

Science Academies' Lecture Workshop entitled '*Frontiers of Chemistry: Fundamentals and Applications*' (Sponsored and supported by Indian Academy of Sciences, Indian National Science Academy, The National Academy of Sciences and organized by The Dept. of Chemistry, Bejoy Narayan Mahavidyalaya)

Total Participants = 153 (in three days)

Convener: Prof. P.K. Chattaraj (FNA, FTWAS, J.C.Bose National Fellow, IIT Kharagpur)

Local Coordinator: Dr. Kartick Gupta (Dept. of Chemistry, Bejoy Narayan Mahavidyalaya)

Speakers: Prof. P.K. Chattaraj (FNA, FTWAS, J.C.Bose National Fellow, IIT Kharagpur)

Prof. B.C. Ranu (FASc, FNA, INSA Senior Scientist, Indian Association for the Cultivation of Science, Kolkata)

Prof. Samaresh Bhattacharya (S.S. Bhatnagar prize winner, FASc, Jadavpur University)

Prof. Swagata Dasgupta (Member of NASI, IIT Kharagpur)

Prof. Anirban Mishra (IBM-Lowdin Fellow, North Bengal University)

Prof. Tapankanti Pyne (INSA for Young Scientist, AVRA Young Scientist, Indian Association for the Cultivation of Science, Kolkata)

Date: 6.12.2017 - 08.12.2017

The Lecture workshop, funded by INSA, NASI and Indian Academy of Sciences brought some of the leading scientists together in our college. Faculty members and students from various colleges participated in the three-day long workshop. The topics included Coordination Chemistry, Biochemistry, Green Chemistry among others.

Programme of Lecture Workshop

Date: December 6, 2017

Time	Programme
9.30 am-10.30 am	Inaugural Programme
10.30 am-10.45 am	Tea
10.45 am-12.00 noon	PKC (Lect-1)
12.00 noon-1.15 pm	BCR (Lect-1)
1.15 pm-2.15pm	Lunch Break
2.15 pm-3.30 pm	PKC (Lect-2)
3.30 pm-3.45 pm	Tea
3.45 pm-5.00 pm	BCR (Lect-2)

Date: December 7, 2017

Time	Programme
10.00 am-11.15 am	SDG (Lect-1)
11.15 am-11.45am	Tea
11.45 am-1.00 pm	SB (Lect-1)
1.00 pm-3.15 pm	Lunch & Poster Session
3.15 pm-4.30 pm	SDG (Lect-2)
4.30 pm-4.45 pm	Tea
4.45 pm-6.00 pm	SB(Lect-2)

Date: December 8, 2017

Time	Programme
10.00 am-11.15 am	AM(Lect-1)
11.15 am-11.45 am	Tea
11.45 am-1.00 pm	TKPI(Lect-1)
1.00 pm-3.15 pm	Lunch & Poster Session
3.15 pm-4.30 pm	TKPI(Lect-2)
4.30 pm-4.45pm	Tea
4.45 pm-6.00 pm	AM (Lect-2)



Indian Academy of Sciences,
Bangalore



Indian National Science
Academy, New Delhi



The National Academy of
Sciences (India), Allahabad

Science Academies' Lecture Workshop

ON

Frontiers in Chemistry: Fundamentals and Applications

(Sponsored and supported by the three National Science Academies:
Indian Academy of Sciences, Bangalore;
Indian National Science Academy, New Delhi;
The National Academy of Sciences (India), Allahabad)

Organized by
Department of Chemistry



Bejoy Narayan Mahavidyalaya

Itachuna, Dist-Hooghly Pin-712147, WB

during December 6-8, 2017

Sl. No.	Resource Persons	Lecture Topics
1.	Prof. P. K. Chattaraj, FNA, FTWAS, J. C Bose National Fellow, Indian Institute of Technology, Kharagpur (Convener of the Lecture Workshop)	Lect-1: All-metal Aromaticity & Conceptual DFT Lect-2: Fluxionality in Boron Clusters
2.	Prof. B. C. Ranu, FASc, FNA, INSA Senior Scientist, Indian Association for the Cultivation of Science, Kolkata	Lect-1: Green Catalysis in Chemical Processes Lect-2: Green Tools for Organic Transformation
3.	Prof. Samaresh Bhattacharya, S. S. Bhatnagar Prize Winner, FASc, Jadavpur University, Kolkata	Lect-1: Coordination Chemistry: Concept and Application Lect-2: Organometallic Complexes: Formation and Reactivity
4.	Prof. Swagata Dasgupta, Member, NASI, Indian Institute of Technology, Kharagpur	Lect-1: Basics of Biochemistry Lect-2: Research in Protein Chemistry
5.	Prof. Anirban Misra, IBM-Lowdin Fellowship, North Bengal University, Siliguri	Lect-1: Thermodynamics of Non-Equilibrium Processes Lect-2: Quantum Magnets
6.	Prof. TapanKanti Paine, INSA for Young Scientist and AVRA Young Scientist Award, Indian Association for the Cultivation of Science, Jadavpur, Kolkata	Lect-1: Alfred Werner: Founder of Coordination Chemistry Lect-2: Metals in Biology

Dear Madam/Sir,
Greetings!

Realizing the necessity to enliven education in chemistry, the Department of Chemistry, Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly is organizing a three-day Lecture Workshop on "Frontiers in Chemistry: Fundamentals and Applications" sponsored and supported by the three National Science Academies for undergraduates / postgraduate students and teachers from nearby colleges and universities. It is our pleasure to invite the students of Chemistry (Hons./ PG/ Research Scholar) alongwith teachers from your college / university to participate in this Lecture Workshop and get benefitted from the same. We look forward to having your cooperation for a fruitful workshop.

Kindly send the names of ten (maximum) genuinely interested students (with Roll No., Year) / teachers (with Designation) of Chemistry approved by the Head of the Institution (for College) / Department (for University) to the Coordinator (Dr. Kartick Gupta, e-mail: kartick.gupta@rediffmail.com, Mobile No. 8962226245, 8240115796) by e-mail (scanned copy of the signed letter on letterhead) / letter on or before November 24, 2017. The hard copy of the letter is to be submitted prior to the registration. The students are to produce valid identity cards before registration.

Sd /-
Dr. Kartick Gupta
Local Coordinator
& Associate Professor

Sd /-
Prof. P. K. Chattaraj
Convener
FNA, FTWAS, J. C Bose National Fellow
IIT Kharagpur, Kharagpur

N.B.:

- The participants especially research scholars and teachers are encouraged to present posters. They are to submit the abstract in the format of JPCA (ACS) without Figures / Images.
- Please note that there is no registration fee for participation. Lunch and refreshments will be provided to all the participants.
- No. of participants are limited. Delayed intimation may not be considered for registration.



