

Government of West Bengal
Department of Science & Technology and Biotechnology (DSTBT)
Vigyan Chetana Bhavan, Block-DD, Plot-26/B,
Sector-I Salt Lake, Kolkata-700064

Application Format for Science Popularization Programme

1. Programme Type (ref SN 11 of the Memorandum): Seminar organized by college.....
2. Title of the proposed Programme: Closing the Loop: Waste-to-Wealth Pathways in the Circular Economy
3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community): Scientific Experts, Research Scholars, Enterpreneurs, College/ University Students.....
4. Duration (days): 2 Days.; Tentative Dates of the proposed Programme:
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary): Refer to Annexure III
6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary):

Name: Dr. Shilajit Barua,
Designation: Associate Professor, Department of Microbiology, Vijaygarh Jyotish Ray College.
Postal Address: Vijaygarh Jyotish Ray College. 8/2, Bejoygarh Jyotish ray College Kolkata 700032
Mobile: -91-9432166493
Email: shilajitj82@gmail.com

7. **Legal status of the Institute (School/College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.):**
Government Aided College, NAAC-A Accrediated
8. Date wise detail Programme Schedule (attach separate sheet, if necessary): Refer to Annexure IV
9. Collaborating Institutions/ Organizations, if any, with their specific contribution: None
10. Expected number of participants and list of Resource Persons/ Invited Speakers:

Expected Number of Participants: 60-70

List of Resource Persons/ Invited Speakers

1. Dr. Sudipta Tripathi. Assistant Professor, School of Environment and Disaster Management, RKMVERI, Narendrapur. sudiptatripathi04@gmail.com.
2. Dr. Pradip Bhattacharyya. Associate Professor, Agricultural & Ecological Research Unit, ISI Giridih. bpradip@isical.ac.in.
3. Dr. Monidipta Saha: Programme Assistant in Sasya Shyamala Krishi Vigyan Kendra (SSVK) under ICAR andm hosted by Ramakrishna Mission Vivekananda Educational and Research Institute
4. Dr. Saikat Kumar Basu, PFS, Lethbridge, Alberta, Canada
5. Other experts are yet to confirm their acceptance.

11. Give details of the grant received from DSTBT in last three Financial Years, if any alongwith the date of submission of UC, Audited SoE, Report etc.: None

12. Name and address of the authority to whom the allotted amount is to be credited (if sanctioned) who will also be responsible for submitting the UC, audited SoE, Programme Completion Report, Feedback, Still and Video photographs etc. of the grant

Dr. Rajyasri Neogy, Principal, Vijaygarh Jyotish Ray College. 8/2, Bejoygarh Jadavpur. Kolkata 700032

13. Total Estimated Expenditure (**A**)/ Organisation's contribution (**B**)/ Contribution from any other sources (**C**) / Grant expected from DSTBT(**D**):

D : ₹1,25,000 = (**A**: ₹1,50,000 – **B**: ₹25,000 – **C**: ₹0)

(provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II):

Check List (put tick) of attachments to be submitted with the application

- Proposed Total Budget with break-up (Annexure-I) and Bank Details (Annexure-II) in Institute/ Organization's letter head: **YES/NO**
- For registered NGO/ Trust, filled in Application Format recommended by the appropriate Recommending Authority, viz., Jt.BDO/ BDO/ SDO/ DM/ Executive Officer- Municipality/ Commissioner-Municipal Corporation as the case may be (where the programme is actually going to be held): **YES/NO**
- For registered NGO/ Trust, attested copies of the registration certificate, latest renewal certificate, Memorandum and Rules & Regulations of the Organization, last three years Audited Statement of Accounts, Annual Reports etc., List of recommended beneficiaries: **YES/NO**

DECLARATION

Certified that the details furnished in the filled in format are correct to the best of our knowledge & belief and that the amount of financial assistance, if sanctioned, will be utilized for the purpose for which it is granted within the time as prescribed by DSTBT. We also undertake to abide by the General Guidelines and Terms & Condition prescribed by DSTBT and provide due coverage to DSTBT during the Programme and publications/ print and electronic media made from the Programme in future. We also declare that within one month after completion of the Programme we shall submit the Utilisation Certificate (UC), Audited Statement of Expenditure (Audited-SoE), Programme Completion Report, Feedbacks from the Participants, still and video photographs etc.

Signature: *Shilajit Barua*

Date: 15.12.2025

Name of Programme Coordinator:

Dr. Shilajit Barua

Designation: Associate Professor

Address: Dept. of Microbiology
Vijaygarh Jyotish Ray College
8/2, Bejoygarh Jadavpur
Kolkata 700032

Signature: *Rajyasri Neogy*

Date: 15.12.2025

Name of Head of the Institution:

Dr. Rajyasri Neogy

Designation: Principal

Address: Vijaygarh Jyotish Ray College
8/2, Bejoygarh Jadavpur,
Kolkata 700032

Principal
Vijaygarh Jyotish Ray College
Kolkata-700 032

Proposed Total Budget with break-ups

A. Total Estimated Expenditure

Sl. No.	Items required with justification and rate	Total Expenditure (A) (₹)
1.	Honorarium to Resource Persons/ Experts	20,000
2.	Study materials, Consumables expenses	30,000
3.	Hall rent, if any	-
4.	Publicity materials	10,000
5.	Travel expenses	5,000
6.	T.A. to the external Resource Persons/ Experts	10,000
7.	Documentation expenses including audio-visual	10,000
8.	Light refreshments	60,000
9.	Auditors' fee	5000
10.	Other expenses, if any (please specify)	
Grand Total Expenditure (₹):		1,50,000

Please mention:

B. Institution/ Organization Contribution* in ₹ 25,000
 C. Contribution from any other sources (with name & Address) in ₹: None

D. Grant expected from DSTBT (₹) = ₹ 1,25,000

Rajyaani Ray

Signature of Authorised Personnel with seal

Principal
 Vijaygarh Jyotish Ray College
 Kolkata-700 032

If C= 0

Undertaking: This organization/ institution is not receiving any kind of financial assistance from any other sources

Rajyaani Ray

Signature of Authorised Personnel with seal

Principal
 Vijaygarh Jyotish Ray College
 Kolkata-700 032

*At least 10% of the total budget contribution from the Institute/ Organization is desirable

Annexure III: Aims, Objectives and Details of the Programme

Aims

The conference aims to provide an interdisciplinary platform for academicians, researchers, industry professionals, policymakers, and students to deliberate on emerging concepts, technologies, and policy frameworks related to **Waste to Wealth** within the broader paradigm of the **Circular Economy**. It seeks to promote sustainable resource management by highlighting innovative strategies that convert waste streams into valuable products, energy, and economic opportunities, thereby contributing to environmental protection and inclusive green growth.

Objectives

The specific objectives of the programme are to:

1. Create awareness about circular economy principles and their role in transforming waste from an environmental burden into a resource.
2. Disseminate recent scientific, technological, and policy advancements in waste valorization, including biological, thermal, and material recovery approaches.
3. Encourage knowledge exchange between academia, industry, urban local bodies, and entrepreneurs for scalable waste-to-wealth solutions.
4. Highlight life cycle assessment, climate mitigation, and socio-economic benefits associated with sustainable waste management systems.
5. Foster collaboration, innovation, and capacity building among young researchers and students working in the areas of waste management and sustainability.

Details of the Programme

The two-day conference is structured around keynote lectures, invited expert talks, technical sessions, panel discussions, and poster presentations. The inaugural session sets the thematic context, followed by keynote addresses offering national and global perspectives on waste-to-wealth models. Technical sessions focus on circular economy frameworks, waste valorization technologies, industrial and agricultural waste management, and sustainability assessment tools such as life cycle analysis and carbon footprinting. Panel discussions facilitate multi-stakeholder dialogue on policy implementation, industry challenges, entrepreneurship, and the role of waste-to-wealth initiatives in achieving net-zero and smart city goals. Poster sessions and networking opportunities provide a platform for early-career researchers and students to showcase their work and engage with experts. Overall, the programme is designed to integrate science, policy, and practice, translating knowledge into actionable pathways for sustainable development.

Annexure IV: Two-Day National Conference titled
“Closing the Loop: Waste-to-Wealth Pathways in the Circular Economy”

Tentative Schedule

Dates: 26–27 February 2026

Venue: Vijaygarh Jyotish Ray College

Day 1 – Thursday, 26.02.2026

09.00 AM-10.00AM: Registration & Welcome Tea

10.00-10.30 AM: Inaugural Session

- Lighting of the Lamp
- Welcome Address – Principal of the College
- Opening Remarks – Programme Co-ordinator
- Inaugural Address – Chief Guest
- Release of Conference Souvenir / Abstract Book

10:30 – 11:15: Inaugural Keynote Lecture

11:15-11.30: Tea Break

11:30– 13:00: Technical Session I:

Invited Talk 1
Oral Presentations (Selected Papers)

13:00 – 14:00

Lunch Break

14:00 – 16:30

Technical Session II: Waste Valorization Technologies

- Invited Talk 2:
- Poster Presentation
- Oral Presentations (Selected Papers)

16:30 – 16:45

Tea Break

16:45 – 17:30: Panel Discussion I

Day 2 – Friday, 27.02.2026

10:00 – 11:00: Keynote Lecture II

10:00 – 11:30

Technical Session III:

Invited Talk 3

Invited Talk 4

11:30 – 11:45: Tea Break

11:45 – 13:30

Technical Session IV: Oral Presentations (Remaining)

13:30 – 14:30: Lunch Break

14:30 – 15:30: Panel Discussion II

15:30 – 16:15 : Industry Interaction and Networking

16:15 – 16:45

Valedictory Session

- Summary of Conference Deliberations
- Best Paper & Best Poster Awards
- Valedictory Address
- Vote of Thanks

16:45 onwards

High Tea & Departure
