

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 Vigyansathi portal)

1. Programme Type (ref SN 10 of the Guidelines): **Seminar organized by College**
2. Title of the proposed Programme: **Innovation in Mathematics & Computing**
3. Target Group (Faculty, Teacher, Research Scholar, College/ University Student, Community): **Faculty, Research Scholar, College Students**
4. Duration (days): **2 days**; Tentative Dates of the proposed Programme: **11&12 April, 23**
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. Prosenjit Sen, Associate Professor & Vice Principal, OmDayal Group of Institutions, Uluberia Industrial Growth Centre, Howrah, Pin – 711316, Mob – 9046208400, Email – prosenjitsen@omdayal.net / prosenjitsen83@gmail.com
7. Legal status of the Institute (College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.): **College (Private)**
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:.....
Expected number of participants – 75
Enclosed Annexure – V for resource persons
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:.....
Prof. (Dr.) Yogesh Kumar Sinha, Principal, OmDayal Group of Institutions, Uluberia Industrial Growth Centre, Howrah, Pin – 711316, Mob – 9903043937, Email – principal@oders.in
13. Total Programme Expenditure (A)/ Organisation's contribution (B)/ Grant expected from DSTBT (C): **C: ₹ 95,000/- =(A: ₹ 1,20,000 –B: ₹ 25,000)**
(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**
- 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: *Prosenjit Sen*

Date: *19/12/22*

Name of Programme Coordinator:
Dr. Prosenjit Sen

Designation: Associate Professor
& Vice Principal

Address: OmDayal Group of Institutions,
Uluberia Industrial Growth Centre,
Howrah, Pin – 711316

Dr Prosenjit Sen
Associate Professor
OmDayal Group of Institutions
Uluberia, Howrah

Signature: *[Signature]*

Date: *19/12/22*

Name of Head of the Institution:
Prof. (Dr.) Yogesh Kumar Sinha

Designation: Professor & Principal

Address: OmDayal Group of Institutions,
Uluberia Industrial Growth Centre,
Howrah, Pin – 711316
OmDayal Group of Institutions

Principal



(Office Seal)

RECOMMENDATION

(Only for registered NGO/ Trust) **Not Applicable**

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:

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 **	25,000	--	25,000
2.	Study materials, Consumables expenses	10,000	--	10,000
3.	Hall rent, if any	20,000	20,000	--
4.	Publicity materials	5,000	--	5,000
5.	Travel expenses	10,000	--	10,000
6.	T.A. to the external Resource Persons/ Experts	15,000	--	15,000
7.	Documentation expenses including audio-visual	10,000	5,000	5,000
8.	Light refreshments	20,000	--	20,000
9.	Auditors' fee	5,000	--	5,000
10.	Other expenses, if any (please specify)	--	--	--
Grand Total Expenditure(₹):		1,20,000	25,000	95,000

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

** Justification: External Speaker's Honorarium - ₹ 5000/- x 5 = ₹ 25,000/-

Bank details of the Applicant Organisation

Name of the Organisation	OmDayal Group of Institutions
Bank Account number & name of the Account holder/ Organisation	A/c – 40170314990 OmDayal Group of Institutions (Expenses Ac.)
Type of Account (Savings or Current A/c)	Savings
Name of the Bank	State Bank of India
Name of the Branch with Branch address	Overseas Branch, Samriddhi Bhawan, 1, Strand Road, Kolkata - 700001
IFSC of the Branch	SBIN0004805
Mobile Number of the Programme Coordinator/ Head of the Organisation	Program Coordinator –9046208400 Head of the Organisation - 9903043937
PAN / TAN of the Account holder/ Organisation	PAN – AABTM2483L TAN – CALM04734C

Enclose: Cancelled Cheque



Signature of Authorized Personnel with seal
 OmDayal Group of Institutions
 Principal

Annexure – III

Aims of the Proposed Seminar:

- 1) Motivate the participants by close interaction with scientists, eminent professors in the advanced area of Mathematics.
- 2) Make all aware of advancements in research in the advanced areas of Computer Science.
- 3) To orient faculties and research scholars toward innovations and applications.
- 4) Poster presentations on innovative ideas on advancements in computing.

Objective of the Proposed Seminar:

The Objective of the seminar is to bring together the academicians, research scholars and specially the students to share and exchange the knowledge of the mathematics and how the subject plays a vital role in the computer science.

Mathematics is the foundational part of the Computer Science. Analytical skills are necessary for problem-solving and data analyzing where Mathematics plays a vital role. The subject Mathematics always forces us to analyze the equations and understand the derivation flow in case a mistake is made.

The seminar will address the following aspects:-

- The role of the Mathematics in the advent and evolution of the Computer Science
- Discussion about the modern cryptography exists at the intersection of the disciplines of mathematics, computer science and information security.
- To discuss the Data Science and the application of Mathematics in the concerned subject
- Machine Learning and its modern day importance
- Soft computing and the advancement of the subject in modern age.
- Poster Presentation

Details of the Proposed Seminar:

Day1:-

Session1:- Expert Lecture on Mathematics on advent of computers with mathematics

Session2:- Expert lecture on the computer application on data science and the role of Mathematics

Session3:- Expert Lecture on Machine Learning and its modern day application.

Day2:-

Session4:- Expert Lecture on Cryptography

Session5:- Expert Lecture of Computer application focusing on Soft Computing and other advance fields of Computer Science where mathematics is an important part

Session6:- Display of Projects/Hand on Experiment and Poster Presentation



Prosenjit Sen 19/12/22
Programme Co-ordinator (PC)
Dr Prosenjit Sen
Associate Professor
OmDayal Group of Institutions
Uluberia, Howrah

Annexure – IV

Date-wise Detailed Programme Schedule

Date	Time	Programme Schedule	Speaker
Day 1 (11.04.23)	10:30am – 11:00am	Registration & Tea	
	11:00am – 11:15am	Inauguration Programme	
	11:15am – 12:45pm	Session - 1 (Advent of computers with mathematics)	Dr. Alakesh Maity, Associate Professor, Dept. of Mathematics, Vidyasagar Metropolitan College (University of Calcutta)
	12:45pm – 01:30pm	Lunch	
	01:30pm – 03:00pm	Session – 2 (The computer application on data science and the role of Mathematics)	Dr. Kinsuk Giri, Assistant Professor, Computer Science and Engineering Department, NITTR, Kolkata
	03:00pm – 03:15pm	Tea Break	
	03:15pm – 04:30pm	Session – 3 (Machine Learning and its modern day application)	Dr. Dipak Kumar Jana, Professor and Head, Department of Applied Science, Haldia Institute of Technology, Haldia

Date	Time	Programme Schedule	Speaker
Day 2 (12.04.23)	10:30am – 11:00am	Tea	
	11:00am – 12:30pm	Session – 4 (Cryptography)	Dr. Avishek Adhikari, Professor and Head of the Mathematics Department, Presidency University, Kolkata
	12:30pm – 01:30pm	Lunch	
	01:30pm – 03:00pm	Session - 5 (Computer application focusing on Soft Computing and other advance fields of Computer Science where mathematics is an important part)	Dr. Samir Roy, Professor and Head, Computer Science and Engineering Department, NITTR, Kolkata
	03:00pm – 04:00pm	Session – 6 (Poster Presentation by Student)	Jury:- Dr. Y. K. Sinha, Principal, ODGI & Mr. Saikat Pahari, CSE Dept., ODGI
	04:00pm – 04:30pm	Valedictory Session & Prize Distribution	



Prosenjit Sen 19/12/22
 Programme Co-ordinator (PC)
Dr Prosenjit Sen
Associate Professor
OmDayal Group of Institutions
Uluberia, Howrah

Annexure – V

About the Speakers:

1. Dr. Alakesh Maity, Associate Professor, Department of Mathematics, Vidyasagar Metropolitan College, Address:- H9J8+XV5, Sankar Ghosh Ln, Simla, Machuabazar, Kolkata, West Bengal 700006. Email id :- alakesh_maity@hotmail.com
2. Dr. Kinsuk Giri, Assistant Professor, Computer Science and Engineering, National Institute of Technical Teachers' Training & Research (NITTTR) Kolkata Address:- HCJ5+J2F, Falguni Rd, FC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106, Email id:- kinsuk@nitttrkol.ac.in
3. Dr. Dipak Kumar Jana, Professor and Head, Department of Applied Science, Haldia Institute of Technology, ICARE Complex, Hatiberia, Haldia, Email:- dipakjana@gmail.com
4. Dr. Avishek Adhikari, Professor and Head of the Mathematics, Department, Presidency University, 86/1 College Street Kolkata:- 700073, Email id:- avishek.maths@presiuniv.ac.in
5. Dr. Samir Roy Professor & Head, Computer Science and Engineering, National Institute of Technical Teachers' Training & Research (NITTTR) Kolkata Address:- HCJ5+J2F, Falguni Rd, FC Block, Sector III, Bidhannagar, Kolkata, West Bengal 700106, Email id:- sroy@nitttrkol.ac.in



Prosenjit Sen 19/12/22
Programme Co-ordinator (PC)
Dr Prosenjit Sen
Associate Professor
OmDayal Group of Institutions
Uluberia, Howrah



भारतीय स्टेट बैंक
State Bank Of India

(04805) - OVERSEAS BRANCH KOLKATA
SAMRIDDHI BHAVAN, BLOCK-A 1, STRAND ROAD, KOLKATA
WEST BENGAL 700001
Tel: 91-9830764485 IFS Code : SBIN0004805

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY

D	D	M	M	Y	Y	Y	Y		

g4EyA6

या धारक को OR BEARER

PAY

रुपये RUPEES

अदा करें

₹

खा. सं.
A/c No.

40170314990

VALID UPTO ₹ 10 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY

09941307104

SB ACCOUNT

PREFIX:
0523700257

OMDAYAL GROUP OF INSTITUTIONS (EXPENSES ACCOUNT)

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

Please sign above

⑈837180⑈ 700002075⑈ 000759⑈ 31

BIODATA

1	Name	PROSENJIT SEN				
2	Father	Deba Prasad Sen				
3	Address	Village & P.O. : Bantul, P.S.: Bagnan, Distict : Howrah, West Bengal, Pin -711312				
	Contact No.	9046208400/9733572334		Email Id	prosenjitsen@omdayal.net , prosenjitsen83@gmail.com ,	
4	Date of Birth	01-02-1983	Category	General	Gender	Male
5	Educational Qualifications :					
	Examination Passed	Subject / Specialization/Title of thesis	Board / Univ.	Year of Passing		Divn/Cls.
	Secondary / 10 th Standard	BENG, ENG, MATH, PSC,LSC,GEO, HIS,PIS	W.B.B.S.E.	1999		1st
	H.S. / 10+2 standard	BENG,ENG,MATH, PHY,CHEM,BIO	W.B.C.H.S. E.	2001		1st
	BSc(H) [Graduation]	MATHEMATICS (HONS.)	University of Calcutta	2004		2nd
	M.Sc. [Master Degree]	MATHEMATICS	Banaras Hindu University	2007		1st
	PhD Degree	MATHEMATICS [Title of thesis: On Some Dynamical Models of Ecological and Epidemiological systems]	IIST, Shibpur	Date of Enrolment. 27/07/2010	Date of Completion	30/12/2016 (dt. of award)
6	Present Position	Dr. Prosenjit Sen Associate Professor & Vice Principal (Additional Charge) OmDayal Group of Institutions (ODGI) (Approved By COA & AICTE, Affiliated by MAKAUT & NAAC Accredited) Uluberia, Howrah, West Bengal, Pin - 711316				
7	Research Area	Mathematical Biology, Complex Analysis and Fuzzy Mathematics				
8	Subjects Taught (UG Course)	Numerical Analysis, Operations Research				
	Subject Taught (PG Course)	Research Methodology & Statistical Analysis				
9	Teaching Experience :	15 years 4 months				
	Research Experience :	15 years 4 months (with PhD period)				

10	Administrative / Institute Support Work			
1	Working as Vice Principal from 01.03.2017 to till now .			
2	Acted as OIC (Officer-In-Charge), Examination Cell of ODGI from 2010 to 2022.			
3	Acted as Coordinator, Internal Quality Assurance Cell (IQAC) of ODGI from 2017-2019 and Coordinator, Steering Committee during NAAC visit in 2017.			
4	Worked as Centre Supernatant in NEET 2020, 2022 by NTA and Deputy Centre Supernatant in Jee Main 2013, 2014, 2015, 2016, 2017 and AIPMT 2013, 2014, 2015, 2016.			
5	Worked as Centre-In-Charge, WBJEE 2018, 2019, 2020, 2021, 2022 and Assistant Centre-In-Charge, WBJEE 2011, 2012, 2013, 2014, 2015, 2016, 2017.			
11	RESEARCH [Ph.D.] GUIDANCE			
	Enlisted as the PhD. Supervisor of the MAKAUT in 2021 and guiding 3 research scholars under MAKAUT. The details of Ph.D. scholar are given below.			
	Scholar Name	Thesis Title	Co Supervisor	Status
1	Jayanta Saha	Some aspects of growth analysis of higher dimensional complex valued functions and their applications	Prof.(Dr.) S.K. Datta	Ongoing
2	Rakesh Sarkar	On the study of fixed point theorems in higher dimensional complex valued metric spaces	Prof.(Dr.) S.K. Datta	Ongoing
3	Surajit Hazra	A new dimensional approach to the study of deficiencies and its inverse analogue of complex valued functions of higher order	Prof.(Dr.) S.K. Datta	Ongoing
12	Publication Details (give numbers):			
	Journal Papers :		10 (Published) : 5 (International) and 5 (National)	03 (Communicated)
13	Membership of Professional Body/Bodies			
	Calcutta Mathematical Society, Indian Statistical Institute, Indian Science Congress Association			
14	Seminar(s) / Science Camps organized			
i	Acted as Convener in Five days DST-Inspire Science Camp 2020 at OmDayal Group of Institutions			
ii	Organized Special Lectures of Mathematics at Dept of Math., OmDayal Group of Institutions in 2017 and 2015.			
15	Seminar(s) / Conference(s) / Summer - Winter School(s) / Workshop(s) attended, if any (give numbers)		11	
16	Webinar(s) attended, if any (give numbers)		13	
17	Other Information			
1. I helped and gave suggestions during the preparation of the manuscript for the books A Text Book of Engineering Mathematics Vol: I, II, III, IV and A Text Book of Operations Research by Prof. G. P. Samanta 2. I set up Mathematics Research Lab for Numerical Simulation in ODGI.				

Declaration

"I hereby declare that the statements made by me in / above form are true, complete and correct to the best of my knowlegde and belief."

Place:Uluberia

Date:19.12.22

Prosenjit Sen.

Dr. Prosenjit Sen