

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Organized by: American Consulate, Kolkata (Supported) & Change Initiatives

Duration: 24th June – 26th June, 2026

Students of the Department of Mathematics and the Department of Computer Science (Semester II & Semester IV) of Bijoy Krishna Girls' College, Howrah, participated in the three-day workshop titled "*Expanding American Excellence in AI Technology Business in Emerging Markets*", held from 24th June to 26th June, 2026. The workshop aimed to expose students to emerging trends in Artificial Intelligence (AI), startup ecosystems, enterprise AI technologies, and real-world industrial applications.

Day 1: 24th June, 2026

Speaker: Mr. Deb Majumder, IBM

The inaugural technical session was delivered by Mr. Deb Majumder from IBM, who presented an insightful lecture on the applications of Artificial Intelligence in the American market. He explained how AI has become a driving force behind innovation across various sectors and highlighted the growing demand for AI professionals worldwide.

Major Topics Covered

- Evolution of Artificial Intelligence in the United States.
- AI applications in healthcare, banking, finance, retail, manufacturing, and education.
- AI-powered automation and intelligent business processes.
- Role of data in developing AI-driven solutions.
- Ethical AI, responsible AI practices, and data privacy.
- Career opportunities in Artificial Intelligence and emerging technologies.
- Future prospects of AI in global business and industry.

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Learning Outcome

Students gained a broad understanding of AI's impact on global industries, particularly in the American technology market, and became aware of emerging career opportunities in this field.

Day 2: 25th June, 2026

Speaker: Mr. Ariyan Islam

The second day's session focused on AI entrepreneurship, startup culture, and Large Language Models (LLMs). The speaker discussed how innovative AI ideas can be transformed into successful startups and demonstrated the capabilities of modern language models.

Major Topics Covered

- Fundamentals of AI-based startups.
- Identifying real-world problems and developing AI solutions.
- Startup lifecycle: ideation, product development, funding, and scaling.
- Introduction to Large Language Models (LLMs).
- Prompt engineering and effective interaction with AI systems.
- Practical applications of LLMs in education, software development, customer service, and business.
- Ethical concerns, bias, and limitations of LLMs.
- Innovation and entrepreneurship opportunities for students.

Learning Outcome

Students developed an understanding of startup ecosystems, entrepreneurial thinking, and the practical applications of Large Language Models in solving real-world problems.

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Day 3: 26th June, 2026 (First Half)

Speaker: Mr. Suvomoy Nandy, Program Delivery Director, Cognizant

The concluding session focused on Artificial Intelligence models and their implementation in enterprise applications. The speaker shared valuable industry experiences and discussed how organizations select and deploy AI models for business solutions.

Major Topics Covered

- Types of Artificial Intelligence models.
- Machine Learning, Deep Learning, and Generative AI.
- Large Language Models and multimodal AI.
- Model training, testing, evaluation, and deployment.
- Selecting AI models based on business requirements.
- Enterprise implementation of AI solutions.
- Responsible AI and model governance.
- Current industry trends and future developments.

Learning Outcome

Students gained practical insights into the development, deployment, and evaluation of AI models, as well as an understanding of how AI technologies are applied in real-world industrial environments.

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Day 3: 26th June, 2026 (Second Half)

Speaker: Mr. Saptaswa Sarkar

The morning session introduced participants to Enterprise Agentic AI and the Five-Layer Enterprise Agentic Technology Framework. The session demonstrated how autonomous AI agents can perform complex tasks with minimal human intervention.

Major Topics Covered

- Introduction to Agentic AI.
- Difference between Generative AI and Agentic AI.
- Five-layer Enterprise Agentic Technology architecture.
- Foundation Models and Knowledge Layer.
- Agent orchestration and workflow automation.
- Business process integration.
- AI governance, security, and compliance.
- Enterprise use cases of Agentic AI.

Learning Outcome

Students learned about next-generation AI systems capable of reasoning, planning, and autonomous decision-making in enterprise environments.

Overall Outcome of the Workshop

The workshop provided an excellent opportunity for students in the Departments of Mathematics and Computer Science (Semesters II & Semester IV) to interact with industry experts and learn about the latest developments in Artificial Intelligence. The sessions enhanced their knowledge of AI applications, startup ecosystems, Large Language Models, Agentic AI, and enterprise AI solutions. The program also inspired students to explore research, innovation, entrepreneurship, and career opportunities in the rapidly evolving field of Artificial Intelligence and emerging technologies.

E-mail: bkgc_howrah@yahoo.com

Phone: 2641-2341, 2641-4877

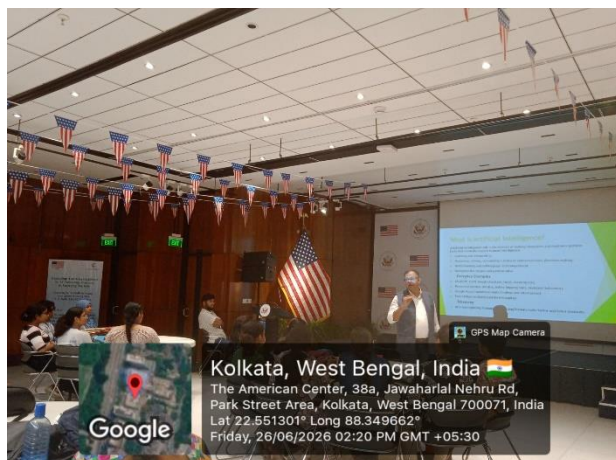
BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Pictures:



E-mail: bkgc_howrah@yahoo.com

Phone: 2641-2341, 2641-4877

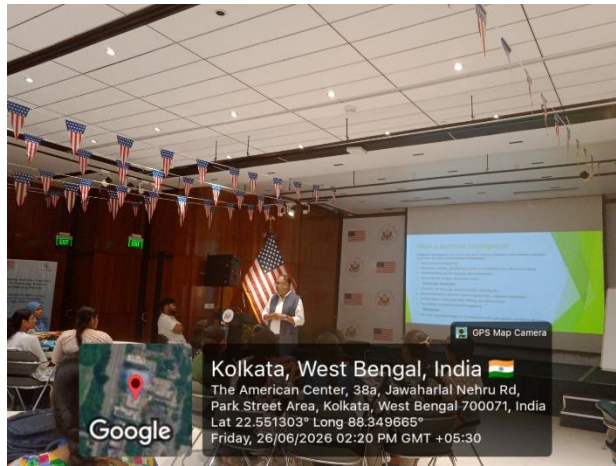
BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B++) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Report on Students' Participation in the Workshop

Pictures:



BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH**A NCTE and NAAC accredited (B⁺⁺) College**

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Ref. No.:

Date: 23/06/2026

CERTIFICATE OF RECOMMENDATION

This is to certify that Bijoy Krishna Girls' College, Howrah, has nominated the following students and faculty members to participate in the workshop titled "**Expanding American Excellence in AI Technology Business in Emerging Markets**", supported by the American Consulate, Kolkata and implemented by Change Initiatives, scheduled to be held from **24 June to 26 June 2026**.

The participants have been duly selected by the College and are recommended for participation in the programme.

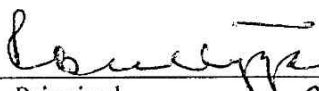
Faculty Members

- | | |
|---|--|
| 1. Dr. Rupak Bhattacharyya, Department of Mathematics | 4. Mr. Joy Adhikary, Department of Computer Science |
| 2. Dr. Pratap Mondal, Department of Mathematics | 5. Ms. Sushmita Pramanik Dutta, Department of Computer Science |
| 3. Dr. Samiran Banerjee, Department of Mathematics | 6. Ms. Mayurakshi Jana, Department of Computer Science |

Student Participants

- | | |
|---|--|
| 1. Samapti Adhikari, Department of Computer Science | 11. Koumili Mal, Department of Computer Science |
| 2. Sneha Barman, Department of Computer Science | 12. Ritika Shaw, Department of Computer Science |
| 3. Anwesha Bose, Department of Computer Science | 13. Neha Patra, Department of Computer Science |
| 4. Ipsita Roy, Department of Computer Science | 14. Pingolika Das, Department of Mathematics |
| 5. Madhushree Das, Department of Computer Science | 15. Sumana Yeasmin, Department of Mathematics |
| 6. Sneha Shaw, Department of Computer Science | 16. Alisha, Department of Mathematics |
| 7. Samata Mondal, Department of Computer Science | 17. Priya Singh, Department of Mathematics |
| 8. Swastika Malick, Department of Computer Science | 18. Shrestha Manna, Department of Mathematics |
| 9. Surangama Nayak, Department of Computer Science | 19. Srilekha Palley, Department of Mathematics |
| 10. Sayantika Chakraborty, Department of Computer Science | 20. Kankana Bandyopadhyay, Department of Mathematics |
| | 21. Sunidhi Pandey, Department of Mathematics |
| | 22. Monami Panja, Department of Mathematics |

The institution appreciates the opportunity extended to its students and faculty members and looks forward to their active engagement in the programme.


Principal
Bijoy Krishna Girls' College, Howrah
Principal / Secretary
Bijoy Krishna Girls' College
5/3, M. G. Road, Howrah-1

