

Department of Chemistry

Activity Report of CHeMoNaTiON-1

Part I

December 23, 2016

Student seminar:

Name of the Students: [Link](#)

Topics: [Link](#)

Date: 23/12/2016 Time: 11 p.m. to 3 p.m.

Venue: Chemistry Gallery

Number of participants: 82

Summary: The Seminar started with the inaugural lecture by our Principal, Dr. Indranil Kar, followed by the ppt presentations of the second year students. The presenters even answered all the questions raised by their fellow participants and the faculty members present at the gallery in the question-answer session.

Photo: [Link](#)

Part II

January 20, 2017

Invited Lecture on Quantum Chemistry and Thermodynamics

Time: 11 a.m. to 3 p.m.

Venue: Chemistry Gallery

Invited Speaker: Dr. Priyatosh Dutta

Associate Professor, Ananda Mohan College, Kolkata

Number of participants: 61, [Link](#)

Summary: The Seminar started with the inaugural speech delivered by our Principal, Dr. Indranil Kar, followed by the speaker's introduction. The lecture was attended by all our departmental Students and teachers. The esteemed speaker, Prof. Priyatosh Dutta delivered his Lecture on

“Quantum Chemistry and Thermodynamics.” We must mention our deep sense of appreciation for Dr. Priyatosh Dutta, for his explanation, discussion, and for giving excellent coverage to his speech idea. He even answered all the questions raised by the students very lucidly in the question-answer session and promised to do the needful in guiding them in future, as and when needed. The speaker was then formally given the vote of thanks by the departmental head. Very good feedback came from our students. All our students appreciated and benefited from the speaker's deliberation.

Photo: [Link](#)

Seminar Topics-CHeMoNaTiON-1

Third year student's seminar

Group A

Title of the talk: REDOX

Name of the participants

- i) Suman Giri
- ii) Palash Samanta
- iii) Avijit Palsa
- iv) Arijit Mondal
- v) Sanjib Kalsa

Group B

Title of the talk: Electrochemical Cell

Name of the participants

- i) Mononita Das
- ii) Sangita Palit
- iii) Ujjal Bera
- iv) Md. Masud Shaikh
- v) Sk. Mustaq Murshed
- vi) Sk. Mahidul Alam
- vii) Atanu Das
- viii) Kingshuk Biswas

Group C

Title of the talk: Redox

Name of the participants

- i) Sampad Paul
- ii) Baban Das

iii) Sougata Sadhukhan

iv) Anuradha Biswas

Group D

Title of the talk: Reverse Osmosis Technology

Name of the participants

i) Anirban Karmakar

ii) Sourav Dey

iii) Nurul Hasan Mondal

iv) Rohit Bhattacharya

v) Ananya Mondal

vi) Obaidur Rahman(absent)

vii) Supriya Sinha (absent)

Group E

Title of the talk: Metallic Bonding

Name of the participants

i) Om Prakash

ii) Kalyan Roy

iii) Anupam Gayen (Good Presentation)

iv) Alamgir Sekh

Group F

Title of the talk: Mechanical function of a heat pump

Name of the participants

i) Ipsita Bose

ii) Arkapravo Kundu

Fundamental Science (Good attempt)

iii) Naurin Shahanaz

iv) Upali Kundu

v) Sumankoley

vi) Sujoy Ghosh (absent)

Group G

Title of the talk: Coordination Chemistry

Name of the participants

i) Monirah Khanam

ii) Shaona Chatterjee

iii) Suraj Pahar

iv) Sagar Singh

v) Amit Mondal (absent)

vi) Adarsh Mandal (absent)

vii) Sucheta Mandal (absent)

viii) Tuhana (absent)

Group H

Title of the talk: Compton Scattering

Name of the participants

i) Anupriya Bera

ii) Mirajul Mondal

iii) Souparna Rudra (Intellectual Presentation)

iv) Debasis Jana

Shahidul Islam

Second year student's seminar

Group A

Title of the talk: Carbene

Name of the students

- i) Rohan Chakraborty
- ii) Debaditya Mukherjee
- iii) Sujoy Chandra

Group B

Title of the talk: In hunt of energy (Fusion reaction)

Name of the students

Debaditya Mukherjee

Group C

Title of the talk: Stereochemistry

Name of the student

Himon Sen

Notice

Department of Chemistry

20.12.2016

There will be a departmental Student Seminar on 23.12.2016 (Friday) from 11 a.m. to 2 p.m. and an invited talk on 20.01.2017 (Friday) from 2 p.m. to 4 p.m. at Chemistry gallery. Students of all years of chemistry department are hereby directed to attend those seminars positively. The chemistry gallery will be unavailable for any other purpose during the above mentioned tenure of both the days. We are sorry for the inconvenience created.

Schatterjees
20/12/2016

St. Seminar Date: 23.12.16

Invited talk Date: 20.1.17

<u>Name</u>	<u>Year (I/II)</u>	<u>Topic Delivered</u>
1. Debaditya Mukherjee	Year-II (H)	Thermodynamics
2. Joy Sarkar	Year-II (H)	Thermodynamics
3. Santana Chakraborty	Year-I (H)	Astrochemistry
4. Tinku Das	Year-I (H)	Astrochemistry
5. Ipsita Ghosh	Year-I (H)	Astrochemistry
6. Eesha Sinha	Year-I (H)	Astrochemistry
7. Swarnali Maji	Year-I (H)	Astrochemistry
8. Soumya Chatterjee	Year-I (H)	Astrochemistry
9. Utsav Das	I	Astro-chemistry
10. Sayani Nandi	Year-I (H)	Quantum Mechanics
11. Mou Paul	Year-I (H)	Quantum mechanics
12. Debanjana Sarker	Year-I (H)	Quantum mechanics
13. Trina Dasgupta	Year-I (H)	Quantum mechanics
14. Riya Kanati	Year-II (H)	-
15. Rabiul Kabir	Year-II (H)	-
16. Md. Tony SK	Year-II (H)	-
17. Bibek Ghosh	Year-II (H)	-
18. Rohan Chakraborty	Year-II (H)	-
19. Sonaldeep Holder	Year-II (H)	-
20. Bijoy Das	Year-I (H)	-
21. Asit Das	Year-I (H)	-
22. Nilesh Sarkar	Year-I (H)	-
23. Nalid Mondal	Year-I (H)	-
24.		

Name	year(I/II)	Topic Delivered
(24) Abdullahi Kafi	year I (H)	Quantum Mechanics
(25) Parul Singh	year I (H)	—
(26) Asik Mondal	Year (II) (H)	—
(27) Subhrajyoti Phara	Year (I) (H)	Astrochemistry
(28) Subhajit Chatterjee	Year (I) (H)	Astrochemistry
(29) Anghyadeep Datta	Year (II) (H)	} → Lithium Ion Battery
(30) Arkapravo Kundu	Year (II) (H)	
(31) Ayan Maity	Year I (H)	Quantum Mechanics
(32) Soumen Maity	Year II (H)	—
(33) Kalyan Roy	Year II (H)	—
(34) Tuhin Naskar	Year II (H)	—
(35) Soumen Mondal	Year II (H)	—
(36) Abhijit Basak	Year II (H)	—
(37) Pijush Pahari	Year (I)	—
(38) Upasana Sen	Year (I) (H)	quantum mechanics
(39) Md. Firoj	1st (H)	—
(40) Injamamul Hoque	year (I) (H)	—
(41) Soumya Kemti Mondal	Year (I) (H)	Radioactivity
(42) Subhanay Raha	Year (1st) (H)	x
(43) Subhoday Palai	1st Year (H)	Radioactivity
(44) Amit Dyuti Paul	1st Year (H)	Radioactivity
(45) Rojeesh Mondal	1st year (H)	Radioactivity
(46) Samrat Biswas	1st year (H)	Radioactivity
(47) Tirtha Chakrabarti	1st year (H)	Radioactivity
(48) Muddassir Rhammad	1st year (H)	—
(49) Ronit Roy	1st year (H)	Quantum Mechanics
(50) Sohail Ahmed	1st year (H)	—
(51) Sayan Pramanick	1st yr (H)	Quantum mechanics (Black body and black hole radiation)