

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 Seminar, Symposium, Conference Programmes

(Please upload the filled-in "Application Format" along with the necessary documents at the Vigyansathi portal)

1. Programme Type (ref SN 10 of the Guidelines): **National Seminar**
2. Title of the proposed Programme: **National Seminar on Sustainable Food Systems: Challenges and Solutions for the Future**
3. Target Group (Faculty, Teacher, Research Scholar, College/ University Student, Community): **Faculty, Teacher, Research Scholar, College/ University Student**
4. Duration (days): 2 Days; Tentative Dates of the proposed Programme: 13/03/2026-14/03/2026
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):
Enclosed as a separate sheet: **Attached annexure 1**
6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach a separate sheet, if necessary): **Dr. Ranjay Thakur, Assistant Professor Grade 3, Department of Food Technology, Haldia Institute of Technology, Haldia, ICARE COMPLEX, HIT CAMPUS, P.O. Hatiberia, Haldia, Dist- Purba Medinipur-721657 (West Bengal). ktranjaybt2007@gmail.com, +91-9800124504**
7. Legal status of the Institute (College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.): **Department of Food Technology, Haldia Institute of Technology (Autonomous), and Department of Botany, Kabi Nazrul College, Murarai (Govt. Aided)**
8. Date-wise detail Programme Schedule (attach a separate sheet, if necessary): Enclosed as a separate sheet: **Enclosed**
9. Collaborating Institutions/Organisations: **Department of Botany, Kabi Nazrul College, Murarai (Govt. Aided); this institute will jointly organise the national seminar.**
10. Expected number of participants and list of Resource Persons/ Invited Speakers: Participants - 200 (offline) + 100 (online) and Resource persons= 07 (**Seven**)
11. Give details of the grant received from DSTBT in the last three Financial Years, if any, along with the date of submission of UC, Audited SoE, Report, etc: **NA**
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 The Principal, Haldia Institute of Technology, An autonomous Institution (A Unit of ICARE), ICARE COMPLEX, HIT CAMPUS, P.O. Hatiberia, Haldia, Dist- Purba Medinipur-721657 (West Bengal).
13. Total Programme Expenditure (**A**)/ Organisation's contribution (**B**)/ Grant expected from DSTBT (**C**): **C: ₹ 2,29,000 = (A: ₹2, 59,000 – B: ₹ 30, 000)**
(provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II):

Proposed Total Budget with break-ups

Sl. No.	Items required with justification and rate	Total Expenditure (A) ₹	Institution/ Organization Contribution(*) (B) ₹	Grant expected from DSTBT (C=A-B) ₹
1.	Honorarium to Resource Persons/ Experts- for 7 experts @ ₹ 3000 each	21,000	000	21,000
2.	Printing, handouts, stationery	20,000	000	20,000
3.	Hall rent, - 2 days	-	-	-
4.	Publicity materials (Banners, posters, online promotion)	10,000	000	10,000
5.	Travel expenses-Local conveyance, logistics	15,000	10,000	5,000
6.	T.A. to the external Resource Persons/ Experts- Travel reimbursement	28,000	5,000	23,000
7.	Documentation expenses including audio-visual- Video recording, report printing	10,000	10,000	000
8.	Light refreshments	30,000	0	30,000
9.	Auditors' fee- For certification of accounts	5,000	5,000	000
10.	Other expenses, if any (please specify)- Lunch (for 2 days); Hotel accommodation for resource persons	1,20,000	0	1,20,000
Grand Total Expenditure (₹):		2,59,000	30, 000	2, 29, 000

(*) At least 10% of the total budget contribution from the Institute/ Organisation is desirable

Bank details of the Applicant Organisation

Name of the Organisation	Haldia Institute of Technology, Haldia
Bank Account number & name of the Account holder/ Organisation	95582200000010/ Haldia Institute of Technology
Type of Account (Savings or Current A/c)	Savings
Name of the Bank	Canara Bank
Name of the Branch with Branch address	Debbhog Haldia, Puda Medinipur, West Bengal
IFSC of the Branch	CNRB0002938

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 the Institute/Organisation's letterhead: YES/NO
- For registered NGO/ Trust, fill in the 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 Organisation, 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 utilised 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 & Conditions 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, Feedback from the Participants, still and video photographs, etc.

Signature: Ranjay Kumar Thakur

Date: 11-12-2025

Name of Programme Coordinator:

Dr. Ranjay Kr. Thakur

Designation: ASSISTANT PROFESSOR

Address: Dept. of Food Technology
HIT, Haldia

Signature: T.K. Jana

Date: 11.12.2025,

Name of Head of the Institution:

Dr. (Prof.) T.K. Jana

Designation:

Address: Principal
Haldia Institute of Technology

(Office Seal)



Proposed Total Budget with break-ups

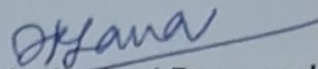
Sl. No.	Items required with justification and rate	Total Expenditure (A) ₹	Institution/ Organization Contribution(*) (B) ₹	Grant expected from DSTBT (C=A-B) ₹
1.	Honorarium to Resource Persons/ Experts- for 7 experts @ ₹ 10000 each	21000	000	21,000
2.	Study materials, Consumables expenses-Printing, handouts, stationary	20,000	000	20,000
3.	Hall rent, - 2 days	-	-	-
4.	Publicity materials (Banners, posters, online promotion)	10,000	000	10,000
5.	Travel expenses-Local conveyance, logistics	15,000	10,000	5,000
6.	T.A. to the external Resource Persons/ Experts- Travel reimbursement	28, 000	5, 000	23, 000
7.	Documentation expenses including audio-visual- Video recording, report printing	10,000	10, 000	000
8.	Light refreshments	30,000	000	30,000
9.	Auditors' fee- For certification of accounts	5,000	5,000	000
10.	Other expenses, if any (please specify)- Unforeseen misc.	1,20,000	000	1,20,000
Grand Total Expenditure (₹):		2,59,000	30, 000	2,29,000

(*) Atleast 10% of the total budget contribution from the Institute/ Organisation is desirable

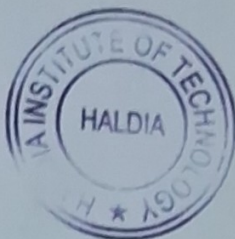
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Type of Account (Savings or Current A/c)	Savings
Name of the Bank	Canara Bank
Name of the Branch with Branch address	Debbhog Haldia, Puda Medinipur, West Bengal
IFSC of the Branch	CNRB0002938

Mobile Number of the Programme Coordinator/ Head of the Organisation	Haldia Institute of Technology, Haldia
PAN / TAN of the Account holder/ Organisation	95582200000010/ Haldia Institute of Technology


Signature of Authorised Personnel with seal

Principal
Haldia Institute of Technology



Aims, Objectives, and Details of Programme

Sustainable Food Systems: Challenges and Solutions for the Future

The aim of the seminar on “Sustainable Food Systems: Challenges and Solutions for the Future” is to highlight the urgent need for transforming the way of food is produced, processed, distributed, and consumed in order to meet future global demands. Food systems today are under pressure due to climate change, population growth, and overuse of natural resources, biodiversity loss, and large amounts of food waste. These challenges threaten not only environmental sustainability but also food security, nutrition, and livelihoods.

The seminar aims to provide an understanding of innovative and sustainable approaches, such as the exploration of underutilized foods, circular economy practices, and advanced food technologies that can help reduce the environmental footprint of food production. It also focuses on the role and challenges of government policies, international regulations, and collaborative frameworks to ensuring safe, nutritious, and affordable food for all sections of society.

Another key aim is to encourage awareness about the importance of sustainable diets, consumer choices, and reduced food losses. By discussing these challenges and possible solutions, the seminar seeks to identify future strategies that balance environmental protection, economic efficiency, and social equity. Ultimately, the aim is to promote resilient and sustainable food systems that can support both present and future generations.

Objective:

1. To explore sustainable solutions that enhance efficiency and reduce environmental impact.
2. To examine policy and regulatory challenges in ensuring safe, nutritious, and affordable food.

3. To promote awareness of sustainable diets, consumer choices, and food loss reduction.
4. To propose strategies that integrate environmental conservation, economic growth, and social well-being.

Details of Programme

The two-day seminar on “*Sustainable Food Systems: Challenges and Solutions for the Future*” will include inaugural and keynote sessions followed by a series of technical discussions. The programme is designed to cover innovative and sustainable approaches in food technology, the exploration of underutilized foods, and circular economy practices. Sessions will also focus on policies and regulations for food safety and sustainability, consumer awareness of sustainable diets, and strategies for reducing food loss and waste. Advanced topics such as precision blockchain applications, smart packaging, and food waste valorization will be discussed in detail. The seminar will conclude with panel discussions, outcome presentations, and a valedictory session to summarize key insights and recommendations.

Details of Programmes

Seminar Title: Sustainable Food Systems: Challenges and Solutions for the Future

Duration: Two Days

Date: 13/03/2026

Venue: SN BOSE Auditorium

Organized by: Department of Food Technology, Haldia Institute of Technology, Haldia, West Bengal, India

Time	Session
DAY 1 (13/03/2026)	
09:30 – 10:00	Registration of Participants
10:00 – 10:30	Inaugural Session (Welcome Address, Theme Introduction, Inaugural Speech)
10:30 – 11:15	Keynote Address: <i>Sustainable Food Systems: Global Challenges</i>
11:15 – 11:30	Tea Break
11:30 – 01:00	Technical Session I: <ul style="list-style-type: none">• Innovative and Sustainable Approaches in Food Technology• Role of Underutilized Foods and Circular Economy Practices
01:00 – 02:00	Lunch Break
02:00 – 03:30	Technical Session II: <ul style="list-style-type: none">• Policies and Regulations for Sustainable Food System• Governance, Safety, and Nutrition Challenges
03:30 – 05:00	Poster and Oral Presentations
05:00 – 05:15	Closing Remarks (Day 1)
Day 2 (14/03/2026)	
09:30 – 10:00	Recap of Day 1 & Introduction to Day 2
10:00 – 11:30	Technical Session III: <ul style="list-style-type: none">• Advances in Food Waste Management and Valorization

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- Consumer Awareness and Sustainable Diet Practices
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11:30 – 11:45 Tea Break

11:45 – 01:15 Technical Session IV:

- Role of Technology: block chain technology in enhancing food supply distribution and reducing waste.
- Role of Smart packaging in enhancing food supply distribution and reducing waste.
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01:15 – 02:15 Lunch Break

02:15 – 03:15 Case Studies on Sustainable Food Systems

03:15 – 04:45 Panel Discussion: *Future Strategies for Sustainable Food System*

Presentation of Seminar Outcomes & Recommendations

04:45 – 05:15 Valedictory Session (Summary, Certificates & Vote of Thanks)

‘Sustainable Food Systems: Challenges and Solutions for the Future’

Sl. No	Key-Note Speakers / Resource Persons	Affiliation
1	Prof. Dilip K Maity, VC	Vice Chancellor, Visva Bangla University Email: vc@buruniv.ac.in
2.	Prof. Manab Bandhu Bera	Adjunct Professor, Guru Jambheshwar University Email: drmbbera@yahoo.com 8699841328
3.	Prof. Prasanta Kumar Biswas	Professor, Department of Food Technology and Biochemical Engineering Jadavpur University,
4.	Prof. Dipankar Haldar	Professor Department of Food Technology and Biochemical Engineering Jadavpur University, Email: dipankar.haldar@jadavpur university.in
5.	Dr. A. K. Singh	Principal Scientist, Dairy Technology Division, ICAR NDRI, Karnal
6.	Mr. Shyam B Laddha	CEO Vasudhara Dairy (AMUL)
7.	Mr. Omkar Kumar	COO Food fair Nutrition Products LLP



DEPARTMENT OF SCIENCE & TECHNOLOGY AND BIOTECHNOLOGY (DSTBT)
"GOVT. OF WEST BENGAL FUNDED"
NATIONAL SEMINAR (HYBRID MODE)
ON



Sustainable Food Systems: Challenges and Solutions for the Future

Jointly Organized By:

Department of Food Technology, Haldia Institute of Technology & Kabi Nazrul College, Murarai

CHIEF PATRON



Dr. Lakshman Chandra Seth,
Chairman,
ICARE, Haldia, W.B.

CHIEF GUEST



Prof. Dr. Dilip Kumar Maiti, FRSC
Vice-Chancellor,
Biswa Bangla Biswabidyalay

CHAIR-PERSONS



Dr. Mukesh Singh
Principal
Kabi Nazrul College, Murarai



Prof. Gourab Chatterjee
HoD, FT
Haldia Institute of Technology



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EMINENT SPEAKERS



Dr. Manab Bandhu Bera
Professor & Former Dean
SLIET, Longowal



Dr. Prasanta Kumar Biswas
Professor
Dept. of FTBE, Jadavpur University



Dr. A. K. Singh
Principal Scientist,
Dairy Technology Division, ICAR
NDRI, Karnal



Mr. Shyam B Laddha
CEO
Vasudhara Dairy (AMUL)



Mr. Omkar Kumar
COO
Foodfair Nutrition Products LLP



Dr. Dipankar Halder
Professor
Dept. of FTBE, Jadavpur University

EVENT COORINATOR



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TREASURER

EVENT DETAILS

DATE: 13th & 14th March, 2026
VENUE : S.N. BOSE CONVENTION CENTRE
TIME: 10:00 AM – 5:00 PM