

# BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B<sup>++</sup>) College

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

1. **Workshop/Seminar/Conference/Invited or Extension Lecture:** Extension Lecture
2. **Online/ Offline:** Offline
3. **Institutional/ International/ National/ Regional:** Institutional
4. **Title:** Computer Science Related with Stock Market
5. **Date:** 18<sup>th</sup> June, 2024
6. **Organizers:** Department of Computer Science R&D Cell, IQAC, Bijoy Krishna Girls' College, Howrah.
7. **Funding (with proof):** College



8. **Collaborators (with proof):** NA
9. **Resource Persons:** Dr. Sukhendu Kanrar, Department of Computer Science, Narasinha Dutt College

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## 10. Number of Participants: 21

Name	Department	Cell No.	Signature
1. Anupama Das	Computer Science	912411-11-0122	Anupama Das
2. Ananya Das	Computer Science	912411-11-0123	Ananya Das
3. Anshika Das	Psychology	912411-11-0111	Anshika Das
4. Anshika Das	Computer Science	912411-11-0124	Anshika Das
5. Anshika Das	Computer Science	912411-11-0125	Anshika Das
6. Anshika Das	Computer Science	912411-11-0126	Anshika Das
7. Anshika Das	Computer Science	912411-11-0127	Anshika Das
8. Anshika Das	Computer Science	912411-11-0128	Anshika Das
9. Anshika Das	Computer Science	912411-11-0129	Anshika Das
10. Anshika Das	Computer Science	912411-11-0130	Anshika Das
11. Anshika Das	Computer Science	912411-11-0131	Anshika Das
12. Anshika Das	Computer Science	912411-11-0132	Anshika Das
13. Anshika Das	Computer Science	912411-11-0133	Anshika Das
14. Anshika Das	Computer Science	912411-11-0134	Anshika Das
15. Anshika Das	Computer Science	912411-11-0135	Anshika Das
16. Anshika Das	Computer Science	912411-11-0136	Anshika Das
17. Anshika Das	Computer Science	912411-11-0137	Anshika Das
18. Anshika Das	Computer Science	912411-11-0138	Anshika Das
19. Anshika Das	Computer Science	912411-11-0139	Anshika Das
20. Anshika Das	Computer Science	912411-11-0140	Anshika Das
21. Anshika Das	Computer Science	912411-11-0141	Anshika Das

**11. Report:** A seminar held on June 18, 2024, exploring the intersection of computer science and stock market analytics. This event covered how advanced computational techniques such as machine learning, data mining, and natural language processing (NLP) are being used to predict stock prices, analyze market trends, and optimize investment strategies. Attendees learned about cutting-edge applications, including AI-driven algorithms for high-frequency trading and sentiment analysis using social media data to anticipate market movements.

The seminar highlighted the role of blockchain in enhancing transparency and security in stock market transactions, ensuring a more reliable trading environment. Participants discussed challenges like data privacy, cybersecurity, and the ethical considerations of AI in finance.

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## 12. Programme Outcome:

The seminar on Computer Science Related with the Stock Market, held on June 18, 2024, had several key program outcomes:

### Enhanced Understanding of Algorithmic Trading:

Participants gained a deeper understanding of how algorithmic trading uses computer science techniques such as machine learning and artificial intelligence to optimize trading strategies.

Outcome: Participants learned how to implement automated trading systems using historical data to make predictive models for stock price movement.

### Insight into AI and ML Applications:

### Insight into AI and ML Applications:

The seminar showcased real-world applications of artificial intelligence (AI) and machine learning (ML) in stock prediction and market trend analysis.

Outcome: Attendees left with the ability to apply AI and ML techniques for tasks such as time-series forecasting, sentiment analysis from financial news and social media, and volatility predictions.

## 13. Poster



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## 14. Certificate:



## 15. Pictures:



E-mail: bkgc\_howrah@yahoo.com

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- Utilisation Certificate

E-mail : bkgc\_howrah@yahoo.com Phone : 2641 2341  
2641 4877

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Date: \_\_\_\_\_ Time: \_\_\_\_\_

UTILISATION CERTIFICATE

Certified that the grant of Rs. 2,000/- (Rupees Two thousand five hundred only)  
out of the total grant of Rs. 2,000/- sanctioned to Sonalika Anand by  
Principal, Bijoyn Krishna Girls' College, Howrah towards Extra duty fee has been utilized  
for the purpose for which it was sanctioned and in accordance with the terms and conditions as laid down by  
the college.

Sonalika Anand  
Signature with date