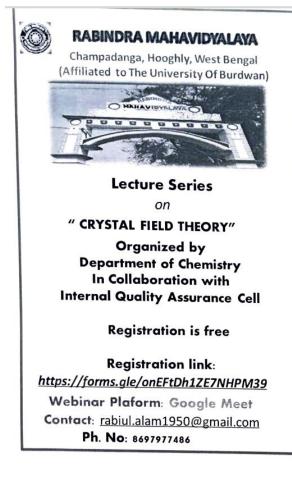
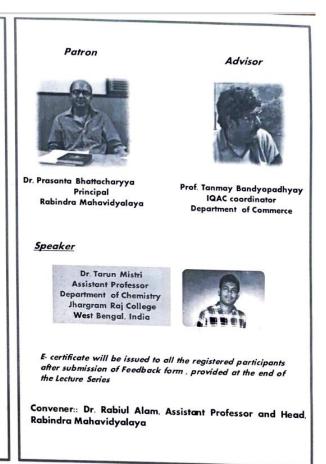
Lecture Series on crystal Field Theory 17/08/2020-20/08/2020





Programme Objective:

Theme: Lecture Series on Crystal Field Theory

Platform: Online

Date: 17/08/2020, 18/08/2020, 20/08/2020

Organizer: Department of Chemistry

Speaker: Dr. Tarun Mistri (Jhargram Raj College)

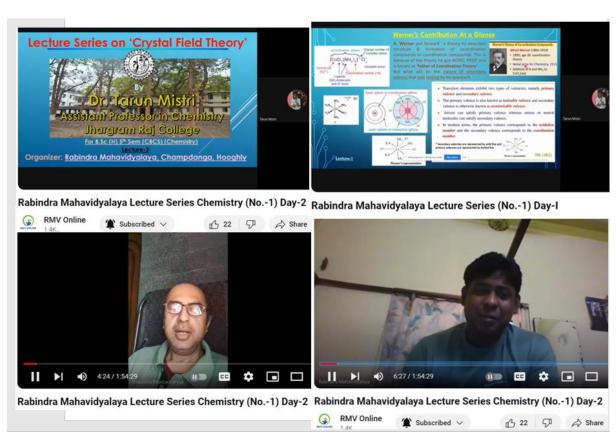
Audience: Students of Semester III and V (Hons.)

Objectives:

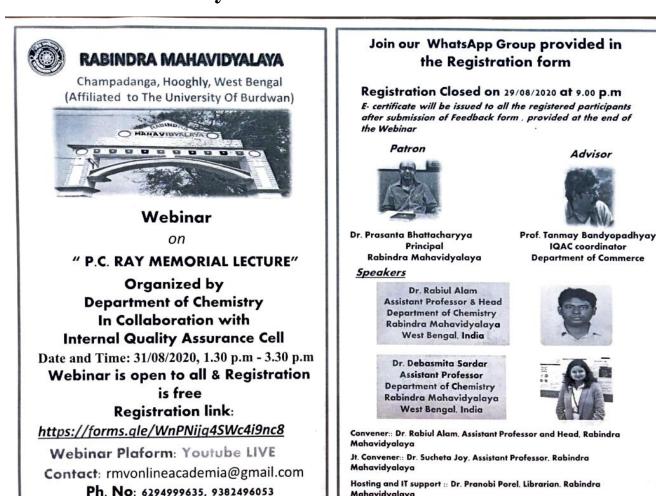
- To make aware of current student about basic and modern research on CFT
- To encourage students to share their passion for science with an insight into modern research in a fundamental sense
- To explain the concept of the breaking of orbital degeneracy in transition metal complexes due to the presence of ligands. CFT also describes the strength of the metal-ligand bonds.

Report

Department of Chemistry of Rabindra Mahavidyalaya organized 3 days Lecture Series on Crystal Field Theory. The seminar was focused on the concept of the breaking of orbital degeneracy in transition metal complexes due to the presence of ligands. CFT also describes the strength of the metal-ligand bonds. CFT is based on the idea that when transition metals form complexes, the ligands interact with the metal's d orbitals. The seminar, hosted by Dr. Rabiul Alam (Departmental Faculty), began with the introductory speech given by resected Principal Dr. Prasanta Bhattacharyya and IQAC coordinator Prof. Tanmay Bandyopadhyay of the institution. Then Dr. Rabiul Alam gave a basic overview on recent advances in Crystal Field Theory. Dr. Tarun Mistri faculty of Department of Chemistry of Jhargram Raj College gave insightful lecture on crystal field theory. The session was very interactive where students have been quite enthusiastic, and all of their queries have been satisfactorily answered. 7 teachers (including Principal Sir, IQAC coordinator) and 2 non-teaching staffs were present in the seminar. Total 57 students were present. The seminar ended with vote of thanks by Dr. Rabiul Alam.



P.C Roy Seminar on 31-08-2020



Programme Objective:

Theme: To commemorate the birth anniversary of "the father of Indian chemistry" Sir Acharya Prafulla Chandra Ray who was a pioneer and figurehead of modern chemical research in India. He was remarkable scientist, literary figure, professor, industrialist, philanthropist and much more.

Mahavidyalaya

Platform: Online

Date: 31-08-2020

Organizer: Department of Chemistry

Inauguration: Dr. Sucheta Joy, HOD of Department of Chemistry, Rabindra Mahavidyalaya

Inauguration Speech: Dr. Prasanta Bhattacharyya, Principal, Rabindra Mahavidyalaya

1st Speaker:Dr. Rabiul Alam (Assistant Professor, Department of Chemistry, Rabindra Mahavidyalaya)

Topic: P. C. Roy Memorial Lecture

2nd Speaker: Dr. Debasmita Sardar (Assistant Professor, Department of Chemistry, Rabindra Mahavidyalaya)

Topic: "Synthesis, Structural Elucidation and Potential Applications of Nanoparticles and Hybrids"

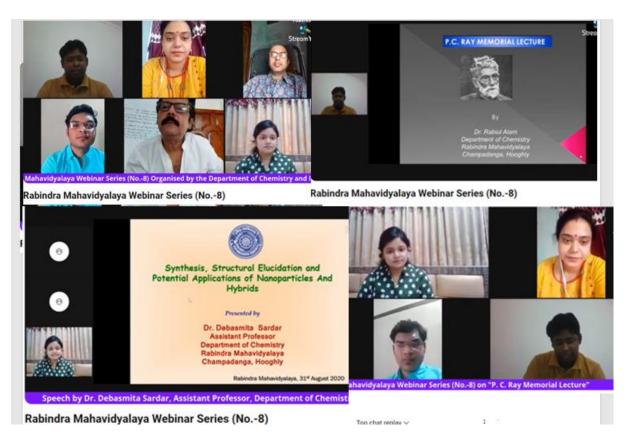
Audience: Students of Semester III and V (Hons.)

Objectives:

- To make aware of current student about life of Acharya Prafulla Chandra Ray and modern research on Nanoscience and Nanotechnology
- A rise in students' self-assurance and intelligence
- To encourage students to share their passion for science with an insight into modern research in a fundamental sense
- To explain the concept of Nanoscience which is the study of matter and processes at the nanoscale. It's a combination of physics, materials science, and biology, and it involves manipulating materials at the atomic and molecular scales

Report

Department of Chemistry of Rabindra Mahavidyalaya organized a one-day webinar to commemorate birth anniversary of "the father of Indian chemistry" Sir Acharya Prafulla Chandra Ray on 31stAugust, 2020 via online mode. Dr. Sucheta Joy, welcomed everyone and gave opening remarks then the webinar began with the introductory speech given by respected Principal Dr. Prasanta Bhattacharyya of the institution. The technical session of the webinar was divided into 2 talks and was chaired by the head of the department Dr. Sucheta Joy. 1st talk, delivered by Dr. Rabiul Alam, paid homage to the legendary scientist and humanist, pioneer of Indian science, Acharya Prafulla Chandra Ray. The 2ndtalk, delivered by Dr. Debasmita Sardar on synthesis, structural elucidation and potential applications of nanoparticles and hybrids. The question-answer session was very interactive where students have been quite enthusiastic, and all of their queries have been satisfactorily answered. 6 teachers (including Principal Sir) were present in the seminar. Total 107 students and 2 non-teaching staffs were present. The seminar ended with vote of thanks by Dr. Sucheta Joy.





Rabindra Mahavidyalaya Webinar Series (No.-8)

















JAYANTI DAS very informative..thank u madam..

Departmental Quiz & Cultural Program on 05-09-2020 Notice

DEPARTMENT OF CHEMISTRY

RABINDRA MAHAVIDYALAYA, CHAMPADANGA, HOOGHLY

Dated: 02/09/2020

NOTICE

It is hereby informed that "The Teacher's Day" celebration will be held on 05/09/2020 via G-meet platform from 02:00 p.m. to 04:00 p.m. along with a Departmental Quiz Competition to celebrate the birth anniversary of **Dr.** Sarvepalli Radhakrishnan on the same day via G-meet platform from 02:00 p.m. to 04:00 p.m. All the students and teachers of the Department of Chemistry are instructed to participate in both programmes on that day.

Rabiul Alam 2/9/2020

Dr. Rabiul Alam

(HOD, Chemistry)

Dr. Prasanta Bhattacharyya

(Principal)

Report

To acknowledge the contribution of teachers, the students of department of chemistry prepared a special assembly on September 5. They shared an invigorating "thought of the day" and paid their homage to former Indian president Dr Sarvepalli Radhakrishnan, on whose birthday Teacher's Day is celebrated. The assembly commenced with a harmonious chorus song by students. Department of Chemistry of Rabindra Mahavidyalaya organized Quiz competition and Cultural program to commemorate birth anniversary of Dr. Sarvepalli Radhakrishnanon 5th September, 2020. Teachers' day celebration program hosted by Sem-III Hons. Students via G-meet, began with the introductory speech given by respected Principal Dr. Prasanta Bhattacharyya of the institution. The Quiz competition session was hosted by Dr. Sucheta Joy and Dr. Rabiul Alam. Then Dr. Debasmita Sardar, Mr. Tanmoy Pandit and Mrs. Subhra Dholey monitored the whole session. The students performed various cultural activities like dance, song, recitation etc. A student of sem V also delivered a beautiful speech, reflecting on the value of teachers in their life. All the teachers, along with the principal, appreciated the performances of the students. The quiz session was very interactive where students have been quite enthusiastic. 6 teachers (including Principal Sir) were present in the seminar. Total 31 students including 20 male student and 11 female students and 2 non-teaching staffs were present. The seminar ended with vote of thanks by Dr. Rabiul Alam.

Programme Schedule

Theme: To commemorate the birth anniversary of **Dr. Sarvepalli Radhakrishnan**- Teacher's Day celebration

Venue: G-meet Platform

Date: 5th September, 2020

Time: 2.00 p.m. - 4.00 p.m.

Inauguration: Dr. Rabiul Alam, HOD of Department of Chemistry

Inauguration Speech: Dr. Prasanta Bhattacharyya, Principal

Technical Session: Quiz competition and Cultural program

Conducted by: Dr. Rabiul Alam (Assistant Professor, Rabindra Mahavidyalaya), Dr. Sucheta Joy

(Assistant Professor, Rabindra Mahavidyalaya)

Vote of Thanks: Dr. Rabiul Alam, (Assistant Professor, Rabindra Mahavidyalaya)

Question-Samples of Quiz Competition

- প্র: ক্যানসার নির্ণয় করার পদ্ধতির নাম কী?
- উ: বায়োপসি।
- প্র: লিউকোমিয়ার প্রধান উপসর্গ কী?
- উ: রক্তে শ্বেত রক্তকণিকার সংখ্যা অস্বাভাবিকভাবে বৃদ্ধি ঘটা।
- প্র: প্রাপ্ত বয়স্ক সুস্থ মানুষের রক্তচাপ কত?
- উ: সংকোচী ও প্রসারী রক্তচাপ যথাক্রমে ১২০ মিলিমিটার ও ৮০ মিলি পারদ চাপের সমান।
- প্র: রক্তচাপ পরিমাপকারী যন্ত্রটির নাম কী?
- উ: স্পিগমোম্যানোমিটার (Sphygmomanometer)।
- প্র: মানুষের দেহে মোট অস্থি সংখ্যা কত?
- উ: ২০৬টি।
- প্র: মানুষের দেহে মোট পেশি সংখ্যা কত?
- । যি৫৩৬ : छ

- প্র: পশ্চিমবঙ্গের প্রবেশ দ্বার (Coridor) কোন জেলাকে বলা হয়?
- **উ:** উত্তর দিনাজপুর জেলাকে।
 - প্র: পশ্চিমবঙ্গের প্রধান বিচারালয় কোনটি?
 - উ: কলকাতায় অবস্থিত হাইকোর্ট।
 - প্র: পশ্চিমবঙ্গের শিল্প নগরী কোনটি?
 - উ: হাওডা।

প্র

উ

- প্র: উত্তর-পূর্ব ভারতের প্রবেশদার কোন শহরকে বলা হয়?
- উ: শিলিগুড়িকে।
 - প্র: বাংলার রূপকার কাকে বলা হয়?
 - উ: ডা: বিধানচন্দ্র রায়কে

- প্র: পশ্চিমবঙ্গের সবচেয়ে বড় সীমান্ত কোন্ দিকে?
- উ: পূর্বদিকে অর্থাৎ বাংলাদেশের দিকে।
 - প্র: পশ্চিমবঙ্গের দক্ষিণে কোন্ সাগর আছে?
 - উ: বঙ্গোপসাগর।
 - প্র: মামা-ভাগ্নে পাহাড় কোথায় অবস্থিত?
 - উ: বীরভূমে।
 - প্র: পুরুলিয়ায় জেলায় কোন্ পাহাড় অবস্থিত?
 - উ: অযোধ্যা পাহাড়।
 - প্র: শুশুনিয়া ও বিহারীনাথ পাহাড় পশ্চিমবঙ্গের কোথায় অবস্থিত?
 - উ: বাঁকুড়া জেলায়।

Result of Quiz Competition

Name of the round	Team 1	Team 2
1	4	6

2	14	10
Grand Total	18	16
	WINNER	

Each question carries 4 marks

Bonus question carries 2 marks

Rabine Alam 5/7/20

Quiz Master

Sacheta Jo5/09/2020

HOD