



Algo Club is responsible for conducting programming events for the students of PSIT, Kanpur. The club organises regular events focusing on various activities related to programming, latest IT trends and problem-solving solutions. Also, regular Hackathons are being conducted to promote competitive programming culture in the institute.

### **Objectives of Algo Club**

- Gain technical and collaborative skills to develop real-life projects.
- Learn steps of the engineering design cycle and how it works as a functional problem-solving procedure.
- Be a knowledge sharing platform among students at the institute about current IT trends.



Session 2023-24

**1) QuizGeekX3.0** (A Quiz on 'C Programming & Latest IT Trends') is conducted on 23th September 2023 in Seminar Hall -1(AA-14) by Algo Club, PSIT in association with 'Computer Society of India' and sponsored by 'AICTE - SPICES'. Total 16 Teams from B.Tech. 2nd Year and 3rd Year have participated in the event.



#### Winners are :

Prize	Team Name	Name (Team Leader)	Branch and Section (Team Member 1)	Name (Team Member 2)	Branch and Section (Team Member 2)	Name (Team Member 3)	Branch and Section (Team Member 3)
	Tech	Armaan					
First	Potentates	Shukla	AI-2A	Arjit Sharma	CS-2A	Ankita Singh	CS AI 2A
Secon				Anshikha	CS-IOT-	Kushagra	CS-IOT-
d	Bit Rebels	Akshay Patel	CS-IOT-2A	Singh	2A	Sahu	2A
			CS-AIML-				
Third	Brute Force	Arpan Shukla	2A	Ayush Gupta	CS 2C	Rajhans Yadav	CS CYS2















**2) Problem Solving Intelligence Test 3.0** is organised to identify future PROBLEM SOLVING stars in PSIT. The motive of this event is to enhance programming skills and finding optimize solution with in limited time frame.

Student allowed to participate individually, preferred language for coding are C, C++, Java, Python. Platform used for conducting PSIT 3.0 is HackerRank and Test duration is 90 minutes. 3 coding problems are given and evaluation criteria for winners is based on successful test case followed by submission time.

#### **Event Details-**

- Event consists of two rounds (Round -1 Online Mode and Round-2 Offline Mode).
- Round-1 participants =139 (Second Year)+ 81(Third Year) = 220 Students
- From this round 1 top-10 qualifiers are selected from each second and third year
- Round -2 (an offline hackathon) is conducted in the lab. Top 3 winners are selected from each second and third year

# <u>Winners</u>

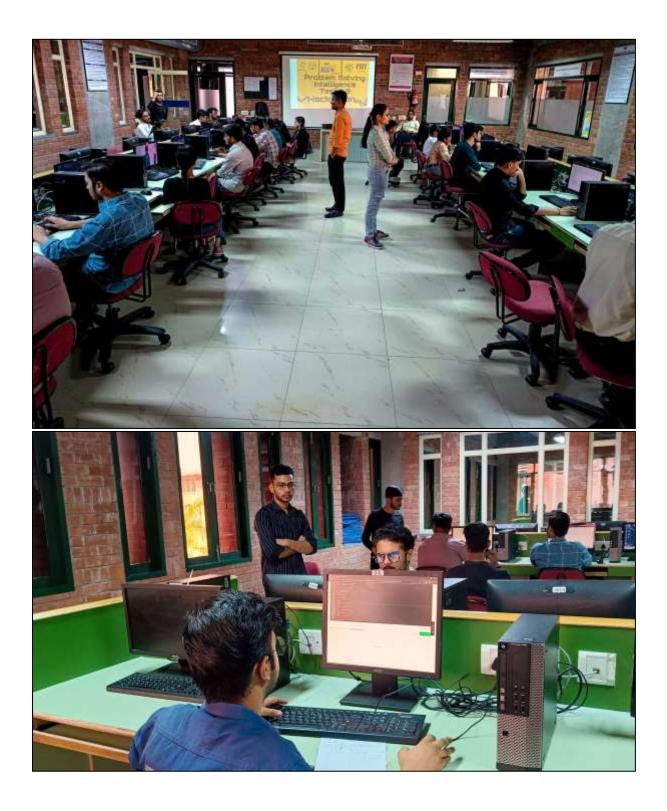
Second Year:-

Name	Hacker Rank	
1. Shivam Singh	CSAIML1530163	
2. Ritik Gupta	CSAIML1530143	
3. Akash Singh	ds1a_1540009	

### Third Year:-

Name	Hacker Rank
1. Rishabh	2101641530122_ml
2. Sanya Rathore	2101641530130_ml
3. Shalvi Mishra	2101641530133_ml



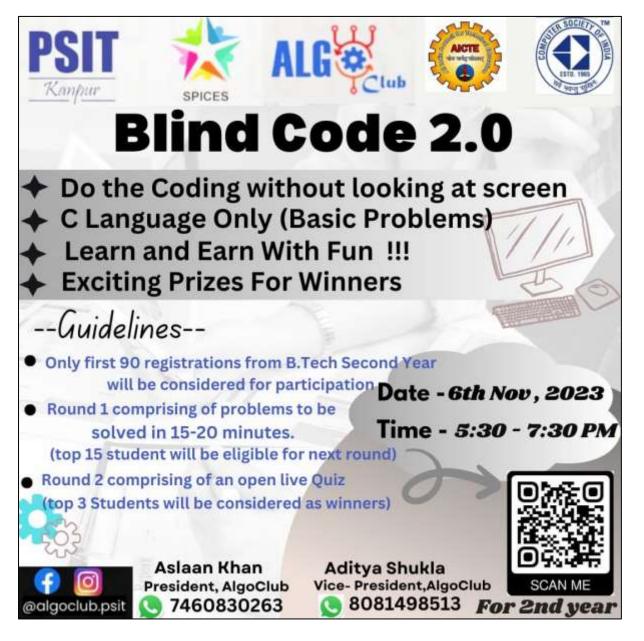




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## 3) Blind Code 2.0

This event is to found students with coding skills and test them under examination conditions. This event will be focused on test the photographic memory , focus and typing skills of participants by making the logic of a basic problem with the screen being off. Student allowed to participate individually, preferred language for coding is C. Event have 1 basic coding problem and a quiz based on C. Evaluation of code is based on making less numbers of errors and scoring higher points in quiz.



### **Event Details-**

- Event consists of two rounds (Coding round and quiz round).
- **Coding round** During this round the student will get 15 min to plan the solution to the given problem without the use of pen 'N' paper and code it in C language.
- **Quiz round** This round consists of some open coding technical question .
- On the basis of both rounds the top 3 winners will be selected.

# Winners

RANK	<u>NAME</u>
<u>1st</u>	<u>Anjali yadav</u>
<u>2nd</u>	Prajjwal Singh
<u>3rd</u>	Yuvraj Singh







