

Three Days International Conference

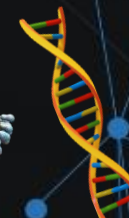
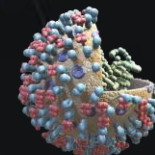
Recent Developments in Chemistry (RDC-2021)

Organized By,

Department of Chemistry,

National Institute of Technology Durgapur, India

Date: 3rd - 5th March 2021, Time: 9:15 AM to 5:00 PM (Indian Standard Time)



• An Erudite Lecture will be delivered by
Honourable Prof. Jean-Marie Lehn (Nobel laureate-1987), known as 'Father of Supramolecular Chemistry' on his Novel Work.

Distinguished Speakers



Prof.
T. Pradeep
IIT Madras, India

Prof.
Anindya Dutta
IIT Bombay, India

Prof.
Debabrata Maiti
IIT Bombay, India

Prof.
R. N. Mukherjee
IIT Kanpur, India

Prof.
Amit Basak
IIT Kharagpur, India

Prof.
P. S. Mukherjee
IISc, Bangalore, India

Prof.
Pradyut Ghosh
IACS, Kolkata, India

Prof.
Rahul Banerjee
IISER Kolkata, India



Prof.
Jean-Marie Lehn
Université de Strasbourg,
France



Prof.
Bansidhar Datta
Kent State University,
USA

Prof.
Sanku Mallik
North Dakota State
University,
Fargo, USA

Prof.
Samaresh Bhattacharya
Jadavpur University,
Kolkata, India

Prof.
Samir Kumar Pal
S. N. Bose National
Centre for Basic Sciences,
Kolkata, India

Prof.
Sankar Chandra Moi
NIT Durgapur, India

Dr.
Rudra Palash Mukherjee
Pfizer, USA

Prof.
Wolfgang Linert
Vienna University
of Technology,
Vienna, Europe

Prof.
Tadhg P. Begley
Texas A&M University,
USA

Microsoft Teams

YouTube Live Stream

Three Days International Conference on Recent Developments in Chemistry (RDC-2021)

Date of Conference: 3rd-5th March'2021

Who can participate: Faculty members, Research Scholars, Scientists, Students, and Industrial delegates/participants.

Conference will be conducted through online Microsoft Teams and YouTube. Detail link will be communicated to the participants in right time.



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Department of Chemistry

National Institute of Technology Durgapur

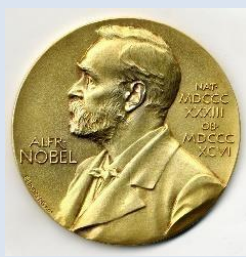
**Mahatma Gandhi Avenue, Durgapur-713209, WB,
India**

www.nitdgp.ac.in

Keynote speaker



Prof. Jean-Marie Lehn (Nobel Laureate-1987)
(Father of Supra-Molecular Chemistry)



About NIT Durgapur

National Institute of Technology Durgapur (NITD) is a premier level-1 Institute of India. It is an Institute of National Importance under Ministry of Education, Government of India. It offers under graduate, post graduate courses as well as doctoral programmes in Engineering, Basic Science, Social Science and Management Study. It was established as R. E. College in 1960 with joint venture of Government of India and Government of West Bengal. It ultimately became National Institute of Technology Durgapur through its transition state of Deemed University.

About the Department

The Department of Chemistry, one of the oldest by DST-FIST sponsored departments of NIT Durgapur. It offers 2 years M.Sc. and 5 years Integrated M.Sc. in Chemistry. Department has a rich heritage of inspiring teaching and research in the frontiers of chemistry, implementing high valued externally sponsored projects, publication in internationally acclaimed journals, guiding Ph. D students which reflects its brilliance in academia and research. Organizing seminars and workshops is among the regular activities of the department.

'Abstract' for oral/poster presentation are invited from Faculty members and research scholars in three parallel sessions for 10+2 and 5 mins respectively.

Organizing Committee

Patron: Prof. Anupam Basu, Director, NIT Durgapur

Chairman: Prof. Rajnarayan Saha, HOD, Chemistry

Secretary: Prof. Sankar Ch. Moi; Dr. Subhas Ghosal ;

Dr. Deb Ranjan Banerjee

Convenor: Dr. U. Adhikari and Dr. Tanmoy Kumar Saha

Treasurer: Dr. U. Adhikari and Dr. Tanmoy Kumar Saha

Members: Prof. Dipankar Sukul, Prof. Apurba Patra, Prof. Milan Maji, Dr. Jitamanu Chakrabarty and Dr. Sujit Sankar Panja

Local advisory committee: Prof. A. K. Meikap (Dean R&C); Prof. I. Basak (Dean Academic); Prof. S. S. Thakur, (Dean F&W); Prof. B. Halder, (Dean SW); Mr. U. Mukherjee (Jt Registrar F&A); Mr. A. Das (Audit Officer); Mr. A. Kumar (Jt. Reg. Est).

Invited Speakers/ Session Chairs:

1. Prof. Jean-Marie Lehn, (Nobel Laureate-1987), ISIS, Université de Strasbourg, France
2. Uni. Professor Wolfgang Linert, Vienna University of Technology, Austria, Europe
3. Prof. Tadhg P. Begley, Texas A& M University, USA
4. Prof. R. N. Mukherjee, IIT Kanpur, India
5. Prof. A. Basak, IIT Kharagpur, India
6. Prof. T. Pradeep, (Bhatnagar and Padma Shri awardee), IIT Madras, India.
7. Prof. S. Bhattacharya, (Bhatnagar Awardee), Jadavpur University, Kolkata, India
8. Prof. P. S. Mukherjee, (Bhatnagar awardee), IISc Bangalore, India
9. Sr. Prof. S. K. Pal, S N Bose National Centre for Basic Sciences, Kolkata, India
10. Prof. Sanku Mallik, North Dakota State University, Fargo, USA
11. Prof. Anindya Datta, Senior Professor, IIT Bombay, India
12. Prof. Bansidhar Datta, Kent State University, USA
13. Prof. Pradyut Ghosh, IACS, Kolkata, India
14. Dr. Rudra Palash Mukherjee, Sr. Scientist, Pfizer, USA
15. Prof. Rahul Banerjee, (Bhatnagar Awardee), IISER Kolkata, India
16. Prof. Debabrata Maiti, IIT Bombay, India
17. Prof. Sankar Ch. Moi, Professor, NIT Durgapur, India.

Registration

Online registration form will be available as Google Form (<https://forms.gle/rPEyM1wQTfpKPWHL6>) in Institute website (nitdgp.ac.in).

The registration fee is to be paid through RTGS/NEFT or direct fund transfer / demand draft in favor of "CEP NIT Durgapur", payable in SBI, RE College, Durgapur; A/C No: 37850318679 (IFSC: SBIN0002108).

Registration fees

Faculty members: Rs. 325.00

Research scholars: Rs. 225.00

Students (both UG & PG): Rs. 175.00

Industrial delegates: Rs. 1250.00

Foreign faculty members: 40 USD

Foreign delegates (Research scholars and students): 20 USD

Address for Correspondence:

E. mail: rdc_2021@ch.nitdgp.ac.in

Phone No: +919434788063/9434788062/
9434789017/9434789048



Important Dates

Last date of Abstract submission: 28th February'2021

Last date of Registration: 3rd March 2021

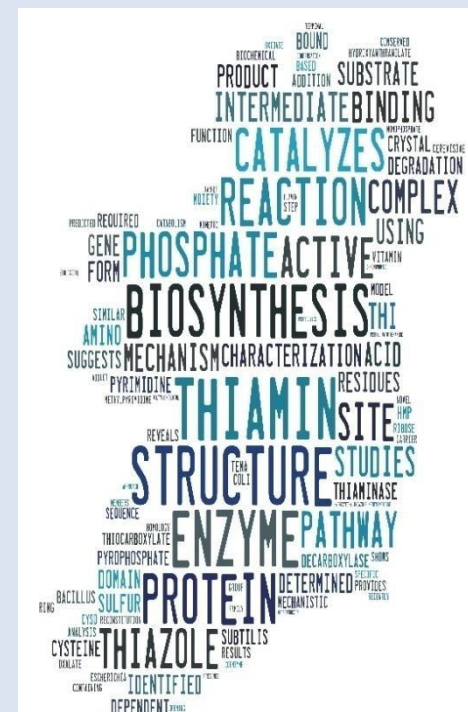
Aim and Theme of RDC-2021

The aim of the three days' International Conference (RDC-2021) is to bring together eminent scientists, internationally well-known Professors and Academicians on a common platform for the interest and benefit of students, research scholars and consultants in general and the society as a whole. The main focus of the conference is to get an insight into the latest developments in multidimensional areas of chemistry. The distinguished Professors from premier level institutes abroad and in India have agreed to share their exciting findings of recent times from their research works and we are immensely grateful to them. The topics for various discussions will be based on recently emerging fields along with the basic core areas of chemistry which will be appealing to students and research scholars from different academic backgrounds. Therefore, this conference will enrich the interdisciplinary knowledge in the Scientific community about the modern advancements in the domain of chemistry. After the grand success of the previous series of RDC conferences, we expect to rise above the previous milestones with special erudite lecture of **Prof. Jean-Marie Lehn (Nobel Laureate-1987)**, on his supra-molecular chemistry.

Sub-Theme of RDC-2021

- Supra-molecular Chemistry
- Analytical Chemistry
- Drug design and Drug discovery
- Biochemistry and Biotechnology
- Chemical Kinetics and Catalysis
- Nano-Materials and its Applications
- Computational Chemistry
- Environmental and Polymer Chemistry

- Material Science and Functional Materials
- Natural Products and Synthetic Organic Chemistry
- Corrosion Science and Technology
- Spectroscopy and Photochemistry
- Thermodynamics and Electrochemistry
- Sensing and Bio-sensing



“Science has nothing to do with dogma. Science ceases to exist when there is a dogma”- Prof. John-Marie Lehn

Programme Schedule for Three Days International Conference (Online mode) on RDC-2021, Organized by Department of Chemistry, NIT Durgapur, India

Date	9:00- 9:45 AM-	9:45-10:35 AM	10:35-10:45 AM	10:45 - 11:35 AM	11:35 - 12:25 PM	12:25-1:25 PM	1:30-2:20 PM	2:25-3:25 PM	3:25-4:00 PM	4:00-5:00 PM	5:15-6:15 PM	6.30-7.00 PM
	Session I			Session II			Session III		Session IV			
	Inauguration programme	Plenary talk	Tea break			Lunch break			Tea break			Students oral session (parallel)
3/3/2021 (Day 1)		Prof. P. Ghosh	..... .....	Prof. S. C. Moi	Prof. D. Maiti	Poster Session	Prof. R Banerjee	3 x Oral Presentation (Slot 1)	Poster Session	3 x Oral Presentation (Slot 2)	3 x Oral Presentation (Slot 3)	
4/3/2021 (Day 2)	Prof. Sanku Mallik	Prof. Tadhg P. Begley	..... ...	Prof. T. Pradeep	Prof. P.S. Mukherjee	Poster Session	Prof. S. K. Pal	3 x Oral Presentation (Slot 4)	Poster Session	3 x Oral Presentation (Slot 5)	3 x Oral Presentation (Slot 6)	
5/3/2021 (Day 3)	Dr. R. P. Mukherjee	Prof. Bansidhar Datta	..... .....	Prof. Anindya Datta	Prof. S. Bhattacharya	Poster Session	3 x Oral Presentation (Slot 7)	3 x Oral Presentation (Slot 8)	Poster Session	Prof. Jean-Marie Lehn	Valedictory session from 5:30 pm	

1. Prof. Jean- Marie Lehn, Father of supramolecular chemistry (Nobel Laureate-1987), ISIS, Université de Strasbourg, France
2. Prof. T. Pradeep, (Bhatnagar awardee); Padma Shri), IIT Madras, India.
3. Prof. R. N. Mukherjee, IIT Kanpur, India
4. Prof. A. K. Basak, IIT KGP, India
5. Uni. Professor Wolfgang Linert, (for session chair) Vienna University of Technology, Vienna, Austria, Europe
6. Prof. Tadhg P. Begley, Texas A & M University, USA
7. Prof. Samaresh Bhattacharya, (Bhatnagar awardee) Jadavpur, University, Kolkata, India
8. Prof. Samir Kumar Pal, Sr. Professor, S N Bose National Centre for Basic Sciences, Kolkata, India
9. Prof. P. S. Mukherjee, (Bhatnagar awardee), IIT Sc, Bangalore, India
10. Prof. Sanku Mallik, North Dakota State University, Fargo, USA
11. Prof. Pradyut Ghosh, (Bhatnagar awardee), IACS, Kolkata-700032, India
12. Prof. Bansidhar Datta, Kent State University, USA
13. Prof. Anindya Datta, Senior Professor, IIT Bombay, India
14. Prof. Rahul Banerjee, (Bhatnagar awardee), IISER Kolkata, India
15. Prof. Debabrata Maiti, IIT Bombay, India
16. Prof. Sankar Ch. Moi, Professor, NIT Durgapur, India
17. Dr. Rudra Palash Mukherjee, Sr. Scientist, Pfizer, USA

***All times are in IST (Indian Standard Time)**

Oral Presentation (Slot 1)	Dr. Srabani Taraphder (IIT Kharagpur) (Day 1, 2.25-2.45 pm)	Dr. Rajesh K. Murarka (IISER Bhopal) (Day 1, 2.45-3.05 pm)	Dr. S Pan (IIT Guwahati) (Day 1, 3.05-3.25 pm)
Oral Presentation (Slot 2)	Dr Joyanta Choudhury (IISER Bhopal) (Day 1, 4.00-4.20 pm)	Empty Slot (Day 1, 4.20-4.40 pm)	Dr. Sounak Roy BITS Pilani Hyderabad (Day 1, 4.40-5.00 pm)
Oral Presentation (Slot 3)	Dr. Debashis Haldar (IISER Kolkata) (Day 1, 5.15-5.35 pm)	Dr. Santanu Panda (IIT Kharagpur) (Day 1, 5.35-5.55 pm)	Dr Charles Deckard (TAMU, USA) (Day 1, 5.55-6.15 pm)
Oral Presentation (Slot 4)	Dr. Rabindra Kumar Behera (NIT Rourkela) (Day 2, 2.25-2.45 pm)	Dr. Nilkamal Mahanta (IIT Dharwad) (Day 2, 2.45-3.05 pm)	Dr. Biplab Maji (IISER Kolkata) (Day 2, 3.05-3.25 pm)
Oral Presentation (Slot 5)	Dr. Chandan K. Jana (IIT Guwahati) (Day 2, 4.00-4.20 pm)	Dr. Swati Dey (Kalyani University) (Day 2, 4.20-4.40 pm)	Dr. Mainak Banerjee (BITS Pilani Goa) (Day 2, 4.40-5.00 pm)
Oral Presentation (Slot 6)	Dr Abhijit Patra (IISER Bhopal) (Day 2, 5.15-5.35 pm)	Dr. Narendra Nath Ghosh (BITS Pilani Goa) (Day 2, 5.35-5.55 pm)	Dr. Soumik Siddhanta (IIT Delhi) (Day 2, 5.55-6.15 pm)
Oral Presentation (Slot 7)	Dr Jubaraj Bikash Baruah (IIT Guwahati) (Day 3, 1.30-1.50 pm)	Dr. Iti Gupta (IIT Gandhinagar) (Day 3, 1.50-2.10 pm)	Dr. Amrita Chakraborty (BITS Pilani, Pilani) (Day 3, 2.10-2.30 pm)
Oral Presentation (Slot 8)	Dr. Md Mehboob Alam (IIT Bhilai) (Day 3, 2.30-2.50 pm)	Dr P C Sarma (Cotton University, Assam) (Day 3, 2.50-3.10 pm)	Prof. Chayan K. Nandi (IIT Mandi) (Day 3, 3.10-3.30 pm)