



BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B⁺⁺) College

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

RESEARCH & DEVELOPMENT CELL, IQAC

REPORT OF THE MULTIDISCIPLINARY INTERNATIONAL SPECIAL TALK ON THE HUMAN BRAIN & ARTIFICIAL INTELLIGENCE: A SYNERGY FOR THE FUTURE UNDER THE DBT STAR COLLEGE SCHEME

1. **Workshop/Seminar/Conference/Invited or Extension Lecture:** Multidisciplinary Special Lecture
2. **Online/Offline:** Offline
3. **Institutional/International/National/Regional:** International
4. **Title:** THE HUMAN BRAIN & ARTIFICIAL INTELLIGENCE: A SYNERGY FOR THE FUTURE
5. **Date:** 11th December, 2024
6. **Organizers:** Departments of Mathematics & Zoology and R&D Cell, IQAC of Bijoy Krishna Girls' College, Howrah.
7. **Funding (with proof):** DBT Star College Scheme
8. **Collaborators (with proof):** NA
9. **Resource Persons:** Dr. Bappaditya Dey, Advanced Patterning Senior R & D Engineer, IMEC, Leuven, Belgium



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Ref: BKGCRDC/2023-24/30 Date: 07-12-2024

To
Dr Bappaditya Dey
Advanced Patterning Senior R&D Engineering
IMEC, Leuven, Belgium


Dear Sir,

I am delighted to extend an invitation to you to deliver a Multidisciplinary Special Lecture on the topic "The Human Brain & Artificial Intelligence: A Synergy for the Future" under the DBT Star College Scheme, jointly organized by the Departments of Mathematics and Zoology and the R&D Cell, IQAC of Bijoy Krishna Girls' College, Howrah.

The event is scheduled for 11th December 2024, at 11:00 AM in the College Auditorium.

The college will be honoured to have your acceptance for this event, and your participation would be greatly appreciated by all.

Warm regards,


(Chairperson, R&D Cell & Principal, BKG, Howrah)

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

Received & Accepted
B. Dey
11/11/2024



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Document of Acceptance

10. Number of Participants: 61

11. Report:

Under the DBT Star College Scheme, Bijoy Krishna Girls' College hosted a multidisciplinary special lecture focusing on the intersection of semiconductor devices and feature detection, particularly in artificial intelligence. The event aimed to explore the synergy between human brain mechanisms and AI systems and highlight advancements in semiconductor technology.

Speaker Highlights:

The featured speaker, an expert in semiconductor devices, discussed the latest breakthroughs in feature detection techniques. The presentation covered the critical role of semiconductor innovations in advancing AI capabilities, emphasizing their application in real-time decision-making systems.

Audience:

The event was attended by science students, faculty, and researchers. Participation was mandatory for all science students, fostering a multidisciplinary understanding of the topic.

12. **Programme Outcome:** This insightful lecture bridged the gap between foundational technologies and emerging AI trends, inspiring participants to explore interdisciplinary research opportunities.

13. **Poster/Brochure/Banner:**

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH
Departments of Mathematics & Zoology and R&D Cell, IQAC
organize

Multidisciplinary Special Lecture under DBT Star College Scheme

**THE HUMAN BRAIN & ARTIFICIAL INTELLIGENCE:
A SYNERGY FOR THE FUTURE**
by
DR BAPPADITYA DEY
Advanced Patterning Senior R&D Engineer
IMEC, Leuven, Belgium

11/12/2024; 11:30 am; Jibanananda Sabhagriha
You are Welcome
Attendance for all Science Students is Mandatory

Click the Robot to Register



BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

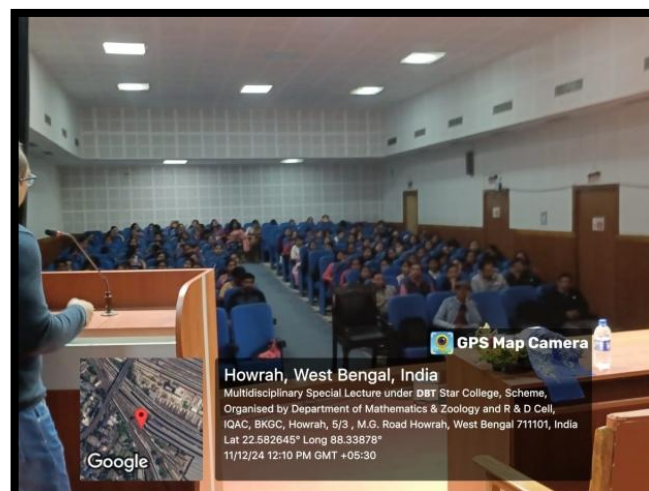
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14. Sample certificate:

15. Geotagged Pictures:



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Multidisciplinary SH Listwise under BMT, Sha College, Howrah
 28-11/2018
 Zoonosis and Nalla 11/12/24

NAME	SEM	DEPART	NAME	SEM	DEPART
Sudhansu Sirci	3rd	Math	Sakshi Naskan	5th	Zoology
Uttami Nath	3rd	Math	Pratyanka Ghosh	1st	1st
Sujana Mondal	3rd	Math	Manani Triandaf	1st	English
Ujjwala Chakraborty	3rd	Math	Rinki Kumari Mandal	1st	English
Sayanta Mondal	3rd	Math	Mousoni Deb Nath	5th	Psychology
Binita Roy	5th	Math	Shreya Mondal	5th	Psychology
Tithi Bhad	5th	Math	Susmita Ghosh	5th	Psychology
Debasree Das	5th	Math	Rakani Mukherjee	5th	Psychology
Manasree Barua	5th	Math	Shirpa Paul	1st	Psychology
Amalika Karmakar	5th	Math	Soma Mandal	1st	Education
Mounmita Paul	5th	Math	Ratna Sarkar	1st	Education
Sakshy Ghosh	3rd	Zoology	Nausheen Khatun	1st	Geography
Smita Roy	3rd	Zoology	Shreya Nayak	1st	English
Ananya Shaw	3rd	Zoology	Arisha Malik	3rd	Computer
Rona Prasad	3rd	Botany	Sahana Jallani	1st	Programming
Rutvik Khatun	3rd	Zoology	Shadana Jamal	1st	Geography
Amanjain Anand	3rd	Zoology	Adrija Kar	1st	Geography
Suchana Bhattacharya	3rd	Zoology	Surangama Nayak	1st	Computer
Pooja Chatterjee	3rd	Zoology	Neha Bhatia	1st	Computer
Ritika Das	3rd	Zoology	Piyali Kundu	1st	Computer
Riya Kumar	3rd	Zoology	Aparnajita Hazra	1st	Computer
Rutvik Das	3rd	Zoology	Kaushika Das	5th	Mathematics
Megha Hazra	3rd	Zoology	Suachchattaya Chatterjee	5th	Psychology
Ratna Roy	3rd	Zoology	Charisica	3rd	Zoology
Sakshi Saha	3rd	Zoology	Asmita Ghosh	3rd	Zoology
Nandaprabha	3rd	Zoology	Barsha Paul	5th	Psychology
Sanjana Saha	3rd	Zoology	Ananya Ghosh	5th	Psychology
Tapana Naskan	5th	Zoology	Sumana De Sarkar	5th	Computer
Rini Banerjee	5th	Zoology	Trisita Majumdar	5th	Botany
Aratika Jana	5th	Zoology	Puja Khatri	1st	Botany
Ranika Das	1st	Geography	Athana Ghosh	3rd	Comp Sci
Arati Kumari Roy	1st	Geography	Esika Das	5th	Math
Anindita Ganguly	1st	History	Koushani Das	5th	Zoology
Pranika Paul	5th	Zoology	Sandhya Nag	5th	Zoology

NAME	SEM	DEPART	NAME	SEM	DEPART
Binayoni Roy	3rd	Psychology	Sahini Shome	3rd	Psychology
Anchal Nishad	3rd	Psychology	Rajmangal Jindar	3rd	Psychology
Soma Saha	3rd	Psychology	Soma Thakur	3rd	Psychology
Arpita Hossain	3rd	Psychology	Shreyasree Datta	3rd	Psychology
Shubra Mallick	3rd	Psychology	Nehelina Das	3rd	Psychology
Sanya Dey	3rd	Psychology	Smitama Paul	3rd	Psychology
Swastika Bose	3rd	Psychology	Sujata Das	3rd	Psychology
M. Ananta Roy	3rd	Psychology	Gayatri Bhattacharya	3rd	Zoology
Jyotshna Maji	3rd	Psychology	Rinita Jana	3rd	Psychology
Sujoni Ghosh	3rd	Psychology	Rini Bose	3rd	Psychology
Rumpa Nishad	3rd	Psychology	Saswati Paul	3rd	Zoology
Suhani Banerjee	3rd	Psychology	Sreyasi Roy	3rd	Zoology
Ataba Haque	3rd	Psychology	Shreya Mandal	3rd	Zoology
Nidhi Das	3rd	Psychology	Ratna Mallick	3rd	Psychology
Shreyasree	3rd	Psychology	Bijay Kalita	3rd	Physics
Shradhika Das	3rd	Psychology	Shreya Ghosh	3rd	Chemistry
Shreya Mandal	3rd	Psychology	Shreya Mandal	3rd	Physics
Tanya Ghosh	3rd	Psychology	Dia Das	3rd	Psychology
Shikha Das	3rd	Psychology	Lamsudaha Mukherjee	3rd	Geography
Shikha Halder	3rd	Psychology	Riya Mallick	3rd	Geography
Rini Dey	3rd	Psychology	Riya Naskan	3rd	Geography
Arka Roy	3rd	Psychology	Tithi Pakshira	3rd	Geography
Sriparna Chatterjee	3rd	Psychology	Semana Somen	3rd	Geography
Sayoni Das	3rd	Psychology	Sneha Maji	3rd	Geography
Ashra Ghosh	3rd	Psychology	Bekhanjani Chatterjee	3rd	Zoology
Ranika Sordar	3rd	Psychology	Moucheandran Das	3rd	Psychology
Alisha	3rd	Psychology			
Sumana Yearmin	3rd	Psychology			
Monami Paria	3rd	Psychology			
Priyanka Das	3rd	Psychology			
Ummi Halder	3rd	Psychology			
Kaushika Chatterjee	3rd	Psychology			

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Sheets:



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- Utilization Certificate