

## **ACTIVITY REPORT**

**1. Name of the Organising Department: Computer Science**

**2. Name of the Event Conducted: A One-Day Workshop on AI in Cybersecurity**

**3. Name of the Collaborating Organisation/Cell/Department/Committee (if any):  
IQAC, K.C. Das Commerce College**

**4. Mode: Online/ Offline/Blended: Blended**

**5. Date of the Event: 17<sup>th</sup> May 2025**

**6. Time: 10.30-3 PM**

**7. Place/ Venue/ (Platform -in Case of Online Programme): Conference Hall 2**

**8. Objectives of the Event (Please describe point-wise):**

- **Understanding AI in Cybersecurity:** Describe how artificial intelligence (AI) tools, such as machine learning and deep learning, are applied to threat identification, risk assessment, and incident response in cybersecurity.
- **Threat Detection & Prevention:** Showcase AI-based techniques to spot phishing scams, malware, and unusual network traffic.
- **Ethical and Legal Aspects:** Talk about data privacy, AI bias, and legal frameworks for ethical AI use in cybersecurity.
- **Hands-on Training & Case Studies:** Provide practical exercises and real-world case studies to illustrate AI's impact on cybersecurity.
- **Future Trends & Challenges:** Examine emerging threats, adversarial AI, and how AI will shape the future of cybersecurity.

**9. Name of Resource person(s) with their Position and Organisation Name (if any):**

**1. Dr. Satyajit Sharma, Asstt. Professor, Dept. of IT, Gauhati University**

**2. Dr. Nazrul Haque, Asstt. Professor, Dept. of Computer Science, Manipur University**

**10. Title of the Topic(s) delivered by the Resource person(s) (if applicable):**

**1. Understanding AI in Cybersecurity**

**2. Explore the use of AI tools in threat detection and prevention**

**11. Total No. of Participants: 85**

**a. Students:69**

**b. Teachers:16**

**c. Others (Please Specify): .....**

**12. Total No. of Beneficiaries (in case of extension activities): .....**

**13. Outcome of the Event (Please describe within 200 words):**

By the end of this workshop, participants will benefit by:

1. Knowledge & Skill Development:

- ✓ Understanding AI's role in cybersecurity (threat detection, automated response, etc.).
- ✓ Learning about AI-driven security tools like SIEM, IDS/IPS, and EDR.
- ✓ Hands-on experience with AI-based security frameworks.

2. Practical Implementations:

- ✓ **Threat Detection Models:** AI models that identify malicious activities.
- ✓ **Phishing Detection:** AI-based email filtering and analysis tools.
- ✓ **Anomaly Detection:** Identifying unusual patterns in network traffic.
- ✓ **Automated Incident Response:** Using AI to mitigate cyber threats in real-time.



**K.C.Das Commerce College**

**A ONE DAY WORKSHOP  
ON  
AI IN CYBERSECURITY**

Organized by  
**Dept. of Computer Science**  
In association with IQAC,K.C.Das Commerce College

**TOPICS OF DISCUSSION**

Understanding AI in Cybersecurity

Explore the use of AI tools in threat detection&prevention

Hands- on Training


**RESOURCE PERSONS**

**Dr.Satyajit Sharma**  
Asstt. Professor  
Dept. of IT  
Gauhati University  
Session 1: 10.30-12.30 pm

**Dr.Nazrul Hoque**  
Asstt.Professor  
Dept. of Computer Science  
Manipur University  
Session 2: 1-3 pm

**17** May  
2 0 2 5

**Venue:**  
Conference Hall 2

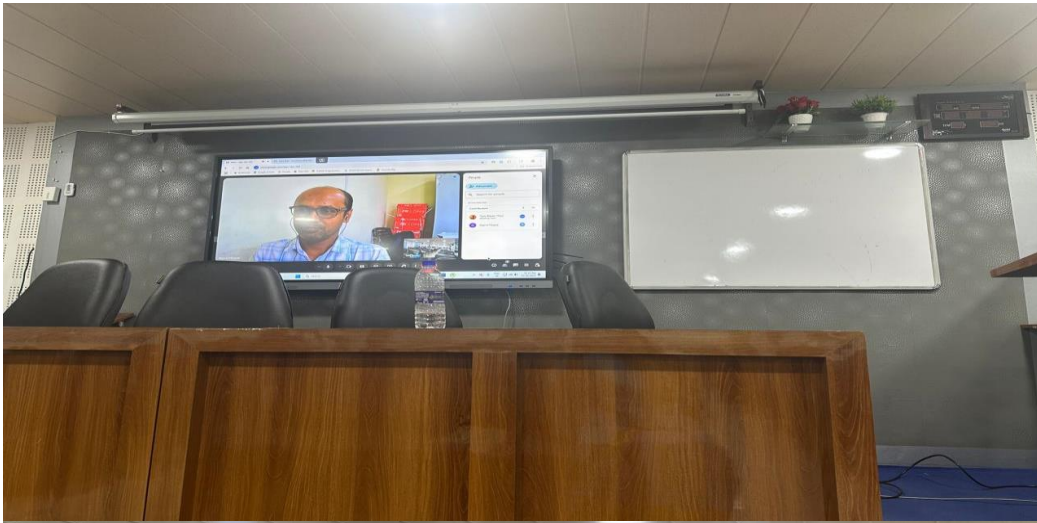
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 [www.kcdccollege.ac.in](http://www.kcdccollege.ac.in)

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## Photograph of the event:





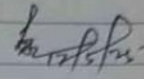
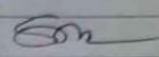



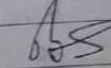



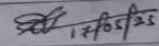
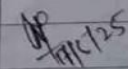
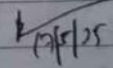
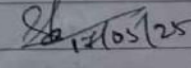
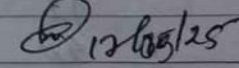
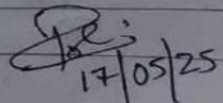


# List of participants One day Workshop

on AI in cybersecurity

Date - 17/05/25 (Time - 1030 am  
↓  
1230 pm)

classmate  
Date \_\_\_\_\_  
Page \_\_\_\_\_

| S.NO | Name of participants      | Designation       | Signature  |
|------|---------------------------|-------------------|--|
| 1.   | Dr. Hrishikesh Bhatnagar  | PRINCIPAL         |             |
| 2.   | Dr. Satyajeet Shasank     | Resource person   |             |
| 3.   | Archana Bora              | Faculty           |             |
| 4.   | Dr. Swapna Smriti Mahanta | Faculty           |             |
| 5.   | Dr. Bhakabhabuti Sarma    | Vice Principal    |             |
| 6.   | Dr. Bijoy Kalita          | Vice Principal II |            |
| 7.   | TONY BAYAN                | Asst. Prof        |           |
| 8.   | Jurimoni Kalita           | Asst. Prof        |           |
| 9.   | Jyotiskha Biswas          | Asstt. Professor  |           |
| 10.  | Jishnuaj Karhyap          | Asst. Professor   | Jishnuaj   |
| 11.  | Dipankar Hazarika.        | Asst. Professor   |  17/05/25 |
| 12.  | Himanku Sarma             | Asst. Professor   |  17/05/25 |
| 13.  | Dhargan Talukder          | Asst. Professor   |  17/05/25 |
| 14.  | Sudipta Karuahar          | Asst. Professor   |  17/05/25 |
| 15.  | Tabimuddin Khan           | Asst. Professor   |  17/05/25 |
| 16.  | Rashmi Tiwari             | Asstt. Professor  |  17/05/25 |

Lists of participants on the  
One day Workshop on  
"AI IN CYBERSECURITY"

Date: 17/05/25 (Time: 10.30 am  
12.30 pm)

classmate

Date

Page

|     |                           |                       |                  |
|-----|---------------------------|-----------------------|------------------|
| 17. | Debarpreya Ghosh          | Student (HS 2nd year) | Dighosh.         |
| 18. | Sameer Singh              | Student (HS 2nd year) | Sameer Singh     |
| 19. | Abhishek Kumar            | Student (HS 2nd year) |                  |
| 20  | Pankaj Ansari             | Student (BCA 2nd Sem) | Pankaj Ansari    |
| 21  | Aman Kumar                | Student (BCA 1st Sem) | Aman Kumar       |
| 22. | BHRIAGU BHUYAN            | Student (BCA 2nd Sem) | Bhriagu          |
| 23  | Siyyadul Daya Sagar       | Student (BCA 4th Sem) | S. Daya Sagar    |
| 24  | Sujan Baishya             | Student (BCA 2nd Sem) | S. Baishya       |
| 25  | Deepjyoti Das             | Student (BCA 4th Sem) | Das              |
| 26  | Muskaan Jaiswal           | Student (BBA 2nd Sem) | Muskaan Jaiswal  |
| 27  | Bhumnika Baideti          | Student (BBA 2nd Sem) | Bhumnika         |
| 28  | Chetanishi Verma          | Student (BBA 2nd Sem) | Chetanishi Verma |
| 29. | Ayan Funnain              | BCA 4th Sem           | Ayan Funnain     |
| 30  | Anisur Rahman             | BCA 4th Sem           | Anisur Rahman    |
| 31  | Gourab Barman             | BCA 4th Sem           | Gourab Barman    |
| 32  | Saurav Saha               | BCA 4th Sem           | Saurav Saha      |
| 33  | Hansha J Mandal           | BCA 4th Sem           | Hansha J Mandal  |
| 34  | Gaurav Ghose              | BCA 6th Sem           | Gaurav Ghose     |
| 35  | Uday U Ham Dey            | BCA 6th Sem           | Uday U Ham Dey   |
| 36  | Amrity Choudhury          | BCA 6th Sem           | Amrity Choudhury |
| 37  | Arshi Sah                 | BCA 6th Sem           | Arshi Sah        |
| 38  | Palak Bhattacharjee       | BCA 6th Sem           | Palak            |
| 39  | Tanvi Gupta               | BCA 6th Sem           | Tanvi Gupta      |
| 40  | Simran Saha               | BCA 6th Sem           | Simran Saha      |
| 41  | Pallabi Das               | BCA 6th Sem           | Pallabi Das      |
| 42  | Dilshad Hussain Barbhuiya | BCA 6th Sem           | Dilshad Hussain  |
| 43  | Sahil Qureshi             | BCA 6th Sem           | Sahil            |
| 44  | Hansh Raj Singh           | BCA 6th Sem           | Hansh            |
| 45  | Sejani Verma              | BCA 6th Sem           | Sejani           |
| 46  | Gantam Sonowal            | BCA 2nd Sem           | Gantam Sonowal   |
| 47  | Himangshu Gogoi           | BCA 2nd Sem           | Himangshu        |
| 48  | Arish Choudhary           | HS 2nd year           | Arish            |
| 49  | Arsh Biswas               | HS 2nd year           | Arsh             |
| 50. | Munimoy Nath              | HS 2nd year           | Munimoy Nath     |



\* List of participants on the

one day workshop

on "AI in CYBERSECURITY"

Date: 17/06/23 (Time: 10.30 am

12.30 pm)

classmate

Date

Page

|     |                       |                  |                  |
|-----|-----------------------|------------------|------------------|
| 51. | Ayush Dugar           | BBA 2nd Sem      | Ayush            |
| 52. | Ratish Jain           | BBA 2nd Sem      | Ratish           |
| 53. | Lakshya Singh         | BBA 2nd Sem      | Lakshya          |
| 54. | Ashmita Deka          | BCA 2nd Sem      | Ashmita Deka     |
| 55. | Sindat Timung         | B.C.A 2nd Sem    | Sindat           |
| 56. | Suraj Singh Sood      | B.C.A. 2nd Sem   | Suraj Singh Sood |
| 57. | Krishna Tulsi Nath    | B.C.A. 2nd Sem   | Krishna          |
| 58. | Asmita Deka           | B.C.A. 2nd Sem   | Asmita Deka      |
| 59. | Diya Sankar           | B.C.A 2nd Sem    | Diya             |
| 60. | Rohit Saha            | B.C.A 2nd Sem    | Rohit            |
| 61. | Devyani Banerjee      | BCA 2nd Sem      | Devyani          |
| 62. | Subhaji Bhattacharjee | BCA 2nd Sem      | Subhaji          |
| 63. | Rishabh Deb           | BCA 2nd Sem      | Rishabh          |
| 64. | Adil Fahan Ahmed      | BCA 6th Sem      | Adil Fahan Ahmed |
| 65. | Mahesh Ahmed          | BCA 6th Sem      | Mahesh           |
| 66. | Siva Prasad Das       | BCA 6th Sem      | Siva Prasad Das  |
| 67. | Sanskriti Dhal        | HS 2nd Year      | Sanskriti        |
| 68. | Shruti Mishra         | HS 2nd Year      | Shruti           |
| 69. | Smriti Das            | HS 2nd Year      | Smriti           |
| 70. | Bismita Narzary       | BCA 4th Sem      | Bismita          |
| 71. | Abrishat BK Das       | BCA 4th Sem      | Abrishat         |
| 72. | Piyush Velmankar      | BCA 4th Sem      | Piyush           |
| 73. | Satyajit Deb          | BCA 2nd Sem      | Satyajit Deb     |
| 74. | Sagnika Roy Chowdhury | BBA 2nd Semester | S. Roy Chowdhury |
| 75. | Bidisha Gayan (06)    | BBA 2nd Semester | Bidisha Gayan    |
| 76. | Rituparna Ghosh (37)  | BBA 2nd Semester | Rituparna Ghosh  |
| 77. | Rabi Borik            | BCA 4th Sem      | Rabi Borik       |
| 78. | Abhronil Sen          | BCA 4th Sem      | Abhronil         |
| 79. | Shikha Das            | BBA 2nd Sem      | Shikha           |
| 80. | Rahul Saha            | BCA 4th          | Rahul Saha       |
| 81. | Ritesh Mishra         | BCA 4th          | Ritesh           |
| 82. | Suman Singh           | BCA 4th          | Suman            |
| 83. | Arvind K. Yadav       | BCA 4th          | Arvind           |

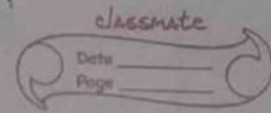




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|------|---------------------------|-------------------|-----------|
| 1.   | Dr. Hrishikesh Baruah     | PRINCIPAL         |           |
| 2.   | Dr. Satyajit Shasna       | Resource person   |           |
| 3.   | Archana Bora              | Faculty           |           |
| 4.   | Dr. Swapna Smriti Mahanta | Faculty           |           |
| 5.   | Dr. Bhakabhusan Sarma     | Vice Principal    |           |
| 6.   | Dr. Bijoy Kalita          | Vice Principal II |           |
| 7.   | TONY BRYAN                | Art Bryon         |           |
| 8.   | Jurimani Kalita           | Asst. Prof        |           |
| 9.   | Jyotiesikha Biswas        | Asstt. Professor  |           |
| 10.  | Jishnuaj Kashyap          | Asst. Professor   | Jishnuaj  |
| 11.  | Dipankar Hazarika.        | Asst. Professor   |           |
| 12.  | Himanku Sarma             | Asst. Professor   |           |
| 13.  | Bhargav Talukder          | Asst. Professor   |           |
| 14.  | Sudipta Karmakar          | Asst. Professor   |           |
| 15.  | Tabimuddin Akmal          | Asst professor    |           |

