



# BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

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

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

## RESEARCH & DEVELOPMENT CELL, IQAC

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### Report of activities held during the academic session 2024-25

#### Capacity & Confidence Building Centre:

**Year of Establishment: 2022**

Students can strengthen their abilities, self-assurance, and personalities with the aid of a Capacity and Confidence Building Center. Through workshops, mock interviews, and communication training, it helps individuals get ready for the workforce while also promoting participation, leadership, and personal development. All things considered, it helps students become more self-assured and prepared for the workforce by bridging the gap between academic knowledge and practical needs.

#### Events conducted under the Capacity and Confidence Building Centre (2024-25):

- Motivational Talk on Success Beyond the Merit List (28/06/2024)
- Inter-departmental Students' Seminar (Aug–Sept 2024)
- Inter-college Students' Seminar (21/09/2024)
- Placement Drive 2024 (26/09/2024)
- Student Seminar on Futuristic AI (03/08/2024)
- Awareness Camp on Student Safety in Everyday Life (30/08/2024)
- Awareness Programme on ANGEL Investment (29/08/2024)
- One Day State Level Workshop on “Internship: The Way Ahead” (05/05/2025)

#### IPR (Intellectual Property Rights) Cell:

**Year of Establishment: 2018**

An IPR Cell (Intellectual Property Rights Cell) plays an important role in promoting and managing intellectual property within an organization or institution.

- Encourage students and faculty to innovate and create new ideas or projects
- Help file patents, copyrights, and trademarks for student/faculty work
- Guide research activities and ensure proper ownership of intellectual work
- Organize workshops and seminars on intellectual property awareness
- Support start-ups and incubation centers within the college

#### Events conducted under the IPR Cell (2024-25):

- Awareness Session on Intellectual Property Rights (IPR) (29/05/2025)



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### IIC (Institution's Innovation Council):

**Year of Establishment: 2022**

A college's Innovation Council (IIC) is crucial to fostering an innovative and startup culture among its students. It:

- encourages creativity and innovative thinking
- promotes new ideas and entrepreneurship
- arranges seminars, hackathons, and workshops.
- offers exposure to the industry and mentorship
- supports patents, prototypes, and research.

In summary, under the direction of the Ministry of Education Innovation Cell, IIC assists students in transforming their ideas into practical solutions and enterprises.

### Events conducted under the IIC (2024-25):

- Celebration of Environment Day by IIC (05/06/2024)
- Impact Lecture Series: Career Opportunities in Artificial Intelligence (13/06/2024)
- Self-Driven Activities (Python & LaTeX sessions by Department of Physics & IIC)
- Two-day workshop on Ecosystem Enablers: Bio-fertilizers and Bio-pesticides (29–30/08/2024)
- Workshop on Entrepreneurship and Innovation as Career Opportunity (09/11/2024)

### Internship Sub-Committee:

**Year of Establishment: 7th January, 2025**

**“The composition of the committee mentioned earlier has been slightly revised. The members of the sub-committee are as follows:”**

#### Members:

1. Dr. Tanbir Nasim (Nodal Officer)
2. Dr. Papiya Ghosh
3. Dr. Dibyendu Ganguly
4. Dr. Ratna Roy
5. Dr. Jitendra Nath Das
6. Abhijit Karmakar
7. Atanu Saha



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### Sub- Nodal Officers:

Bengali: Dr. Anup Kumar Biswas

Chemistry: Dr. Tridib Bhunia

Commerce: Dr. Ratna Roy

Computer Science: Sarajit Ankura

Education: Dr. Radha Ghosh

English: Dr. Suva Basu

Economics: Rupkatha Mukherjee

Geography: Dr. Bhaskar Chowdhury

History: Dr. Souvik Das

Journalism: Soma Chandra

Mathematics: Ranen Bhattacharyya

Microbiology: Dr. Joydeep Saha

Physics: Dr. Shyamal Kumar Pal

Philosophy: Dr. Jhuma Paul

Political Science: Kaushik Bandyopadhyay

Psychology: Dr. Sraboni Chatterjee

Sanskrit: Dr. Biswaranjan Goswami

Sociology: Dr. Dibyendu Ganguly

Zoology: Dr. Papiya Ghosh

### Report activities conducted under Internship Sub-Committee (2024-25):

- The Internship Sub-Committee was established on 7<sup>th</sup> January, 2025.
- First meeting was done 22<sup>th</sup> January, 2025 with the HODs of different departments to discuss about the summer internship modalities.
- Second meeting was held on 9<sup>th</sup> February, 2025 to discuss about organising an Internship workshop on 5<sup>th</sup> may, 2025 in collaboration with Ramakrishna Mission Vidyamandira, Belur.

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- Third meeting was held on 26<sup>th</sup> April, 2025. In this meeting, the sub-committee and sub-nodal officers talked in details about the planning and proposals of different departments for the forthcoming summer internship.
- One Day State Level Workshop on “Internship: The Way Ahead” was organised by Internship Committee of R&D Cell, IQAC of Bijoy Krishna Girls' College, Howrah in collaboration with Ramakrishna Mission Vidyamandira, Belur Math on 5<sup>th</sup> May, 2025 at Jibananda Sabhagriha. A total of 67 faculty members of different colleges participated in this workshop. The resource persons of the workshop were Swami Mahaprajnana, Swami Vedatitananda and Shri Debashis Biswas. The Nodal, Sub-Nodal Officers and other faculty members of different colleges learned how to manage the summer internship programme for the students. They also got to know the UGC and University of Calcutta guidelines for the internship.
- Fourth meeting was held on 7<sup>th</sup> May, 2025. In this meeting, the sub-nodal officers proposed their summer internship plans. The responsibilities of sub-nodal officers and mentors are also talked about.
- Fifth meeting was held on 22<sup>nd</sup> May, 2025. This meeting was for the management and planning of summer internship programme of three-year semester IV (CCF, 2022).
- Major students of Semester IV of all departments and students of Semester II of few departments did their Summer Internship in the summer recess 2025. Students of three year course of Semester IV also did their Summer Internship.

### Howrah Pragyan Kendra:

**Year of Establishment: 2023**

The Howrah Pragyan Kendra, an initiative of Bijoy Krishna Girls' College, is dedicated to the preservation and promotion of ancient literature and historical heritage. It serves as a platform for fostering academic research, encouraging scholars and students to explore the rich intellectual traditions of the past. By safeguarding valuable texts and supporting critical inquiry, the Kendra plays an important role in connecting contemporary learners with classical knowledge. Through its efforts, it not only protects cultural legacy but also inspires a deeper appreciation for history and scholarly pursuits.

### Events conducted under Howrah Pragyan Kendra (2024-25):

- Students' Seminar on Some Reflections on the Local History of Bengal by Department of History, Pragyan Kendra, R and D Cell and IQAC (23/05/2025)

### Community Development Centre:

**Year of Establishment: 2023**

Community Development Center (CDC) is crucial for connecting academic learning with real-world social responsibilities. It encourages communal welfare and helps students become engaged members of society. It:

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- Promotes social responsibility among students
- Organizes community service activities (health camps, literacy drives, awareness programs)
- Develops skills like leadership, teamwork, and communication
- Connects the college with local communities
- Encourages volunteerism and civic engagement
- Supports social, environmental, and developmental initiatives

### Events conducted under the Community Development Centre (2024-25):

- Motivational Programme to School Students (Har Ghar Tiranga) – College Campus (12/08/2024)
- Motivational Programme to School Students – Ramkrishna Adarsha Balika Vidyalaya (14/08/2024)
- Interactive Session with Blind Boys' Academy Narendrapur (25/04/2025)
- Admission Drive at Shibpur Hindu Girls' High School (28/04/2025)
- Awareness Program on Environment at Jogesh Chandra Girls' High School (29/04/2025)
- Interactive Session & Admission Drive at Jogesh Chandra Girls' High School (29/04/2025)

### Others (General Academic / Research / Training Activities) (2024-25):

- Two-day workshop “Be Cyber Smart” (06–07/06/2024)
- Special Lecture on Managing Business in VUCA World (14/06/2024)
- Certificate Course on Case Studies (14/06/2024)
- Certificate Course on Visual Storytelling (14/06/2024)
- Certificate Distribution Ceremony of Mahindra Pride Classroom (14/06/2024)
- Extension Lecture on Computer Science & Stock Market (18/06/2024)
- Workshop on Research Methodology and Project Funding (02/08/2024)
- Workshop on Fundamentals of Research (21–22/08/2024)
- International Special Lecture on Human Brain & AI (11/12/2024)
- International Conference on Basic Sciences (03–04/01/2025)
- Hands-on Training for School Students (DBT Star Scheme) (08–09/01/2025)
- Industrial Training under DBT-STAR Scheme (16/04/2025)
- Interdepartmental Science Quiz Competition (23/04/2025)
- International Talk on Abraham Lincoln (23/05/2025)

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**RESEARCH & DEVELOPMENT CELL, IQAC****Short Budget Small Project Scheme (SBSPS):**

The Short Budget Small Project Scheme is an initiative through which the R&D Cell fosters research aptitude among faculty members by providing financial support to undertake small-scale research projects.

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**RESEARCH & DEVELOPMENT CELL**

The Principal  
BKGc, Howrah

*25/04/25*

*Subject: Disbursement of SBSP grant 2025*

Dear Madam,  
Based on the recommendations received during the selection meeting held on 25.09.2024, the grants under the Short Budget Small Project Scheme (SBSPS) for the year 2025 may be issued to the PIs of the following projects.

Reference No.	Project Title	Domain	Investigators	Approved Grant (INR)
BKGC/RDC/SBSPS/2025/01	Lower Ganga Plain - The Nurturer of Heritage and Culture of India	History and Cultural Geography	Dr Karabi Mitra (PI) Dr Samhita Chaudhuri (Co-PI)	12,000.00
BKGC/RDC/SBSPS/2025/02	Transforming Teacher Education: A Study of Four Year Integrated Education Programmes	Graduate Level Students, Teachers and Guardians	Basudeb Roy Chaudhury (PI) Dr. Somen De (Co-PI)	12,000.00
BKGC/RDC/SBSPS/2025/03	Smartphone Addiction of High School in West Bengal	Secondary Level Students	Tuhina Begum (PI) Chiranjib Saha (Co-PI)	12,000.00
BKGC/RDC/SBSPS/2025/04	Isolation and Characterization of Heavy Metal Resistant and Antimicrobial Substance forming Bacteria with respect to its Copper Uptake Ability	Environmental Science	Tambir Nasim (PI) Biswajit Saha (Co-PI)	12,000.00

Thanks, and regards,  
*Amal Chatterjee*  
(Convener, R&D Cell) *25/04/25*



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### Report of activities held during the academic session 2025-26

#### Event Conducted under Research Information, Strategy and Operations Unit:

- Seven-Day Workshop (Hybrid Mode) on Approaches to Research Methodology: Foundations and Frontiers across Disciplines organized by Research and Development Cell, Internal Quality Assurance Cell of Bijoy Krishna Girls' College, Howrah in Collaboration with Muralidhar Girls' College, New Alipore College and Shyampur Siddheswari Mahavidyalaya from 15.01.25 to 21.01.26

#### Event Conducted under IIC:

- Educational Visit to Ramakrishna Mission Vidyamandira, Belur (08/08/25)

#### Event Conducted under Capacity and Confidence Building Centre:

- Students' Seminar jointly organized by Capacity and Confidence Building Centre and IIC (05/12/25)

#### Report of Internship Sub-Committee:

- First meeting was held on 28th July to discuss about conduction of summer internship exam.
- Conduction of summer internship examination was smoothly carried out on 4th and 6th August, 2025.
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- Second Meeting was carried out on 22nd August, 2025 before uploading of Summer Internship marks.