

INCUBATION CELL REPORT

Bengal College of Engineering and Technology, Durgapur
Report for the Month of July 2026

1. Introduction

The Incubation Cell of Bengal College of Engineering and Technology (BCET), Durgapur, is committed to nurturing student innovation and entrepreneurship with a strong emphasis on **socially relevant projects**. In line with the decisions taken in the meeting held on 9th January 2026, the Cell has focused on identifying, mentoring and supporting student teams working on solutions that address real societal needs.

2. Focus Areas (Socially Relevant Domains)

The following domains were prioritised for incubation support during 2026:

- Clean energy and low-cost solar solutions for rural households
- Waste management and waste-to-wealth initiatives
- Affordable educational technology and digital literacy tools
- Agri-tech solutions for local farmers
- Low-cost healthcare and assistive devices

3. Key Activities Carried Out

- Ideation Workshop organized to encourage students to develop socially relevant project ideas.
- Screening and selection of promising student teams for incubation support.
- Allocation of faculty mentors and provision of basic workspace and guidance for prototype development.
- Regular review of progress of the selected teams.

4. Status of Incubated Projects (as of July 2026)

Several student teams are currently working under the Incubation Cell on socially relevant prototypes. Progress has been made in the following directions:

- Development of low-cost solar lighting / solar home solutions suitable for rural use.
- Conceptualization and early prototyping of waste segregation / recycling models.
- Design of simple digital learning tools aimed at improving access to education for rural students.
- Exploration of basic agri-support devices and ideas that can benefit local farmers.

5. Outcomes and Impact

- Increased student interest in solving real societal problems through technology and innovation.
- Hands-on learning experience for students in product design, prototyping and entrepreneurship.
- Creation of a pipeline of socially relevant ideas that can be further developed into startups or community solutions.
- Strengthening of the culture of innovation and social responsibility on campus.

6. Future Plans

- Organisation of a Prototype Exhibition / Demo Day to showcase student innovations.
- Strengthening mentorship and providing further technical and limited financial support to promising teams.

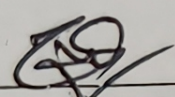
BENGAL COLLEGE OF ENGINEERING AND TECHNOLOGY, DURGAPUR
Incubation Cell

- Exploring linkages with external funding agencies, CSR programmes and government schemes supporting social innovation.
- Encouraging conversion of successful prototypes into startup ventures or community deployment projects.

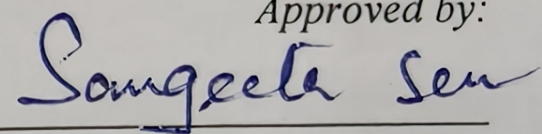
7. Conclusion

The Incubation Cell has made steady progress in promoting socially relevant innovation among students during the first half of 2026. By focusing on real community needs such as clean energy, waste management, education and agriculture, the Cell is helping students develop meaningful solutions while also building entrepreneurial skills. The Committee remains committed to providing continued support and creating more opportunities for impactful student innovation in the coming months.

Prepared by:


Dr. Gopal Chandra Das
Convener, Incubation Cell

Approved by:


Dr. Sangeeta Sen
Incubation Manager