

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):

Two-Day National Workshop cum Symposium

2. Title of the proposed Programme:

Science for the Future: Solar, Space & Sustainability

3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community):

College and School Students

4. Duration (days): 2 Days ; Tentative Dates of the proposed Programme: 25th – 26th March 2026

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

Attached herewith (Annexure - A)

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

Dr. Soumya Roy

Associate Professor,

Department of Applied Electronics & Instrumentation Engineering,

Haldia Institute of Technology,

ICARE Complex, Hatiberia,

Haldia, Dist-Purba Medinipore, WB, Pin-721657

Mobile No: 8900506630 / 7001065799

e-mail id: soumyaroy.burdwan@gmail.com

7. Legal status of the Institute (School/College/ University/ Institute/ Polytechnic/ITI/ Autonomous body/ registered NGO/ Trust etc.):

Self Financed Autonomous Institute

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

Attached herewith (Annexure - B)

9. Collaborating Institutions/ Organizations, if any, with their specific contribution:

NIL

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

Expected Number of Participants: 125 (Approx)

List of Resource Persons/ Invited Speakers: Attached herewith (Annexure - C)

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.:

- R&D Project: Development of Bi-functional Metal-Organic Framework Materials and Usage as Heterogeneous Catalyst for Sustainable One-Pot Multicomponent Reactions to Boost Pot Economy.

PI: Dr. Tanmoy Maity

Sanction Amount: 3,50,000 /-

Duration: 3 year(s)

Date: 05.05.2025

Out of which 1,25,000 /- received on 05.05.2025 vide Memo No: 133(Sanc.)/STBT-11012(25)/1/12025-ST SEC

Status: Running

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:

Prof. (Dr.) Tarun Kanti Jana

Principal,

Haldia Institute of Technology,

ICARE Complex, Hatiberia,

Haldia, Dist-Purba Medinipore, WB,

Pin-721657

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

D: = 1,30,000 /- (A: ₹ 1,60,000 /- - B: ₹. 30,000 /- - 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~~ **[NA]**
- 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~~ **[NA]**



HALDIA INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION

(An Institution of ICARE, Haldia)

Approved by All India Council for Technical Education (AICTE), Govt. of India,
Affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal

NAAC Accredited Technical Institute with "A" Grade [CGPA-3.31] &

B.Tech, Programs [AEIE, BT, CE, CHE, CSE, ECE, EE, FT, IT, ME] Accredited by NBA [National Board of Accreditation]

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 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: *Soumya Roy*

Date: 15.12.2025

Name of Programme Coordinator:

Dr. Soumya Roy

Designation: Associate Professor

Address:

Dept. of Applied Electronics & Instrumentation Engg.,

Haldia Institute of Technology,

ICARE Complex, Hatiberia,

Haldia - 721657

Dr. Soumya Roy
Associate Professor
Dept. of Applied Electronics &
Instrumentation Engg.
Haldia Institute of Technology
Haldia-721657



(Office Seal)

Signature: *Tarun Kanti Jana*

Date: 15.12.2025

Name of Head of the Institution:

Prof. (Dr.) Tarun Kanti Jana

Designation: Principal

Address:

Haldia Institute of Technology,

ICARE Complex, Hatiberia,

Haldia - 721657

Principal
Haldia Institute of Technology



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Annexure - I

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 [4 Speaker and 1 Personnel for Sky Watch Program: 5 X 5,000 /- = 25,000 /-]	25,000 /-
2.	Study materials, Consumables expenses [Registration Kit: 150 X 100 /- = 15,000/-] [Memento for the Guests and Industry Representatives: 15 X 1000/- = 15,000/-]	30,000 /-
3.	Hall rent, if any	To be provided by the institute
4.	Publicity materials	5,000 /-
5.	Travel expenses	-
6.	T.A. to the external Resource Persons/ Experts	30,000/-
7.	Documentation expenses including audio-visual	5,500 /-
8.	Light refreshments [Expected Participant: 125 + Guest, Speaker and Organizing Committee Member: 25] [Lunch: 150 X 200/- = 30,000 /- per day] [High Tea: 150 X 15/- = 2,250 /- per day]	64,500 /-
9.	Auditors' fee	-
10.	Other expenses, if any (please specify)	-
Grand Total Expenditure (₹):		1,60,000 /-

Please mention:

B. Institution/ Organization Contribution* in ₹: 30,000 /-

C. Contribution from any other sources (with name & Address) in ₹ 0 /-

D. Grant expected from DSTBT (₹) = (A-B-C) 1,30,000 /-



Signature of Authorised Personnel with seal

Principal
Haldia Institute of Technology

If C=0

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

Signature of Authorised Personnel with seal

Principal
Haldia Institute of Technology

*At least 10% 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	Haldia Institute of Technology
Bank Account number & name of the Account holder/ Organization	95582200000010 HALDIA INSTITUTE OF TECHNOLOGY
Type of Account (Savings or Current A/c)	SAVING
Name of the Bank	CANARA BANK
Name of the Branch with Branch address	DEBHOG, CITY CENTRE, HALDIA
IFSC code of the Branch	CNRB0002938
Mobile Number of the Programme Coordinator/ Head of the Organization	Dr. Soumya Roy: 7001065799 / 8900506630 Prof. (Dr.) Tarun Kanti Jana: 9836323909
PAN/TAN of the Account holder/ Organization	PAN: AAAT12710D TAN: CALI02210F



[Signature]
15.12.2025
Signature of Authorised Personnel with seal

Principal
Haldia Institute of Technology

Title of the Programme:

Two-Day National Workshop cum Symposium on “Science for the Future: Solar, Space & Sustainability”

Aims of the Programme

The programme aims to popularise science and create awareness among school and college students by introducing them to the rapidly advancing domains of solar energy, space science, and sustainability technologies. It seeks to inspire young minds, nurture scientific curiosity, and provide exposure to real-world applications of space and renewable energy research through expert interaction, hands-on demonstrations, and sky observation activities.

Objectives of the Programme

- To promote scientific temper among students by exposing them to frontier areas of Solar Energy, Space Science and Sustainable Technologies.
- To provide a platform for direct interaction with eminent scientists, researchers and academicians from national institutions such as ISRO, IIST, ICSP and leading universities.
- To create awareness on the role of renewable energy in addressing environmental and climate challenges through technological innovation.
- To introduce students to space applications, satellite technology, astrophysics and observational astronomy.
- To motivate students toward STEM careers, especially in Astronomy, Space Science, Instrumentation, and Renewable Energy Engineering.
- To offer hands-on exposure through a practical session demonstrating the role of Instrumentation Engineers in solar and space technologies.
- To develop observational skills among students through a supervised Night Sky Watch using an 8-inch Dobsonian telescope.
- To cultivate an understanding of the importance of sustainability, environmental responsibility, and technological advancement for future generations.
- To encourage creative and innovative thinking related to national development, space missions, clean energy and emerging technologies.

Programme Highlights

- **Technical Sessions:**
 - Talks by eminent scientists including former ISRO Director, Vice Chancellor of IIST, and leading researchers from ICSP and Burdwan University.

- Insightful lectures covering space applications, solar physics, astrophysics, sustainability and emerging scientific challenges.
- **Hands-On Practical Training:**
 - A dedicated session on “Role of Instrumentation Engineer in Solar and Space Technology”, enabling students to understand practical aspects, measurement systems, and real-time instrumentation.
- **Night Sky Observation:**
 - A professionally guided Night Sky Watch using an 8-inch Dobsonian Telescope, allowing students to observe celestial bodies and learn the basics of amateur astronomy.

Expected Outcomes

- Students develop a better understanding of solar energy systems, space technology and sustainable practices.
- Improved scientific curiosity, analytical ability, and observational skills.
- Enhanced motivation for pursuing careers in Science, Engineering and Research.
- Awareness of India’s achievements in space missions, satellite technology and renewable energy innovations.
- Better grasp of the importance of environmental sustainability, climate action and green technologies.

Two-Day National Workshop cum Symposium
“Science for the Future: Solar, Space & Sustainability”
25 – 26 March 2026

Day 1: 25th March 2026	
Time	Program Details
09:30 AM – 10:00 AM	Registration
10:00 AM – 11:00 AM	Inaugural Ceremony Chief Guest: <i>To be decided later</i> Guest of Honour: <i>Shri Tapan Misra</i> , Founder Sisir Radar, Former Director, Space Applications Centre (ISRO) and Physical Research Laboratory (PRL) <i>Prof. Dipankar Banerjee</i> , Vice Chancellor, IIST, Thiruvananthapuram
11:00 AM – 11:30 AM	Tea Break
11:30 AM – 01:30 PM	Technical Session I <i>Shri Tapan Misra</i> Founder Sisir Radar, Former Director, Space Applications Centre (ISRO) and Physical Research Laboratory (PRL)
01:30 PM – 02:30 PM	Lunch Break
02:30 PM – 04:30 PM	Technical Session II <i>Dr. Tamal Basak</i> Indian Centre for Space Physics, Kolkata
04:30 PM – 05:00 PM	Tea Break
05:00 PM – 07:00 PM	Night Sky Observation Session (Weather permitting) using 8 inch Dobsonian telescope
Day 2: 26th March 2026	
Time	Program Details
10:00 AM – 11:30 AM	Technical Session III <i>Prof. Dipankar Banerjee</i> Vice Chancellor, Indian Institute of Space Science and Technology, Thiruvananthapuram
11:30 AM – 12:00 PM	Tea Break
12:00 PM – 01:30 PM	Technical Session IV <i>Dr. Koushik Ghosh</i> University of Burdwan, Burdwan
01:30 PM – 02:30 PM	Lunch Break
02:30 PM – 04:30 PM	Hands-on Practical Session on “Role of Instrumentation in Solar and Space Technology” <i>Prof. (Dr.) Uday Maji and Dr. Soumya Roy</i> , Haldia Institute of Technology, Haldia
04:30 PM – 05:00 PM	Tea Break
05:00 PM – 6:00 PM	Valedictory Session & Certificate Distribution

Annexure - C

Name of the Speaker	Affiliation
Shri Tapan Misra	Founder Sisir Radar, Former Director, Space Applications Centre (ISRO) and Physical Research Laboratory (PRL)
Prof. Dipankar Banerjee	Vice Chancellor, Indian Institute of Space Science and Technology, Thiruvananthapuram
Dr. Tamal Basak	Indian Centre for Space Physics, Kolkata
Dr. Koushik Ghosh	University of Burdwan, Burdwan
Prof. (Dr.) Uday Maji	Haldia Institute of Technology, Haldia
Dr. Soumya Roy	Haldia Institute of Technology, Haldia