

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): Conference organized by University
2. Title of the proposed Programme:
Emerging Dimensions in Chemical Sciences (EDCS-23)
3. Target Group (Faculty, Teacher, Research Scholar, College/ University Student, Community):
Faculty, Teacher, Research Scholar, University Student, Community
4. Duration (days): 02; Tentative Dates of the proposed Programme: 28-29 March 2023
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):

The National Conference on “EMERGING DIMENSIONS IN CHEMICAL SCIENCES (EDCS-23) during March 21-22, 2023 is scheduled to be organized by the Department of Chemistry, University of Kalyani, West Bengal jointly with Chemical Research Society of India (CRSI), Kolkata Chapter. Since its inception in 1999, CRSI has brought together the Chemistry community in India for the past two decades. Conferences and seminars both at the National and Regional level have been organized under the banner of CRSI throughout the year with the aim of fostering talent in teaching and research in chemistry.

The conference which will be held at the University of Kalyani in West Bengal will feature several plenary talks, invited talks and poster presentations focusing on emerging dimensions of research in chemical sciences. The objective of the conference is to bring together a panel of highly-accomplished experts working in cutting edge research in diverse areas of chemical sciences in India. EDCS-23 aims at providing a platform for the chemistry community to share and discuss the emerging dimensions in chemical sciences and above all to expose our students to the excellent research opportunities in India.

Summarizing, EDCS-23 will be a platform where young researchers will get an exposure to the frontline research in Chemistry being carried out in our country. Our University is an affiliating University with several undergraduate colleges affiliated to it. Many of the students in these colleges are first generation learners. Yet many of our alumni have made our banner fly high both internationally and within the country.

The town of Kalyani today is a hub of scientific activity with IISER Kolkata, AIIMS

Kalyani, IIT, National Institute of Biomedical Genomics (NIBMG) and three Universities located within a few kilometers. There are academic exchanges and active collaboration between research groups in these Institutions. The organization of EDCS-23 jointly with CRSI Kolkata Chapter will help to augment the academic activities within the region.

6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary):
Prof. Swati De
Department of Chemistry,
University of Kalyani;
Email: deswati1@gmail.com;
Phone: 9831244131
7. Legal status of the Institute (College/University/Institute/Polytechnic ITI/Autonomous body/registered NGO/ Trust etc.): University
8. Date wise detail Programme Schedule (attach separate sheet, if necessary):

Day 1 **March 28, 2023 (Tuesday)**

9.30 -10.30 am: Registration

Inaugural Session

10.30 – 11.30 am: Inaugural Session, Chief Guest – Prof. Sourav Pal

11.30-12.00 pm: High Tea

Technical Session 1

12.00 – 12.45 pm: Plenary Lecture 1 , Professor G. Mugesh, IISc Bangalore

Technical Session 2

12.45 – 1.30 pm:	Plenary Lecture 2, Professor Jitendra K Bera, IIT Kanpur
1.30 – 3.00 pm:	Lunch + Poster Session (Co-chairs- Prof. Suhrit Ghosh, IACS Kolkata; Prof. Chaitali Mukhopadhyay, Calcutta University; Prof. Pradipta Purkayastha, IISER Kolkata; Prof. Debasish Halder, IISER Kolkata; Prof. Arup Gayen, Jadavpur University)

Technical Session 3

3.00 – 3.25 pm:	IL 1, Professor Partha Sarathi Mukherjee, IISc Bangalore
3.25 – 3.50pm:	IL 2 Professor Sukhendu Mandal, IISER Thiruvananthapuram
3.50 – 4.15 pm:	IL 3 Professor Sankar Guchhait, NIPER Mohali
4.15 – 4.30 pm:	Tea

Technical Session 4

Kolkata

4.30 – 4.55 pm: IL 4 Professor Manik Pradhan, S N Bose Centre, Kolkata

4.55 – 5.20 pm: IL 5 Professor Alok Ranjan Paital, CSMCRI, Bhavnagar

7.00 -9.00 pm: Conference Dinner

Day 2**March 29, 2023 (Wednesday)**

Technical Session 5 9.30 – 10.15 am:	Session Chair–Prof. Swapan Kumar Pati, JNCASR Bangalore Plenary Lecture 3, Professor SouvikMaiti, IGIB, New Delhi
Technical Session 6 University 10.15 -10.40 am: 10.40 – 11.05 am: 11.05 – 11.20 am:	Session Chair - Prof. Samaresh Bhattacharya, Jadavpur IL 6, Professor Kaushik Ghosh, IIT Roorkee IL 7, Professor Debashree Ghosh, IACS Kolkata Tea
Technical Session 7 11.20 – 11.45 am: 11.45 – 12.10 pm: 12.10 – 12.35 pm: 12.35- 1.00 pm:	(Special Session dedicated to Professor Kankan Bhattacharyya) Session Chair – Prof. Anunay Samanta, School of Chemistry, University of Hyderabad IL 8, Professor AnindyaDatta, IIT Bombay IL 9, Professor SobhanSen, JNU IL 10, Professor Saptarshi Mukherjee, IISER Bhopal IL 11, Professor Pratik Sen, IIT Kanpur
Technical Session 8 University 1.00 – 1.25 pm: 1.25 - 1.50 pm: 1.50 – 2.50 pm:	Session Chair – Prof. Nitin Chattopadhyay, Jadavpur IL 12, Professor Anukul Jana, TIFR Hyderabad IL 13, Professor Modhu Sudan Majhi, IIT Kharagpur Lunch
Technical Session 9 Kalyani 2.50 – 3.05 pm: 3.05– 3.20 pm: 3.20- 3.35 pm: 3.35 – 3.50 pm: 3.50 – 4.05 pm:	Session Chair – Prof. Shital. K. Chattopadhyay, University of SIL 1, Dr. Astam Kumar Patra, University of Kalyani SIL 2, Dr. Tapas Majumdar, University of Kalyani SIL 3, Dr. Avik Kumar Bagdi, University of Kalyani SIL 4, Dr. Sk. Imran Ali, University of Kalyani SIL 5, Dr, Kalachand Mahali, University of Kalyani
Valedictory Session 4.05 -4.30 pm: 4.30 -5.00 pm:	Valedictory Session Tea

9. Collaborating Institutions/ Organizations, if any, with their specific contribution:
None

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

Expected number of participants: 300

List of key-note Speakers / Resource Persons:

Sl. No.	Name & Designation	Research / Expertise Area	Affiliated Department and Institute (with full address)	Status of Availability
1.	Dr.Sourav Pal, Professor	Theoretical Chemistry	Head, Department of Chemistry Ashoka University, Delhi.	Confirmed
2.	Dr. Anunay Samanta, Senior Professor	Ultrafast Spectroscopy	Senior Professor, School of Chemistry University of Hyderabad	Confirmed
3.	Dr.Samaresh Bhattacharya, Professor	Inorganic Chemistry and Organometallic Chemistry	Professor Department of Chemistry Jadavpur University	Confirmed
4.	Dr. Govindasamy Mugesh, Professor	Bio-inorganic Chemistry and Chemical Biology	Department of Inorganic and Physical Chemistry Indian Institute of Science	Awaited
5.	Dr.Jitendra Kumar Bera, Professor	Inorganic and Organo-metallic Chemistry	Department of Chemistry Indian Institute of Technology Kanpur Kanpur 208016	Confirmed
6.	Dr.Swapan Kumar Pati, Professor	Theoretical Chemistry, Energy storage and Harvesting	Theoretical Sciences Unit, JNCASR, Jakkur Bengaluru 560064	Confirmed
7.	Dr.Amitava Das, Professor	Supramolecular Chemistry, Molecular Recognition	Professor, Department of Chemical Sciences, IISER Kolkata Mohanpur	Confirmed
8.	Dr. SouvikMaiti, Senior Principal Scientist	Chemical Biology	Director &Senior Principal Scientist Institute of Genomics & Integrative Biology	Confirmed
9.	Dr. Tapas Chakraborty, Senior Professor	Excited state Dynamics and Spectroscopy	Director (Additional Charge) , Senior Professor, School of Chemical Sciences, IACS, Kolkata 700032	Confirmed
10.	Dr. Swadhin Mandal, Professor	Organometallic Chemistry and its Applications	Professor, Department of Chemical Sciences, IISER Kolkata, Mohanpur	Confirmed (Online)
11.	Dr. Anindya Datta, Professor	Ultrafast Excited state Dynamics	Department of Chemistry Indian Institute of Technology Bombay	Confirmed
12.	Dr. Partha Sarathi Mukherjee, Professor	Inorgnaic Chemistry	Inorganic and Physical Chemistry Department IISc, Bangalore	Confirmed
13.	Dr.Sobhan Sen, Professor	Molecular Dynamics Simulation,	School of Physical Sciences Jawaharlal Nehru University	Confirmed

		Biomolecular Dynamics		
14.	Dr. Saptarshi Mukherjee, Professor	Ultrafast and Molecular Spectroscopy	Department of Chemistry Indian IISER Bhopal	Confirmed
15.	Dr. Pratik Sen, Professor	Biophysical Chemistry and Ultrafast Spectroscopy	Department of Chemistry Indian IIT Kanpur	Confirmed
16.	Dr. Kaushik Ghosh, Professor	Coordination Chemistry	Department of Chemistry IIT Roorkee	Awaited
17.	Dr. Sankar K. Guchhait, Professor	Synthetic Organic Chemistry and Medicinal Chemistry	Department of Medicinal Chemistry NIPER, Mohali	Confirmed
18.	Dr. Sukhendu Mandal, Professor	Materials Chemistry	Department of Chemistry IISER Trivandrum	Confirmed
19.	Dr. Modhu Sudan Maji, Professor	Total Synthesis of Alkaloids	Dept. of Chemistry, IIT Kharagpur	Confirmed
20.	Dr, Manik Pradhan, Associate Professor	Laser Spectroscopy and Chemical Physics	S. N. Bose National Centre for Basic Sciences Kolkata	Confirmed
21.	Dr. Debashri Ghosh, Professor	Theoretical Chemistry	Physical Chemistry Dept, IACS Kolkata	Confirmed
22.	Dr.Alok Ranjan Paital, Principal Scientist	Bioinorganic Chemistry	Principal Scientist CSMCRI, Bhavnagar	Confirmed
23.	Dr.Anukul Jana, Professor	Organometallics	TCIS, TIFR Hyderabad	Awaited
24.	Dr. Nitin Kumar Chattopadhyay, Professor	Photochemistry and Photophysics in Organized systems	Dept. of Chemistry, Jadavpur University	Awaited
25.	Dr. Shital K Chattopadhyay, Professor (Retired)	Organic Synthesis	Department of Chemistry University of Kalyani	Confirmed
26.	Dr. Tapas Majumdar, Associate Professor	Fluorescence Spectroscopy and Logic gates	Department of Chemistry University of Kalyani	Confirmed
27.	Dr.Astam Kumar Patra, Assistant Professor	Materials Chemistry	Department of Chemistry University of Kalyani	Confirmed
28.	Dr.Avik Kumar Bagdi, Assistant Professor	Organic Synthesis	Department of Chemistry University of Kalyani	Confirmed
29.	Dr. Sk. Imran Ali, Assistant Professor	Inorganic Synthesis and	Department of Chemistry University of Kalyani	Confirmed

		Crystallography		
30.	Dr. Kalachand Mahali, Assistant Professor	Solution Chemistry	Department of Chemistry University of Kalyani	Confirmed

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.:
None

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:

Name and address of the authority: University of Kalyani,
Kalyani, Nadia,
West Bengal - 741235

Person responsible for submitting the UC.....: Prof. Swati De
Department of Chemistry,
University of Kalyani;
Email: deswati1@gmail.com;
Phone: 9831244131

13. Total Programme Expenditure (A)/ Organisation's contribution (B)/ Grant expected from DSTBT (C):

Total Programme Expenditure (A): ₹ 6,80,000/-

Organisation's contribution (B): ₹ 2,52,000/-

Grant expected from DSTBT (C): ₹ 4,28,000/-

C: ₹ 4,28,000/- = (A: ₹ 6,80,000/- – B: ₹ 2,52,000/-)

(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	--	--	--
2.	Study materials, Consumables expenses	80,000/-	--	80,000/-
3.	Hall rent, if any	--	--	--
4.	Publicity materials	1,00,000/-	1,00,000/-	--
5.	Travel expenses	1,20,000/-	--	1,20,000/-
6.	T.A. to the external Resource Persons/ Experts	80,000/-	52,000/-	28,000/-
7.	Documentation expenses including audio-visual	--	--	--
8.	Light refreshments	2,50,000/-	1,00,000/-	1,50,000/-
9.	Auditors' fee	--	--	5,000/-
10.	Other expenses, if any (please specify)	50,000/-	--	--
Grand Total Expenditure (₹):		6,80,000/-	2,52,000/-	3,83,000/-

Bank details of the Applicant Organisation:

Name of the Organisation	University of Kalyani
Bank Account number & name of the Account holder/ Organisation	422220100100001
Type of Account (Savings or Current A/c)	Current
Name of the Bank	Bank of India
Name of the Branch with Branch address	Kalyani University Branch, Kalyani University, Kalyani, Nadia, Pin - 741235
IFSC of the Branch	BKID0004121
Mobile Number of the Programme Coordinator/ Head of the Organisation	9831244131
PAN / TAN of the Account holder/ Organisation	PAN: AAALU0155E; TAN: CALU02660A

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☒
- ☒ 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☒

University of Kalyani

Kalyani-741235, Nadia, West Bengal



ESTD. : 1960

Prof Debansu Ray
Registrar

Phone : (O) 2582-8750/8378/8293/
8478/8889/9356/8478

(D) 2502-5762

(F) 00-91-33-2582-2505

registrar@klyuniv.ac.in

E-mail : registrarklyuniv@gmail.com

RPS/NCEDCS/CHEM./I-2023

Dated: 30.01.2023

Annexure-I

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: *S.D*

Date: *30/01/2023*

Name of Programme Coordinator: Prof.
Swati De

Designation: Professor of Chemistry

Address: Department of Chemistry,
University of Kalyani, Kalyani, Nadia, West
Bengal - 741235

Signature: *Debansu Ray*

Date: *30/01/23*

Name of Head of the Institution:
Prof. Debansu Ray

Designation: Registrar

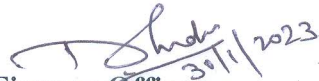
Address: University of Kalyani,
Kalyani, Nadia, West Bengal -
741235



(Office Seal)

UNIVERSITY OF KALYANI
Finance Department

Name of the Beneficiary	UNIVERSITY OF KALYANI
Account Name	UNIVERSITY OF KALYANI GENERAL FUND
TELEPHONE NUMBER/FAX	033-25808467, Fax: 033-25828282
E-MAIL	fdku2014@gmail.com
Bank Account Number	422220100100001
Bank Branch Code	4121
IFSC Code	BKID0004121
MICR No.	700013090
Swift Code	BKIDINBBCOS
Nature of Bank Account	Current
Name of the Bank	BANK OF INDIA
Name & Address of Bank Branch	KALYANI UNIVERSITY BRANCH, KALYANI UNIVERSITY , KALYANI, NADIA PIN-741235, WEST BENGAL ,Phone : 033-2582 9480
EMAIL	kalyaniuniversity.Bardhaman@bankofindia.co.in


Finance Officer
University of Kalyani
Finance Officer
University of Kalyani

Proposed Total Budget with break-ups

Annexure-I

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	--	--	--
2.	Study materials, Consumables expenses	80,000/-	--	80,000/-
3.	Hall rent, if any	--	--	--
4.	Publicity materials	1,00,000/-	1,00,000/-	--
5.	Travel expenses	1,20,000/-	--	1,20,000/-
6.	T.A. to the external Resource Persons/ Experts	80,000/-	52,000/-	28,000/-
7.	Documentation expenses including audio-visual	--	--	--
8.	Light refreshments	2,50,000/-	1,00,000/-	1,50,000/-
9.	Auditors' fee	--	--	5,000/-
10.	Other expenses, if any (please specify)	50,000/-	--	--
Grand Total Expenditure (₹):		6,80,000/-	2,52,000/-	3,83,000/-

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

Bank details of the Applicant Organisation

Annexure-II

Name of the Organisation	
Bank Account number & name of the Account holder/ Organisation	
Type of Account (Savings or Current A/c)	
Name of the Bank	
Name of the Branch with Branch address	
IFSC of the Branch	
Mobile Number of the Programme Coordinator/ Head of the Organisation	
PAN / TAN of the Account holder/ Organisation	

Signature of Authorised Personnel with seal

Emerging Dimensions in Chemical Sciences (EDCS-23)

Organized by

Department of Chemistry, University of Kalyani and Chemical Research Society of India, Kolkata
Chapter

Detailed Program Schedule

Day 1 March 28, 2023 (Tuesday)

9.30 -10.30 am: Registration

Inaugural Session

10.30 – 11.30 am : Inaugural Session, Chief Guest – Prof. Sourav Pal

11.30-12.00 pm: High Tea

Technical Session 1 Session Chair - Professor Sourav Pal, Ashoka University

12.00 – 12.45 pm: Plenary Lecture 1 , Professor G. Mugesh, IISc Bangalore

Technical Session 2 Session Chair - Professor Amitava Das, IISER Kolkata

12.45 – 1.30 pm: Plenary Lecture 2, Professor Jitendra K Bera, IIT Kanpur

1.30 – 3.00 pm: Lunch + Poster Session (Co-chairs- Prof. Suhrit Ghosh, IACS Kolkata; Prof. Chaitali Mukhopadhyay, Calcutta University; Prof. Pradipta Purkayastha, IISER Kolkata; Prof. Debasish Halder, IISER Kolkata; Prof. Arup Gayen, Jadavpur University)

Technical Session 3 Session Chair – Professor Tapas Chakrabarti, IACS Kolkata

3.00 – 3.25 pm: IL 1, Professor Partha Sarathi Mukherjee, IISc Bangalore

3.25 – 3.50pm: IL 2 Professor Sukhendu Mandal, IISER Thiruvananthapuram

3.50 – 4.15 pm: IL 3 Professor Sankar Guchhait, NIPER Mohali

4.15 – 4.30 pm: Tea

Technical Session 4 Session Chair - Professor Swadhin Kumar Mandal, IISER Kolkata

4.30 – 4.55 pm: IL 4 Professor Manik Pradhan, S N Bose Centre, Kolkata

4.55 – 5.20 pm: IL 5 Professor AlokRanjanPaital, CSMCRI, Bhavnagar

7.00 -9.00 pm: Conference Dinner

Day 2**March 29, 2023 (Wednesday)**

Technical Session 5
9.30 – 10.15 am:

Session Chair–Prof. Swapan Kumar Pati, JNCASR Bangalore
Plenary Lecture 3, Professor Souvik Maiti, IGIB, New Delhi

Technical Session 6
10.15 -10.40 am:
10.40 – 11.05 am:
11.05 – 11.20 am:

Session Chair - Prof. Samaresh Bhattacharya, Jadavpur University
IL 6, Professor Kaushik Ghosh, IIT Roorkee
IL 7, Professor Debashree Ghosh, IACS Kolkata
Tea

Technical Session 7

(Special Session dedicated to Professor Kankan Bhattacharyya)
Session Chair – Prof. Anunay Samanta, School of Chemistry,
University of Hyderabad

11.20 – 11.45 am:
11.45 – 12.10 pm:
12.10 – 12.35 pm:
12.35- 1.00 pm:

IL 8, Professor Anindya Datta, IIT Bombay
IL 9, Professor Sobhan Sen, JNU
IL 10, Professor Saptarshi Mukherjee, IISER Bhopal
IL 11, Professor Pratik Sen, IIT Kanpur

Technical Session 8
1.00 – 1.25 pm:
1.25 - 1.50 pm:
1.50 – 2.50 pm:

Session Chair – Prof. Nitin Chattopadhyay, Jadavpur University
IL 12, Professor Anukul Jana, TIFR Hyderabad
IL 13, Professor Modhu Sudan Majhi, IIT Kharagpur
Lunch

Technical Session 9
Kalyani

Session Chair – Prof. Shital. K. Chattopadhyay, University of

2.50 – 3.05 pm:
3.05– 3.20 pm:
3.20- 3.35 pm:
3.35 – 3.50 pm:
3.50 – 4.05 pm:

SIL 1, Dr. Astam Kumar Patra, University of Kalyani
SIL 2, Dr. Tapas Majumdar, University of Kalyani
SIL 3, Dr. Avik Kumar Bagdi, University of Kalyani
SIL 4, Dr. Sk. Imran Ali, University of Kalyani
SIL 5, Dr. Kalachand Mahali, University of Kalyani

Valedictory Session
4.05 -4.30 pm:
4.30 -5.00 pm:

Valedictory Session
Tea