



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी  
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI

बंगरा, गुवाहाटी-781015, भारत  
Bongora, Guwahati-781015, India

Date: 01/05/2023

Sub: Kavach 2023 – Nomination

I am pleased to nominate the team given below from our college to participate in Kavach 2023.  
AICTE Application No/ UGC Registration No for our college is U-0795.

Team: ARTHYA

PSID: KVH-012

|             | Name                | Gender (M/F) | Email id                      | Mobile no.  | Stream | Govt approved id No. | College id No. | Year     |
|-------------|---------------------|--------------|-------------------------------|-------------|--------|----------------------|----------------|----------|
| Team Leader | Aaryan Gupta        | M            | aaryan.gupta@iiitg.ac.in      | 962155 2354 | CSE    | 942232624 412        | 20010 04       | 3rd Year |
| Team Member | Mayank Kumar        | M            | mayank.kumar@iiitg.ac.in      | 935817 4951 | CSE    | 205651402 575        | 20011 12       | 3rd Year |
| Team Member | Harshvardhan Singh  | M            | harsh.s@iiitg.ac.in           | 893803 8956 | CSE    | 750210089 390        | 20010 81       | 3rd Year |
| Team Member | K. Sai Vamshi Nayak | M            | k.nayak@iiitg.ac.in           | 801981 8335 | CSE    | 634326723 180        | 20010 94       | 3rd Year |
| Team Member | Shray Kumar Singh   | M            | shray.singh@iiitg.ac.in       | 817390 4246 | CSE    | 932854546 062        | 20011 83       | 3rd Year |
| Team Member | Nandini Thakur      | F            | nandini.thakur21b@iiitg.ac.in | 760267 8371 | CSE    | 670019204 282        | 21011 28       | 2nd Year |

I do hereby declare that all the above information given by me are true to the best of my knowledge and belief.

Sincerely,  
Gautam Barua, Director

Sign :

Stamp :





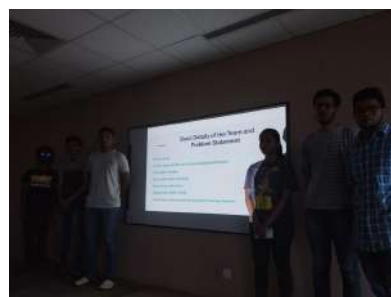
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Indian Institute of Information Technology Guwahati

## 1. About the event

The **Internal Hackathon for KAVACH-2023** was held on 21st April 2023, in offline mode, at college level. Six teams participated in this hackathon where a team has 6 members (students). As per KAVACH-2023 guidelines, there was a female student in each team. The event was organised to select the best team(s) for the KAVACH-2023 hackathon. In this event, each team presented a solution for one of the 20 problem statements of KAVACH-2023 hackathon. There was a panel of 6 faculties to evaluate the performance of each team. The panel evaluated the solution of each team based on the following parameters: accuracy/effectiveness, feasibility, novelty, presentation, and fundamental knowledge of the topic (Q & A).

## 2. Photos of the Event Organized

**Photos of the participating teams:**



### **3. Judging Process**

Performance of each team was evaluated based on the following parameters.

1. **Accuracy:** 10 Points
2. **Feasibility:** 10 Points
3. **Novelty:** 10 Points
4. **Presentation:** 10 Points
5. **Q & A:** 10 Points

Here, accuracy represents the correctness and reliability of the proposed solution while feasibility denotes the practicality and implementation. Further, novelty represents the uniqueness of the solution while quality of presentation shows how effectively the solution was communicated. Furthermore, the Q & A session was to check the fundamental knowledge of team members. These parameters help the judges to select the best team(s).

### **4. Jury panel photo and relevant details**

**Jury panel (Left to right):** Dr. Ripudaman Singh (Assistant Professor, Dept. of ECE), Dr. Manojit Ghosh (Assistant Professor, Dept. of CSE), Dr. Subhasish Dhal (Associate Professor, Dept. of CSE), Dr. Shovan Barma (Associate Professor, Dept. of ECE), Dr. Sudip Biswas (Assistant Professor, Dept. of ECE), and Dr. Kaustuv Nag (Assistant Professor, Dept. of CSE)



## 5. Nominated Top Team(s)

The panel of judges nominated the team **Arthya** (PSID: KVH-012, **Team leader:** Aaryan Gupta, **Other Team Members:** Mayank Kumar, Harsh Vardhan Singh, K. Sai Vamshi Nayak, Shray Kumar Singh, Nandini Thakur) for **KAVACH-2023**.

## 6. Judges Photos and Details



Name: Dr. Subhasish Dhal

Designation: Associate Professor & HoD, Dept. of CSE,  
IIIT Guwahati

Email Id: subhasis@iiitg.ac.in

PhD: IIT Kharagpur

Research Interests: Blockchain, Information security, Cloud  
computing, security in RFID, key  
distribution in wireless networks



Name: Dr. Shovan Barma

Designation: Associate Professor & HoD, Dept. of ECE,  
IIIT Guwahati

Email Id: shovan@iiitg.ac.in

PhD: NCKU Taiwan

Research Interests: Biomedical Signal and Image processing,  
Machine Learning and Deep Learning,  
AI based product development



Name: Dr. Kaustuv Nag

Designation: Assistant Professor, Dept. of CSE, IIIT Guwahati

Email Id: kaustuv@iiitg.ac.in

PhD: Jadavpur University

Research Interests: Evolutionary Computation, Machine  
Learning, Neural Networks



Name: Dr. Manojit Ghose  
Designation: Assistant Professor, Dept. of CSE, IIIT Guwahati  
Email Id: manojit@iiitg.ac.in  
PhD: IIT Guwahati  
Research Interests: Computer architecture, High performance computing, Multiprocessor scheduling



Name: Dr. Sudip Biswas  
Designation: Assistant Professor, Dept. of ECE, IIIT Guwahati  
Email Id: sudip.biswas@iiitg.ac.in  
PhD: University of Edinburgh, Edinburgh, UK  
Research Interests: Signal processing for wireless communication, Machine learning for Communication



Name: Dr. Ripudaman Singh  
Designation: Assistant Professor, Dept. of ECE, IIIT Guwahati  
Email Id: ripudaman@iiitg.ac.in  
PhD: IIT Guwahati  
Research Interests: Communication Networks

## **6. Total Teams and Students Participated**

**Following six teams participated in the internal hackathon.**

### **Team-1:**

Team Name: **Technites**

PSID: **KVH-013**

Title of The Idea: **Tool for monitoring ground personnel**

Team Leader: **Hritik Goyal** (Roll No.: 2001089; Email Id: hritik.goyal@iiitg.ac.in)

Team member-1: **Aayush Barmecha** (Roll No.: 2001006)

Team member-2: **Abhinav Sinha** (Roll No.: 2001011)

Team Member-3: **Kotha Snigdha** (Roll No.: 2001101)

Team Member-4: **Rajiv Choudhury** (Roll No.: 2001158)

Team Member-5: **Siddharth Singh** (Roll No.: 2001189)

### **Team-2:**

Team Name: **Scripting Clans**

PSID: **KVH-001**

Title of The Idea: **New age women safety app**

Team Leader: **Shantanu Tiwari** (Roll No.: 2101190; Email Id: shantanu.tiwari21b@iiitg.ac.in)

Team member-1: **Aayush Singh** (Roll No.: 2101004)

Team member-2: **Yamini Sisodiya** (Roll No.: 2101230)

Team Member-3: **Saransh Agarwal** (Roll No.: 2101183)

Team Member-4: **Ganesh Mundkar** (Roll No.: 2101126)

Team Member-5: **Pritesh Lohot** (Roll No.: 2101111)

### **Team-3:**

Team Name: **HexaGuardians**

PSID: **KVH-013**

Title of The Idea: **Tool for monitoring ground personnel**

Team Leader: **Yatin Kumar** (Roll No.: 2001207; Email Id: yatin.kumar@iiitg.ac.in)

Team member-1: **Anurag Anand** (Roll No.: 2001033)

Team member-2: **Anand Sahu** (Roll No.: 2001026)

Team Member-3: **Harsh Kumar** (Roll No.: 2001078)

Team Member-4: **Sunidhi Kumari** (Roll No.: 2101205)

Team Member-5: **Abhijeet Kumar Singh** (Roll No.: 2001010)

#### **Team-4:**

Team Name: **Arthya**

PSID: **KVH-012**

Title of The Idea: **Fund trail analysis tool**

Team Leader: Aaryan Gupta (Roll No.: 2001004; Email Id: aaryan.gupta@iiitg.ac.in)

Team member-1: **Mayank Kumar** (Roll No.: 2001112)

Team member-2: **Harsh Vardhan Singh** (Roll No.: 2001081)

Team Member-3: **K. Sai Vamshi Nayak** (Roll No.: 2001094)

Team Member-4: **Shray Kumar Singh** (Roll No.: 2001183)

Team Member-5: **Nandini Thakur** (Roll No.: 2101128)

#### **Team-5:**

Team Name: **Token Titans**

PSID: **KVH-020**

Title of The Idea: **Indigenous Crypto Currency Investigation Tool**

Team Leader: **Pavitra Agarwal** (Roll No.: 2101142; Email Id: pavitra.agarwal21b@iiitg.ac.in)

Team member-1: **Om Sharma** (Roll No.: 2101134)

Team member-2: **Aman Verma** (Roll No.: 2101031)

Team Member-3: **Swati Nanda Gupta** (Roll No.: 2101211)

Team Member-4: **Cyrus Dwivedi** (Roll No.: 2001058)

Team Member-5: **Rajat Kumar** (Roll No.: 2101161)

#### **Team-6:**

Team Name: **Trojan Horses**

PSID: **KVH-011**

Title of The Idea: **Citizen safety app for protection against cyber crimes**

Team Leader: **Sunny Mallick** (Roll No.: 2101207; Email Id: sunny.mallick21b@iiitg.ac.in)

Team member-1: **Vimal Narassimmane** (Roll No.: 2101224)

Team member-2: **Toshit Gupta** (Roll No.: 2101215)

Team Member-3: **Yogesh Jaiswal** (Roll No.: 2101234)

Team Member-4: **Suraj Sutradhar** (Roll No.: 2101208)

Team Member-5: **Srestha Saha** (Roll No.: 2101203)

**Total students:** 48 (Boys: 30, Girls: 6)

**Note:** Photos are attached in Section 2.