

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

1. Programme Type (ref SN 10 of the Guidelines): **Conference organised by College**

2. Title of the proposed Programme:

**INTERNATIONAL CONFERENCE ON
DECISION MAKING USING ARTIFICIAL INTELLIGENCE TECHNIQUES**

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

Faculty, Teacher, Research Scholar, College/ University Student

4. Duration (days): **02**

Tentative Dates of the proposed Programme: **11th May 2023 – 12th May 2023**

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

Aim of the Conference:

- To provide a platform for young students, teachers and up-and-coming researchers to share their views and discuss their doubts with the best scientists from India and abroad.
- To provide a platform for the researchers to present their research works in the form of oral and poster presentations and publication in the form of Book chapters/Journal articles.

The objective of the Conference:

- To gather knowledge on the development and advancements of Artificial Intelligence, Mathematical Modelling, Decision Making, Machine Learning, Optimization, and Soft Computing Techniques including Meta heuristic algorithms, Fuzzy Mathematics, Artificial Neural Networks and others.
- To increase the appetite for quality research among our students

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 Rupak Bhattacharyya

Director & Coordinator, R&D Cell and Assistant Professor, Mathematics

Bijoy Krishna Girls' College, Howrah

5/3 MG Road, Howrah 711101, West Bengal, India

Mobile no.: 9239403082, E-mail: rupak@bkgc.in

7. Legal status of the Institute (College/ University/ Institute/ Polytechnic/ ITI/ Autonomousbody/ registered NGO/ Trust etc.): **College (Govt. Aided)**

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

Programme Schedule	
DAY 1: 11.05.2023 (Thursday)	
Time	Programme
10 am – 10.30 am	Registration
10.30 – 11.30 am	Inaugural Session (Welcome Address and Key-note Address)
11.30 am – 11.45 am	Tea break
11.45 am – 12.45 pm	Invited Talk -1
12.45 pm – 1.30 pm	Networking Lunch
1.30 pm – 2.30 pm	Invited Talk - 2
2.30 pm – 3.00 pm	Poster Presentation
3.00 pm – 5.00 pm	Contributory paper presentation in different Tracks
DAY 2: 12.05.2023 (Thursday)	
Time	Programme
10 am – 10.30 am	Launch and Distribution of Conference Proceedings/ Journal
10.30 am – 11.30 am	Invited Talk – 3
11.30 am – 11.45 am	Tea Break
11.45 am – 12.45 pm	Invited Talk – 4
12.45 pm – 1.30 pm	Networking Lunch
1.30 pm – 2.00 pm	Poster Presentation
2.00 pm – 4.00 pm	Contributory paper presentation in different Tracks
4.00 pm – 4.15 pm	Online Feedback Collection
4.15 pm – 5.00 pm	Valedictory Session

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

Operational Research Society of India (ORSI), Kolkata Chapter
Contribution: Intellectual and Academic

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

Expected number of participants: 100

Key-note Speaker:

- (i) **Dr Siddhartha Das, Professor, Department of Metallurgical and Materials Engineering, Indian Institute of Technology, Kharagpur**

Invited Speakers:

- (i) **Dr Arindam Biswas, Professor, Indian Institute of Engineering, Science and Technology (IEST), Shibpur, Howrah**
- (ii) **Dr Samarjit Kar, Professor, Department of Mathematics, National Institute of Technology, Durgapur**
- (iii) **Dr Kuntal Ghosh, Associate Professor, Machine Intelligence Unit, Indian Statistical Institute, Kolkata**
- (iv) **Dr Bappaditya Dey, Senior Research and Development Engineer, Interuniversity Microelectronics Centre (IMEC), Leuven, Belgium**

Session Chairs: Internal

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:

Dr Ruma Bhattacharyya
Principal, Bijoy Krishna Girls' College, Howrah
5/3 MG Road, Howrah 711101, West Bengal

13. Total Programme Expenditure (A)/ Organisation's contribution (B)/ Grant expected from DSTBT (C): **C: ₹ 1,00,000 = (A: ₹ 1,58,000 - B: ₹ 58,0000)**

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., JI.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: Rupak Bhattacharyya

Date: 29/11/2022

DR. RUPAK BHATTACHARYYA

Name of Programme Coordinator:

Designation: ASSISTANT PROFESSOR

Address: 5/3 MG Road, Howrah

Signature: Ruma Bhattacharyya

Date: 29/11/2022

DR. RUMA BHATTACHARYYA

Name of Head of the Institution:

Designation: PRINCIPAL

Address: 5/3 MG Road, Howrah - 71101

Dr. Rupak Bhattacharyya

Assistant Professor

Department of Mathematics

Bijoy Krishna Girls College Howrah

Howrah- 711001

(Office Seal)

RECOMMENDATION

(only for registered NGO/ Trust)

Principal / Secretary

Bijay Krishna Girls' College

5/3, M. G. Road, Howrah-1

Certified that the said Organisation 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: NOT APPLICABLE

Date:

Name of Recommending Authority:

Designation:

Address:

(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	20,000	0	20,000
2.	Study materials, Consumables expenses	15,000	3,000	12,000
3.	Hall rent, if any	NIL	NIL	NIL
4.	Publicity materials	4,000	1,000	3,000
5.	Travel expenses	4,000	2,000	2,000
6.	T.A. to the external Resource Persons/ Experts	10,000	0	10,000
7.	Documentation expenses including audio-visual	15,000	2,000	13,000
8.	Light refreshments	50,000	30,000	20,000
9.	Auditors' fee	5,000	5,000	0
10.	Other expenses, if any (Conference Proceeding/ Book/Journal Publication)	35,000	15,000	20,000
Grand Total Expenditure (₹):		1,58,000	58,000	1,00,000

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

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B⁺⁺) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Ref. No

Date: 29/11/2022

Annexure-II

Bank details of the Applicant Organisation

Name of the Organisation	BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH
Bank Account number & name of the Account holder/ Organisation	8660201000001 & Bijoy Krishna Girls College Hwh Gen Fund
Type of Account (Savings or Current A/c)	CURRENT
Name of the Bank	CANARA BANK
Name of the Branch with Branch address	HOWRAH MG ROAD HOWRAH – 711101
IFSC of the Branch	CNRB0008660
Mobile Number of the Head of the Organisation	9830035815
PAN / TAN of the Account holder/ Organisation	AAAJB1206H/ CALB01896G


Signature of Authorised Personnel

with seal

Principal / Secretary
Bijay Krishna Girls' College
5/3, M. G. Road, Howrah-1



HOWRAH M G ROAD
HOWRAH, WEST BENGAL - 711101
IFSC : CNRB0008660

Valid for three months only from the date of instrument

MULTI-CITY CA

D	D	M	M	Y	Y	Y	Y		

Pay

AKT

या धारक को or Bearer

Rupees रुपये

अदा करें

₹

A/c. No.

8660201000001

For BIJAY KRISHNA GIRLS COLLEGE HWH GEN FUND

Bijoy Krishna Girls' College, Howrah

12102072



709446

Payable at par at all our branches in India

Principal

Member of G.B.

Please sign above

709446 700015058 000626 29

Dr. Rupak Bhattacharyya

Mobile: +919239403082

E-mail: rupak@bkgc.in

Address: Sarat Abasan (FL-2B), 117Netaji Subhas Road, Uttara para, Hooghly 712258, India

Personal Website: <https://sites.google.com/site/rupakmath>



CURRENT STATUS

Director & Coordinator, R&D Cell | Assistant Professor, Mathematics
Bijoy Krishna Girls' College, Howrah, West Bengal, India

RESEARCH INTERESTS

Soft Computing and Machine Intelligence

Big Data Analytics

EDUCATION

❖ Ph.D. in Mathematics

University/Institute	National Institute of Technology, Durgapur
Year	2011
Dissertation title	Portfolio Optimization in Uncertain Environments
Supervisors	Prof. Dwijesh Dutta Majumder (Indian Statistical Institute, Kolkata) Prof. Samarjit Kar (National Institute of Technology, Durgapur)

❖ Post PG Course in Machine Intelligence and Soft Computing

University/Institute	Center for Soft Computing Research, Indian Statistical Institute, Kolkata, India
Year	2009
Grade/Percentage	B ⁺ (70% - 79%)

❖ M.Sc. in Pure Mathematics

University/Institute	University of Kalyani, Kalyani, West Bengal, India
Year	2004
Percentage	70%

❖ B.Sc. in Mathematics

University/Institute	University of Kalyani, Kalyani, West Bengal, India
Year	2002
Percentage	71% (1 st Class 1 st)

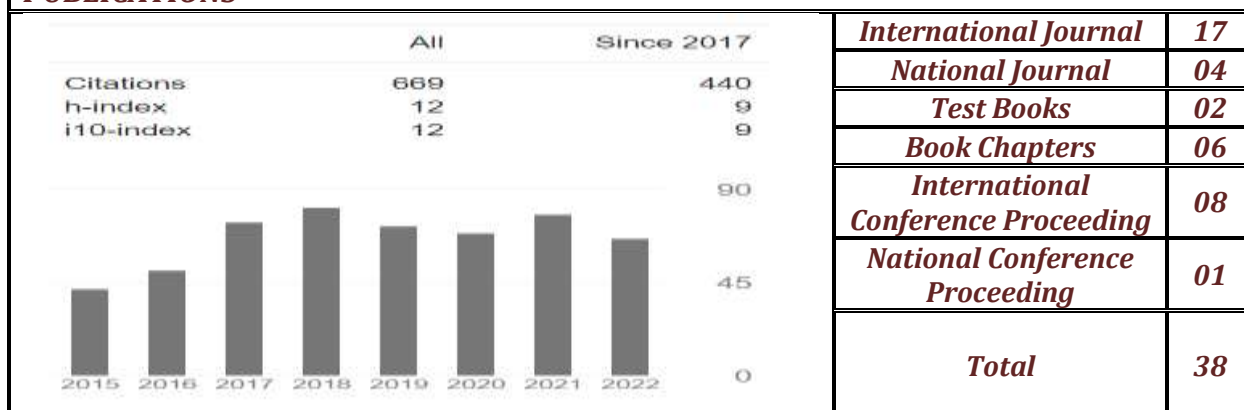
RESEARCH [Ph.D.] GUIDANCE

Scholar	Dissertation	Status
GS Mitra Thakur	Intelligent Systems on Manifold Decision Making	Awarded @ NIT, Durgapur on 2017
SA Hossain	Fuzzy Decision Making: An Application to Investment Analysis	

EXPERIENCE

TEACHING	RESEARCH
17 + years (05/03/2005 – till date)	4 years

PUBLICATIONS



BEST FIVE PUBLICATION

R Bhattacharyya, S Mukherjee, Fuzzy Membership Function Evaluation by Non-Linear Regression: An Algorithmic Approach, Fuzzy Information and Engineering, 12(4), 412–434, 2021 [Taylor & Francis Publications]

GSM Thakur, **R Bhattacharyya**, S Sarkar. Stock portfolio selection using Dempster–Shafer evidence theory, Journal of King Saud University – Computer and Information Sciences. 30(2), 223 - 235 2018 [ELSEVIER Publications] [Impact Factor: 13.473]

R Bhattacharyya, SA Hossain, S Kar. Fuzzy cross-entropy, mean, variance, skewness models for portfolio selection. Journal of King Saud University – Computer and Information Sciences. 26, 79 – 87, 2014 [ELSEVIER Publications] [Impact Factor: 13.473]

R Bhattacharyya, P Kumar, S Kar. Fuzzy R&D portfolio selection of interdependent projects. Computers and Mathematics with Applications. 62(10), 3857-3870, 2011 [ELSEVIER Publications]. [Impact Factor: 3.476]

R Bhattacharyya, S Kar, DD Majumder. Fuzzy mean – variance – skewness portfolio selection models by interval analysis. Computers and Mathematics with Applications. 61(1), 126-137, 2011 [ELSEVIER Publications]. [Impact Factor: 3.476]

ACHIEVEMENTS & AWARDS

- **Professor M N Gopalan Award** (for the Best PhD Thesis in Operational Research), 2011 by Operational Research Society of India.
- **Chanakya Award: 2010 - 2011** (for inspiring guidance towards students), Camellia Institute of Engineering and Technology.
- **First Class First in B.Sc.** (Honours in Mathematics), 2002 in order of merit.

PERSONAL DETAILS

Date of Birth	12/02/1980
Home Address	Baninagar, Pritinagar, Nadia, West Bengal, India - 741247
Nationality	Indian

I hereby declare that all the statements made above are correct to the best of my knowledge and belief.

Date: 29/11/2022

Place: Howrah


Dr. Rupak Bhattacharyya