BCA – 5th Sem	
26	07321302024	Bhumi Goel	BCA – 5th Sem	
27	04617002024	Dhruvmalhotra	BCA – 5th Sem	
28	07417002024	Geeta Bindhani	BCA – 5th Sem	
29	05421302024	Piyush Dhoundiyal	BCA – 5th Sem	
30	03021302024	Pranav Juneja	BCA – 5th Sem	
31	05717002024	Prince Patyal	BCA – 5th Sem	
32	03217002024	Priyanshu Khatri	BCA – 5th Sem	
33	05921302024	Shagun Mehendiratta	BCA – 5th Sem	
34	06721302024	Tanya Maggo	BCA – 5th Sem	
35	01521302024	Tejasvi Singh	BCA – 5th Sem	

Event Coordinator/Club Incharge

Mr. Gaurav Singh Rawat
Incharge, AI & ML Club

Dr. Ratandeep kaur
Domain Clubs-Head

Dr. Sushma Bahuguna
Asso. Dean, DICT

Asso. Dean, Dept. of Info. Comm. & Tech.
Tecnia Institute of Advanced Studies