

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 necessary documents at Vigyansathiportal)

1. Programme Type (ref SN 10 of the Guidelines): **Seminar organised by College**
2. Title of the proposed Programme: **4R Policy For Plastic Waste- Reduce, Recycle, Reuse & Refuse**
3. Target Group (Faculty, Teacher, Research Scholar, College/ University Student, Community): **Faculty, Teacher, Research Scholar, Student & Community**
4. Duration (days): **2 days**
Tentative Dates of the proposed Programme: **06.12.2022 to 07.12.2022**
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):
Enclosed 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):

Dr. Soumyamoy Maitra, Mobile number : 9903341108, Postal Address: P-540, Kinnori Appartment, Basunagar, Gate No-2, Madhyamgram, Kolkata-700129
E-mail id : ksmssoumyamoymaitra@keical.edu.in
7. Legal status of the Institute (College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.):
Kingston Educational Institute
8. Date wise detail Programme Schedule (attach separate sheet, if necessary):
Enclosed annexure IV
9. Collaborating Institutions/ Organizations, if any, with their specific contribution: **NA**
10. Expected number of participants and list of Resource Persons/ Invited Speakers: **50**
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.: **NIL**
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:

Mrs. Uma Bhattacharjee
Berunanpukuria, P.O-Malikapur, P.S-Duttapukur, Barasat, Kolkata-700126, West
Bengal

13. Total Programme Expenditure (A)/ Organisation's contribution (B)/ Grant expected from DSTBT (C): **C: Rs. 98,000 = (A: Rs.1,48,000 – B: Rs. 50,000)**
(provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II):
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Check List (put tick) of attachments to be submitted with the application

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- 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**

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: *Dr. Soumyamoy Maity*

Date: 11.08.2022

Name of Programme Coordinator:

Dr. Soumyamoy Maity

Institution: Designation: *Associate professor,*
HOD, KSMS.

Address: *Berunanpukuria, P.O: Malikapur*
P.S.-Duttapukur, Barasat, North 24 Parganas, W.B.
Pin - 700126

(Office Seal)



Signature: *Prakash Narayan Mahanty*

Date: 11.08.2022

Name of Head of the

DR. PRAKASH NARAYAN
MAHANTY

Designation:

PRINCIPAL

Address: *Berunanpukuria, P.O: Malikapur*
P.S. - Duttapukur, Barasat, North 24 Parganas,
W.B. Pin - 700126.

Annexure I

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	24,000	-	24,000
2.	Study materials, Consumables expenses	10,000	-	10,000
3.	Hall rent, if any	30,000	30,000	-
4.	Publicity materials	10,000	-	10,000
5.	Travel expenses	24,000	-	24,000
6.	T.A. to the external Resource Persons/ Experts	10,000	-	10,000
7.	Documentation expenses including audio-visual	10,000	-	10,000
8.	Light refreshments	20,000	20,000	-
9.	Auditors' fee	10,000	-	10,000
10.	Other expenses, if any (please specify)	-	-	-
Grand Total Expenditure (₹):		1,48,000	50,000	98,000

Annexure II

Bank details of the Applicant Organisation:

Name of the Organisation	Kingston Educational Institute
Bank Account number & name of the Account holder/ Organisation	161401000341
Type of Account (Savings or Current A/c)	Current A/C
Name of the Bank	ICICI Bank, Madhyamgram Branch
Name of the Branch with Branch address	Madhyamgram Branch
IFSC of the Branch	ICIC0001614
Mobile Number of the Programme Coordinator/ Head of the Organisation	9903341108
PAN / TAN of the Account holder/ Organisation	AABTK1529M

Signature of Authorized Personnel with seal


Secretary
Kingston Educational Institute

Annexure III

Aims of the proposed programme:

Plastic recycle: The goal of recycling plastic is to reduce high rates of plastic pollution while putting less pressure on virgin materials to produce brand new plastic products

Plastic reduce: The aim of reducing plastic materials (Specially single-use Plastic materials) to an almost zero level so that they should not be dumped under the ground with other wastes.

Plastic reuse: The approach helps to conserve resources & diverts plastics from landfills or unintended destinations such as oceans.

Plastic refuse: refusal of plastic materials & using environment friendly materials help to reduce the risk for human beings & other creatures to survive on earth.

Objective of proposed Seminar:

Plastic refuse, reuse, reduce & recycling is currently the greatest challenge of implementing the circular economy model that allows the use of waste as a starting materials. It is necessary to refuse, reduce & recycling the plastic waste which is currently the greatest challenge of implementing the circular economy model that allows the use of waste as resources such as new, more sustainable raw materials. In this seminar, we address the current challenges and opportunities relating to the management and recycling of plastic waste, as well as, raising awareness of all the initiatives that have been put in motion on an international level in order to advance the masked objectives at a national level.

The seminar will address the following aspects:

- Circular economy and plastic recycling
- Collection , sorting & separation
- Mechanical & Chemical technologies regarding reuse and recycling technologies.
- Challenges of plastic refuse & reuse.
- Major issues of recycling.
- Product recyclability
- Alternatives available for plastic products.
- Legislation , regulations, certification & characterisation.

Details of the programme:

Session 1 : Circular economy and plastics regarding global vision of the circular economy, strategy and its relation to the recycling of plastics. We will be joined by representatives from the administration & business associations representing the sector.

Session 2 : Collection , sorting and separation technologies & processes that allow the sorting and separation of plastics in rough advanced technologies(infrared , hyper spectral , chemical masking etc).

Session 3 : mechanical recycling solutions in the mechanical recycling of plastics either through technologies , additives or material production.

Session 4 : challenges of plastic refuse and reuse need to reduce the usage of plastic then only people can think to reuse it ; so in this seminar it is important to understand what are the methods to minimize the usability of plastic.

Session 5 : major issues of recycling- solutions to the major challenges of recycling, multilayer packaging, reinforced thermosets, elastomers, end-of-life types, polyurethanes etc.

Session 6 : product recyclability & chemical recycling- solutions in the chemical recycling of plastics with technologies such as thermal cracking, biological cracking , physical/ chemical recycling(dissolutions,precipitations & extractions).

Session 7 : alternatives available for plastic products- discuss the advantage &disadvantage of different alternative plastic materials like starch based polymers, PLA Polyesters , PHA Polyesters , liquid wood , plastic additives, glass etc.

Session 8 : legislations, regulations, certification and characterisation- new development in the characterisation – new developments in the characterisation of recycled plastic materials , applicable legislation and regulations, product recyclability , certification system and eco-labels.

Annexure IV

Date-wise Detailed Programme Schedule

Date	Time	Programme schedule	Speaker
Day 1 (06.12.2022)	10.30am-11.00am	Registration & Tea	-
	11.00am – 12.00pm	Session 1 (Circular economy & plastic recycling)	Dr Ujjwal Kr Neogi (Distinguished professor, Shoolini University)
	12.00 pm-1.00 pm	Session 2 (collection , sorting & separation)	Dr. Goutam Basu (Scientist , JBNS)
	1.00 pm – 2.00 pm	Lunch break	-
	2.00pm-3.00pm	Session 3 (Mechanical & chemical Technologies regarding reuse and recycling technologies)	Dr Sanjib Bhattacharya (Associate Professor, Shoolini University)
	3.00pm-4.00 pm	Session 4 (Challenges of plastic reuse & reuse)	Dr Maitrayee Bhattacharya (Director, JBNS)

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Date	Time	Programme schedule	Speaker
Day 2 (07.12.2022)	10.30am- 11.00am	Tea & Refreshment	-
	11.00am – 12.00pm	Session 5 (Major issues of recycling)	Dr Sandip Pal (Principal, Rammohan College, C.U)
	12.00 pm- 1.00 pm	Session 6 (product recyclability)	Dr. Paramita Ray (Scientist, JBNS)
	1.00 pm – 2.00 pm	Lunch break	-
	2.00pm- 3.00pm	Session 7 (alternatives available for the plastic products)	Dr Arindam Rana (Professor, City college)
	3.00pm- 4.00 pm	Session 8 (legislation , regulations , certification & characterisation)	Dr Soumyamoy Maitra (HOD, KSMS)

Annexure V

About Speakers:

1. Dr. Ujjwal Kr Neogi completed his M.sc, M.Tech, Ph.D & D.Sc from reputed universities with flying colours. He worked with great reputation in numerous Organization like Birla group as president, IIM Ranchi, EMPI Business School, Accurate engineering & Management college as Director etc. He is one of the stalwart in the field of management education; currently he is working in Shoolini University as a Distinguished professor.
2. Dr. Sanjib Bhattacharyya completed his MSc. In chemistry from IIT , Kharagpur, PhD from Missouri Columbia, USA; Post Doc. From Mayo Clinic Rochester, Minnesota. He worked as a Research associate in WPI AIMR Tohoku University, Japan & Working as a Professor southwest University, China
3. Dr. Paramita Ray has completed her PhD from Delhi University ; she started her career as a market research associate at Tara Sinha Associates & Currently serving as deputy director at JBNSTS for 29+years.
4. Dr. Soumyamoy Maitra has completed his B.Tech in computer Science , MBA in Marketing & PhD in Management. Prof Maitra has working in different organizations like IBM India Pvt. Ltd., Lee & Nee Software, D. B. Pawar college of Management & Netaji Subhas University in the field of Marketing, teaching & consulting. He is currently working in Kingston Educational Institute as a HOD in Management Department.
5. Dr. Goutam Basu , Scientist , JBNSTS(Jagadis Bose National Science Talent Search)
6. Dr. Sandip Pal , Principal, Rammohan College, Calcutta University
7. Dr Arindam Rana , Professor, City college, Calcutta University
8. Dr Maitrayee Bhattacharya , Director, JBNSTS (Jagadis Bose National Science Talent Search)