TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC GRADE "A" INSTITUTE (CYCLE-2)
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INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

DIGITAL COMPUTING CLUB	
Report (Workshop on Java Programming)	
Event	Awareness
Type of Activity:	Workshop
OBE Values	Technical Competence
Mulya Pravah	Integrity
Global Impact-UNSDG No.	SDG 4 – Quality Education
Objectives	1.To develop core Java programming and object-oriented concepts. 2.To understand data handling, collection frameworks, and data manipulation in Java. 3.To apply Java libraries and tools for data processing and basic visualisation. 4.To enhance logical reasoning and practical problem-solving skills using Java. 5.To gain hands-on experience building software logic for analytics and automation.
Course Mapping	Workshop on Java Programming (BCA201T, BCA207T)
Course Outcome (CO)	Students will be able to design, develop, and analyse software applications by applying Java programming principles, data manipulation techniques, and problem-solving methodologies to implement functional solutions for real-world scenarios.
BT Level	BTL 3 - Apply
Expected Outcomes	1.Students demonstrate foundational proficiency in writing and debugging Java programs. 2.Students process, clean, and manipulate structured datasets using Java constructs. 3.Students build basic visual components or analytical reports using Java tools. 4.Students apply algorithmic thinking to break down and solve complex computational problems.
In collaboration/association with	Domain Club: Digital Computing Club (DICT)
Name & Designation details of	Ms. Garima Saini (Assistant Professor) - TIAS

Resource Person- Internal Expert (LinkedIn Profile Link)	
Name & Designation details of Resource Person- External Expert Trained counseling expert(LinkedIn Profile Link)/	NA
Duration (Date & Time)	12-Sept-2026
Mode (Offline/Hybrid)	Offline
Venue	COE Lab 2nd Floor UG Block
No. of Internal Participants	30
No. of External Participants *[write NA if not applicable]*	NA
No. of Institutions Participated	01
University Representation	NA
Awards/Recognition (if any) (Attach e-copy of Awards/Certificates)	E-Certificate

Innovation / Best Practice

The workshop adopted a practical and application-oriented learning approach by providing students with hands-on exposure to Java programming and object-oriented concepts. Key innovative features include:

- **Practical implementation of object-oriented programming concepts using Java.**
- **Hands-on coding activities to develop Java applications and strengthen programming skills.**
- **Application of problem-solving techniques through programming exercises.**
- **Emphasis on Technical Competence and Integrity by encouraging students to write and understand their own code.**
- **Alignment with OBE and UNSDG 4 – Quality Education through skill-based and experiential learning.**

Feedback:

Mode of feedback collection (form / oral / reflection / survey)	**Evidence to be maintained by the Event Coordinator:** • Attendance sheet • Event poster/flyer • Screenshots/photographs of the webinar • Feedback form and responses
Key feedback highlights	**Students found the session highly interactive and informative, gaining a clear practical understanding of core Java concepts, hands-on data manipulation, basic visualisation techniques, and automated logic implementation through live coding demonstrations.**
Suggestions for improvement (if any)	**NA**

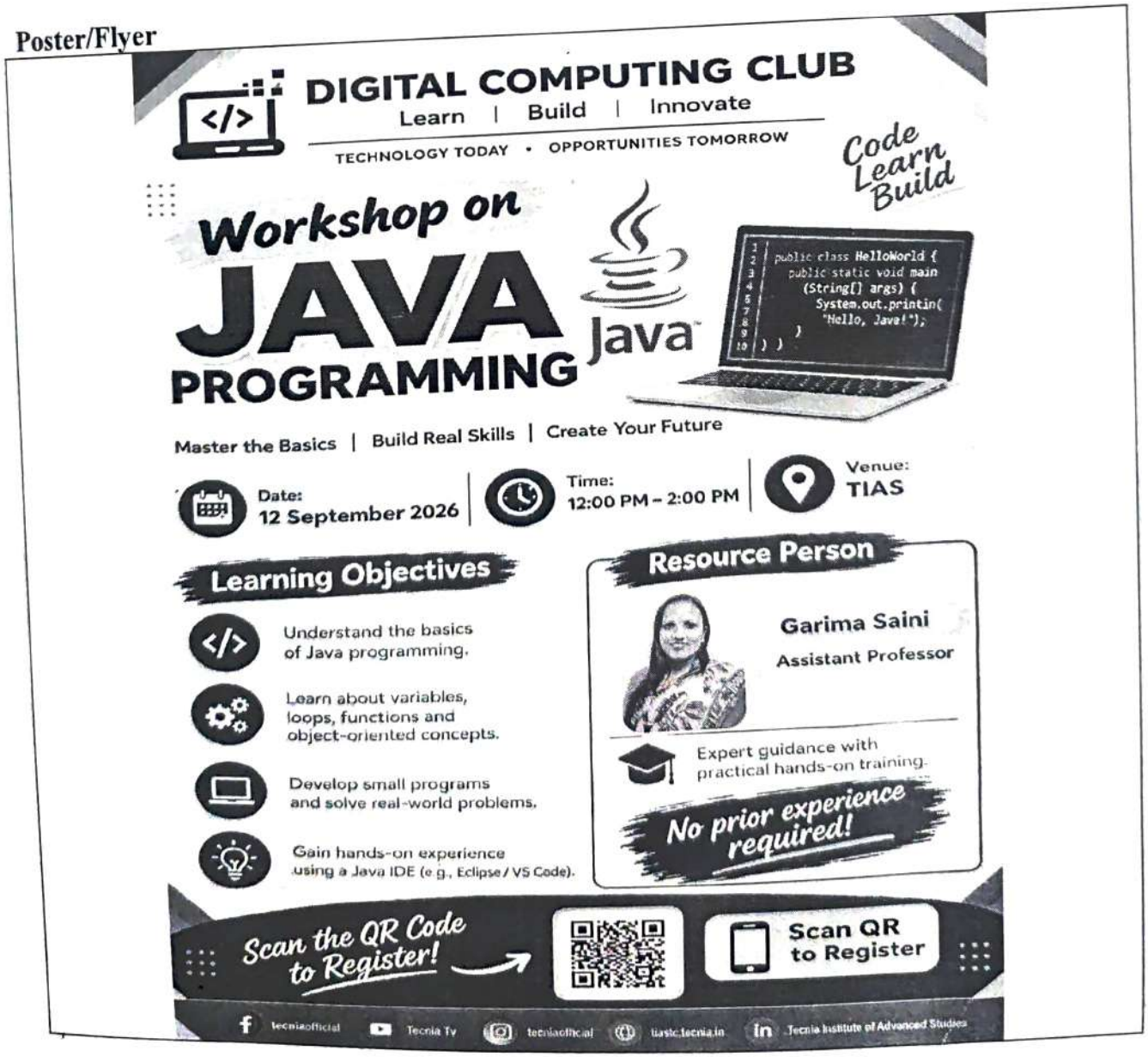
Concluding remarks (s):

The Java Programming session successfully provided students with strong core programming knowledge and practical exposure to data manipulation and application design. Aligned with SDG 4 (Quality Education), the session enabled participants to attain higher-order cognitive competencies in Apply (L3) and Analyse (L4) levels. Through practical coding exercises and step-by-step demonstrations, participants acquired industry-relevant skills in logic design, data handling, and algorithmic problem-solving. Future iterations will include extended hands-on coding modules to further strengthen software development proficiency.

Media Coverage:

Social media link(s)	1.https://www.instagram.com/p/DcVVQyQgYkt/?igsi=OHpqbTB5OHE3d2o3
Print Media evidence (If any)	

Poster/Flyer



Geotag photos (with Caption):



Workshop inauguration and introduction session on Java Programming by the resource person.



Students participating in hands-on Java programming activities during the workshop.



Interactive workshop session with students engaged in practical Java programming exercises.

List of Participants (Attendance Sheet):

S. No.	Enrolment No.	Name of the Student	Prog & Year	Sign
1	11017002025	Amaan Ahmed	MCA,2nd	
2	11417002025	Vipan Kumar Vansh	BCA,2nd	
3	05517002024	Krishna Chadha	BCA,2nd	
4	10221302024	Harsh Chauhan	BCA,2nd	
5	10321302024	Neha	BCA,1st	
6	05317002026	Pratik	BCA,3rd	
7	03921302024	Dhaanya Sethi	BCA,2nd	
8	05817002026	Prachi Rawat	BCA,3rd	
9	35921302024	PADMAVATI K	BCA,1st	
10	05321302026	Soumya Tiwari	BCA,3rd	
11	09617002025	Tanishka Gupta	BCA,2nd	
12	11221302024	Akshat Khandelwal	BCA ,1st	
13	00621302025	Aayushi Gupta	BCA,2nd	
14	02517002024	Ashmit Nanda	BCA,2nd	
15	09517002024	Haya Akhtar	BCA,2nd	
16	00011702024	Dheirya Saini	BCA,2nd	
17	09121302025	Pratham Chaudhary	BCA,3rd	
18	06317002025	Lakshika	BCA,2nd	
19	05121302024	Parv Mehndiratta	BCA,2nd	
20	02521302025	Tanishk Gupta	BCA,3rd	
21	00321302025	Dhruv Ramesh Iyer	BCA,1st	
22	02521302024	Ali Hashim	BCA,2nd	
23	02621302024	Aman Baid	BCA,2nd	
24	00721302025	Lakshay Sharma	BCA,2nd	
25	09517002024	Lakshay Kumar	BCA,2nd	
26	08217002024	Ujjwal Chaurasia	BCA,2nd	
27	05321302025	Prince	BCA,2nd	
28	02221302025	Shreya Jain	MCA,2nd	
29	02517002025	Nishika	BCA,2nd	
30	09221302026	Abhinav	BCA,3rd	

Event Coordinator/Club Incharge

Ms. Namita Tiwari
Digital Computing Club Incharge

Dr. Ratandeep Kaur
Domain Club Head

Asso. Dean, Dept. of Info. Comm. & Tech.
Tecnia Institute of Advanced Studies
Dr. Sushma Bahuguna
Asso. Dean, DICT
Tecnia Institute of Advanced Studies