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 (refSN11oftheMemorandum):Seminar/ Symposium/**Conference**/ Workshop etc. **organized by colleges**

2. Title of the proposed Programme: **International Conference on Sustainable Development through Interdisciplinary Science and Technology**

3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community):
    1. *University faculty, researchers, and scholars in Physics, Chemistry, Mathematics, Biology, and Technology.*
    2. *Interdisciplinary scientists working at the intersection of natural sciences and engineering.*
    3. *Graduate and doctoral students seeking to present their work and gain global exposure.*
    4. *Industry professionals interested in sustainable technologies and innovation.*
    5. *Policymakers, educators, and organizations engaged in science, technology, and sustainability.*

4. Duration(days):**2 days**; Tentative Dates of the proposed Programme:**24-25 July'2026**

5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):
    (Details are attached in separate sheet)

6. Name, Designation, Postal Address, mobile no. And e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary):
    (Details are attached in separate sheet)

7. Legal status of the Institute (School/College/ University/Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.):
    AICTE approved affiliated COLLEGE under (MAKAUT)

8. Date wise detail Programme Schedule (attach separate sheet, if necessary):.....................
    (Details are attached in separate sheet)

9. Collaborating Institutions/ Organizations, if any, with their specific contribution: ....
    Not Applicable

10. Expected number of participants and list of Resource Persons/Invited Speakers:

100 participants
Resource Persons: 7 persons (details attached)

11. Givedetailsofthegrantreceivedfrom DSTBTinlastthreeFinancialYears,ifanyalongwith   the date of submission of UC, Audited SoE, Report etc.:...........................

Not Applicable

....

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:

Name and address of the authority to whom the allotted amount is to be credited (if sanctioned): **Meghnad Saha Institute of Technology**

Person responsible for submitting the UC, audited SoE, Programme Completion Report, Feedback, Still and Video photographs etc. of the grant: **Dr. Sumit Som (PC)**

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

D : ₹ 1, 40,000 = (**A**: ₹1, 92,000–**B**: ₹ 27,000– C: ₹ 25, 000)

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

* Contribution from any other sources (**C**): Registration fees @ 500/- from 50 Paper presenters.

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**
- 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): **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: **NO**

D EC L ARATION

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 Utilization Certificate (UC), Audited Statement of Expenditure (Audited-SoE), Programme Completion Report, Feedbacks from the Participants, still and video photographs etc.

Signature: Signature:

Date:15/12/2025   Date:15/12/2025   **Principal**
                                                                Meghnad Saha Institute of Technology

Name of Programme-   Name of Head of

Coordinator: **Dr. Sumit Som**   the Institution: **Dr. Manash Chanda**

Designation: **Associate Professor**   Designation: **Principal**

Address: **Meghnad Saha Institute of   Address: **Meghnad Saha Institute of
Technology, Kolkata-150**   Technology, Kolkata-150**

(Office Seal)

R ECOM M EN D AT ION
(only for registered NGO/Trust)

Certified that the said Organization is reputed in this field and I/ we recommend the said proposal for getting grant-in-aid from DSTBT, Govt. of West Bengal for the benefit of the local College/ University Students/ Community etc.

Signature:

Date:

Name of Recommending Authority:

Designation:

(Office Seal)   Address:

Meghnad Saha Institute of Technology

TECHNO COMPLEX, MADURDAHA, BESIDE NRI COMPLEX, UCHHEPOTA, KOLKATA-700 150, WEST BENGAL
Phone : 7044598807, Website : www.msit.edu.in

<u>Annexure-I</u>

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 @5000/-	35,000
2.	Study materials, Consumables expenses	20,000
3.	Hall rent, if any (Institute contribution full)	12,000
4.	Publicity materials	10,000
5.	Travel expenses	10,000
6.	T.A. to the external Resource Persons/ Experts	20,000
7.	Documentation expenses including audio-visual (Partial Institute Contribution-15,000/-)	25,000
8.	Light refreshments	40,000
9.	Auditors' fee	5,000
10.	Other expenses ,if any (please specify) Memento, Uttoriyo, Reg kit etc.	15,000
	Grand Total Expenditure(₹):	**1, 92,000**

Please mention:

B. Institution/ Organization Contribution*in ₹**27,000 (Twenty Seven thousand only)**

C. Contribution from any other sources (with name & Address) in ₹ **25,000** (Registration fees @500/- from 50 paper presenters)

D. **Grant expected from DSTBT (₹) = (A-B-C)= 1,40,000 (One lakh and forty thousand only)**

Signature of Authorized Personnel with seal
Principal
Meghnad Saha Institute of Technology

If C= 0
Undertaking: This organization/ institution is not receiving any kind of financial assistance from any other sources

Signature of Authorized Personnel with seal

*At least10%of the total budget contribution from the Institute/Organization is desirable

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Annexure-II

Bank details of the Applicant Organisation

Name of the Organization	**Meghnad Saha Institute of Technology**
Bank Account number& Name of the Account holder/Organization	**4548002100001557 Meghnad Saha Institute of Technology**
Type of Account (Savings or CurrentA/c)	**Current**
Name of the Bank	**Punjab National Bank**
Name of the Branch with Branch address	**Salt Lake City, Sector-V Branch**
IFSC of the Branch	**PUNB0454800**
Mobile Number of the Programme Coordinator/ Head of the Organization	**9830767701**
PAN/TAN of the Accountholder/Organization	**AABTA0977D**

15/12/25

Signature of Authorized Personnel with seal

Principal
Meghnad Saha Institute of Technology

MEGHNAD SAHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

5. Aims, Objectives and Details of the Programme International Conference-2026

Proposed Title: **International Conference on Sustainable Development through Interdisciplinary Science and Technology (ICSDIST-2026)**
"Integrating Scientific Disciplines for a Sustainable Tomorrow"

Proposed Date: **24th-25th July, 2026**   Mode: **Offline-in Person**
Venue: **Sir J C Bose Auditorium**   Participants: **100**

❖ **Conference Vision & Mission:**
The International Conference on Sustainable Development through Interdisciplinary Science and Technology (ICSDIST-2026) aims to provide a global academic platform for researchers, scholars, and professionals in Physics, Chemistry, Mathematics, Biology, and Technology. Guided by the theme *"Integrating Scientific Disciplines for a Sustainable Tomorrow"*, the conference seeks to foster collaboration across disciplines, share cutting-edge research, and translate scientific knowledge into sustainable innovations. Its mission is to advance interdisciplinary dialogue, inspire innovative solutions to global challenges, and build networks that connect fundamental science with technological applications for sustainability.

❖ **Conference Objectives**
1. **Knowledge Exchange**: To provide a forum for presenting recent research findings, theoretical insights, and technological innovations across the natural sciences and related technologies.
2. **Interdisciplinary Collaboration**: To encourage integration of multiple disciplines in addressing complex sustainability challenges, bridging fundamental science with real-world applications.
3. **Innovation for Sustainability**: To highlight sustainable practices, green technologies, and science-driven strategies that support environmental protection, energy efficiency, and societal well-being.
4. **Capacity Building**: To engage early-career researchers, students, and educators in dialogue with established experts, nurturing the next generation of scientists and innovators.
5. **Global Networking**: To create opportunities for international partnerships and collaborative projects that extend beyond disciplinary and geographical boundaries.

❖ **Theme and Scope**
Theme: *"Integrating Scientific Disciplines for a Sustainable Tomorrow"*
Scope: The conference covers cutting-edge research in natural sciences and technology, emphasizing interdisciplinary approaches that link fundamental discoveries with sustainable technology solutions. Key focus areas (Conference Tracks) include:

1. **Advanced Mathematical &Computational Techniques in Scientific Research**

Artificial Intelligence, Machine Learning, and Data Analytics in Science, Mathematical Modeling and Applied Numerical Methods, Computational Chemistry and Molecular Modeling, Computational Modeling and Simulation of Physical Systems, Bioinformatics and Computational Biology, High-Performance and Quantum Computing for Scientific Applications, Neuromorphic computing, Computational Tools, Software, and Data Visualization

2. **Applied Physics for Renewable and Sustainable Technologies**

Solar cell physics and photovoltaic materials; Thermoelectric and piezoelectric energy harvesting; Plasma physics for clean energy applications; Hydrogen energy production and fuel cell technologies; Quantum materials for energy-efficient systems; Sensors and instrumentation for environmental monitoring; Photonics, Acoustic, and thermal management; Smart metering and power electronics integration; Magnetism and superconductivity in green technologies

3. **Frontiers in Chemistry and Green Technologies**

Green and Sustainable Chemistry, Renewable Energy and Electrochemical Systems, Environmental Chemistry and Pollution Control, Materials Chemistry and Nanostructures for Sustainability; Computational and Theoretical Chemistry for Sustainable Innovation, Sustainable Industrial and Process Chemistry,Chemistry for Health, Agriculture, and Food Sustainability

4. **Nano- and Biomaterials for Energy and Medicine**

Nanomaterials for Sustainable Energy Conversion and Storage, Biomaterials for Regenerative Medicine and Drug Delivery, Nano-biotechnology and Biosensing for Health and Environment, Computational Design and Characterization of Nano- and Biomaterials; Hybrid and Multifunctional Materials for Integrated Applications

5. **Emerging Device modeling and Simulations for sustainable future**

Modeling and simulations of the low power devices, high speed devices, optoelectronic devices, TFETs, MOSFETs, Heterodevices, quantum devices, Neuromorphic devices, wide band gap devices, 2D devices, spintronics, NC FET devices etc, Circuits for sustainable Ics, Systems for sustainable growth

6. **Systems Biology and Computational Life Sciences**

Bioinformatics, genomics, and proteomics for sustainability research; Computational modeling of biological and ecological systems; AI and machine learning in life science data analytics; Systems-level understanding of metabolism and regulation; Digital twins and simulation in biomedical and agricultural systems, Biotechnology for Sustainable Development; Mathematical Modeling in Environmental and Biological Systems

The scope of the conference extends from theoretical foundations to applied innovations, ensuring a holistic exchange of ideas that connect **scientific excellence with societal impact.**

❖ **Target Audience:**
- University faculty, researchers, and scholars in Physics, Chemistry, Mathematics, Biology, and Technology.
- Interdisciplinary scientists working at the intersection of natural sciences and engineering.
- Graduate and doctoral students seeking to present their work and gain global exposure.
- Industry professionals interested in sustainable technologies and innovation.
- Policymakers, educators, and organizations engaged in science, technology, and sustainability.

Sumit 15/12/25
Program Co ordinator

Meghnad Saha Institute of Technology

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Phone : 7044598807, Website : www.msit.edu.in

6. PROGRAM COORDINATOR DETAILS:

Name: **Dr. Sumit Som**

Designation: **Associate Professor** and
Head of the Department
Department of Basic Sciences and Humanities
Meghnad Saha Institute of Technology, Kolkata-150

Postal Address:4/55A VIDYASAGAR COLONY

PO: NAKTALA, PIN: 700047

Mobile no.: 9830767701; 7003212922

e-mail id: sumit.som@msit.edu.in ; hod.bsh@msit.edu.in

15/12/25

Dr. Manash Chanda
Principal
Meghnad Saha Institute of Technology

MEGHNAD SAHA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF BASIC SCIENCES AND HUMANITIES
International Conference on Sustainable Development through Interdisciplinary Science and Technology
(ICSDIST-2026)

8. PROPOSED DATEWISE DETAILED PROGRAM SCHEDULE

DAY	DATE	TIME	EVENT	RESOURCE PERSON
I	24.07.2026	9:00 - 10:00	Inaugural Session	
		10:00 -11:00	Keynote Address-1	Prof. J Rath, IIT, Madras
		11:00 -11:15	Tea Break	
		11:15 - 12:15	Keynote Address -II	Prof. S P Gon Chaudhuri, Hon. Prof. IIEST-Shibpur
		12:15 - 13:15	Keynote Address -III	Prof. Amlan Chakraborty, CU
		13:15 - 14:00	Lunch	
		14:00 - 15:00	Keynote Address -IV	Prof. Chirasree Pramanik, IIEST-Shibpur
		15:00 - 15:15	Tea Break	
		15:15 - 17:15	Parallel Sessions (Oral/Poster Presentation)	3 tracks (3 * 8 = 24 papers) J. C Bose Auditorium & Seminar Halls of ECE & CE Dept.
II	25.07.2026	09:30-10:00	Tea Break	
		10:00 -11:00	Keynote Address-V	Prof. Debasish De, MAKAUT
		11:00 -12:00	Keynote Address-VI	Prof. Angsuman Sarkar, KGEC
		12:00 - 13:00	Keynote Address-VII	To be decided
		13:00 - 14:00	Lunch	
		14:00 - 16:00	Parallel Sessions (Oral/Poster Presentation)	3 tracks (3 * 8 = 24 papers) J. C Bose Auditorium & Seminar Halls of ECE & CE Dept.
		16:00 - 16:15	Tea Break	
		16:15 - 17:15	Parallel Sessions (Oral/Poster Presentation)	4 Papers
		17:15-18:00	Valedictory Session	

Sumit ... 15/12/25
Program Coordinator