

Departmental Quiz & Cultural Program on 05-09-2021

DEPARTMENT OF CHEMISTRY

RABINDRA MAHAVIDYALAYA, CHAMPADANGA, HOOGHLY

Dated: 03/09/2021

NOTICE

It is hereby informed that "The Teacher's Day" celebration will be held on 05/09/2021 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 03/09/2021

Dr. Rabiul Alam
(HOD, Chemistry)



Principal
Rabindra Mahavidyalaya
Champadanga, Hooghly (W.B.)

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 Radhakrishnan** on 5th September, 2021. Teachers’ day celebration program hosted by sem-V 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. Debasmita Sardar, Dr. Rabiul Alam. Then Dr. Sucheta Joy, 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 25 students including 15 male student and 10 female students and 2 non-teaching staffs were present. The seminar ended with vote of thanks by Dr. Sucheta Joy.

Programme Schedule

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

Venue: G-meet Platform

Date: 05-09-2021

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. Debasmita Sardar (Assistant Professor, Rabindra Mahavidyalaya)

Vote of Thanks: Dr. Sucheta Joy, (Assistant Professor, Rabindra Mahavidyalaya)

Question-Samples of Quiz Competition

বিশ্ববাস্তু
 ১) লেফটেন্যান্ট মনোজোদারো সত্যতার কীর্তি-কবিতা কে আবিস্কার করেছিলেন?
 রাখালদাস বাকলা-স্বামী
 ২) 'লা চোম্যাডিনা' কেসিডোনে কোন দেশে উদ্ভূত হয়?
 স্পেন
 ৩) আম্পম পর্বতমালা কোন মহাদেশে অবস্থিত?
 ইউরোপ
 - ২০+৪ মান
 ৪) বর্তমানে নিকটবর্তী বড় জলি জেলা কোনটি?
 ২৪টি
 ৫) স্বাধীন ভারতের প্রথম গভর্নর জেনারেল কে?
 লর্ড মার্টিয়েজেন
 ৬) দীর্ঘতম বঁরা হীরারূপে কোন নদীর উপর উদ্বৃত্ত-
 মহানদী

১) মানুষের জায়গার সর্বোচ্চ ছোট্ট গ্রাউথ কোনটি?
 বগনের স্টেম বোন
 ২) পুনরুৎপাদিত তেলের বড়তম বার্ষিকী ছিলেন?
 ১৩ তম
 ৩) আজকের
 ৪) গীতাঞ্জলিতে কতগুলি পাতা আছে?
 ১০৪ পাতা
 ৫) পৃথিবীর সর্বোচ্চ বড় পিরামিড কী?
 মিজরের গিরা পিরামিড
 ৬) NASA-র পুরো নাম কী?
 National Aeronautics and space administration
 ৭) কোন দেশের সর্বোচ্চ বড়তম বার্ষিকী?

→ Transition 10/12/15
 ১) $CaCl_2$ জলের সাথে মিশ্রিত হলে কী উৎপন্ন হয়?
 → C_2H_2 (acetylene)
 জাম্বোজামের উপর কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → Oxalic acid উৎপন্ন হয়
 ২) Galena কোন ধাতুর অক্সাইড?
 → Lead
 ৩) মিথেনের সর্বোচ্চ সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → Butane
 ৪) নাইট্রোপেন্টক্সাইড সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → Nitrogen Pentoxide
 ৫) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৬) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৭) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৮) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৯) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ১০) লভন (Lavoisier) কী সত্যতা সত্য হলে কী উৎপন্ন হয়?

10/12/15
 ১) catalytic converter সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → Transition metals
 ২) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → Barium
 ৩) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → a positive helium ion
 ৪) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 Henry Bequerel
 ৫) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 → SO_2 & NO_2 (or CO_2)
 ৬) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৭) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৮) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ৯) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?
 ১০) Ammonia সত্যতা সত্য হলে কী উৎপন্ন হয়?

Result of Quiz Competition

Name of the round	Team 1	Team 2
1	2	0
2	8	12
3	4	8
4	4	4
Grand Total	18	24
		WINNER

Each question carries 4 marks

Bonus question carries 2 marks

Sucheta Joy 05/09/21

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Quiz Master

Rabul Alam 05/09/2021

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HOD

Special Lecture on Graphene 06-08-2021

 <p>RABINDRA MAHAVIDYALAYA Champadanga, Hooghly, West Bengal (Affiliated to The University Of Burdwan)</p>  <p><i>Special lecture on</i> “Study of interactions of biological components with graphene functionalised materials(GFM)s” Organized by Department of Chemistry In Collaboration with IQAC and IT subcommittee Date and Time: 06/08/2021, 2.30 p.m - 4.30 p.m Registration link: https://forms.gle/v4VdxkP7qmBfMnLn6 Youtube LIVE: https://youtu.be/R98sTInAgGU Whatsapplink: https://chat.whatsapp.com/Dlov9Asl1WtCGs9nSsYOsm Contact: rmvonlineacademia@gmail.com</p>	<p>Joining the WhatsApp Group is mandatory Registration Closed on 06/08/2020 at 9.00 a.m E- certificate will be issued to all the registered participants after submission of Feedback form , provided at the end of the Special lecture</p> <table><tr><td><p><i>Principal</i></p><p>Dr. Prasanta Bhattacharyya Principal Rabindra Mahavidyalaya</p></td><td><p><i>IQAC coordinator</i></p><p>Prof. Tanmay Bandyopadhyay IQAC coordinator Department of Commerce</p></td></tr><tr><td><p><i>Speaker</i></p><p>Dr. Siddhartha Pal Assistant Professor in Department of Chemistry Kalna College West Bengal, India</p></td><td></td></tr></table> <p>Convener :: Dr. Rabiul Alam, Assistant Professor and Head, Rabindra Mahavidyalaya Jt. Convener :: Dr. Sucheta Joy, Assistant Professor, Rabindra Mahavidyalaya Organizing Team :: Dr. Debasmita Sardar, Assistant Professor, Rabindra Mahavidyalaya Mr. Tanmoy Pandit, SACT, Rabindra Mahavidyalaya Ms. Subhra Dholey, SACT, Rabindra Mahavidyalaya Hosting :: Dr. Rabiul Alam & Dr. Sucheta Joy IT support :: Dr. Shuvojit Mondal (Jt. Convener, IT Sub-committee)</p>	<p><i>Principal</i></p>  <p>Dr. Prasanta Bhattacharyya Principal Rabindra Mahavidyalaya</p>	<p><i>IQAC coordinator</i></p>  <p>Prof. Tanmay Bandyopadhyay IQAC coordinator Department of Commerce</p>	<p><i>Speaker</i></p>  <p>Dr. Siddhartha Pal Assistant Professor in Department of Chemistry Kalna College West Bengal, India</p>	
<p><i>Principal</i></p>  <p>Dr. Prasanta Bhattacharyya Principal Rabindra Mahavidyalaya</p>	<p><i>IQAC coordinator</i></p>  <p>Prof. Tanmay Bandyopadhyay IQAC coordinator Department of Commerce</p>				
<p><i>Speaker</i></p>  <p>Dr. Siddhartha Pal Assistant Professor in Department of Chemistry Kalna College West Bengal, India</p>					

Programme Objective

Theme: Special lecture on Graphene

Platform: Online

Date: 16th August, 2021

Organizer: Department of Chemistry

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

Speaker: Dr. Siddhartha Pal (Assistant Professor, Department of Chemistry, Kalna College)

Topic: Study of interactions of biological components with Graphene Functionalised Materials (GFMs)

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

Objectives:

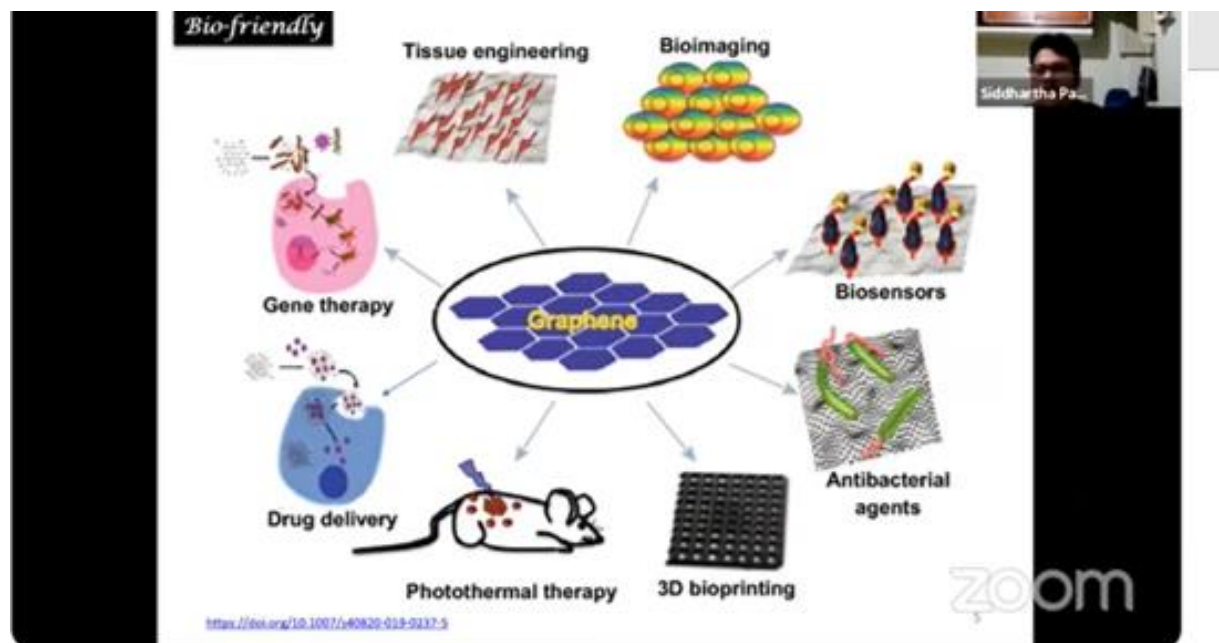
- To make aware of current student about Graphene Functionalized Materials (GFMs)
- A rise in students' self-assurance and intelligence

- To encourage students to share their passion for science with an insight into modern research in a fundamental sense
- To explain the concept of a Graphene functional material with high thermal and electrical conductivity. It's also tough, flexible, light, and highly resistant. These properties make it suitable for use in sensing materials and in the energy, construction, health, and electronics sectors.

Report

Department of Chemistry of Rabindra Mahavidyalaya organized one-day special lecture on Study of interactions of biological components with Graphene Functionalised Materials (GFMs) on 16th August, 2020 via online mode. The seminar was focused on the concept of Graphene functional material with high thermal and electrical conductivity. It's also tough, flexible, light, and highly resistant. These properties make it suitable for use in sensing materials and in the energy, construction, health, and electronics sectors. The webinar, hosted by Dr. Rabiul Alam (Departmental Faculty), began with the introductory speech given by respected Principal Dr. Prasanta Bhattacharyya and IQAC coordinator Prof. Tanmay Bandyopadhyay of the institution. Then Dr. Rabiul Alam gave a basic overview on recent advances Graphene Functionalised Materials. Dr. Siddhartha Pal, faculty of Department of Chemistry of Kalna College gave insightful lecture on study of interactions of biological components with Graphene Functionalised Materials (GFMs). 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 120 were present. The seminar ended with vote of thanks by Dr. Rabiul Alam.

Some Photographs of Special Lecture on Study of interactions of biological components with Graphene Functionalised Materials (GFMs)



"Study Of Interactions of Biological Components with Graphene Functionalised materials(GFMs)"

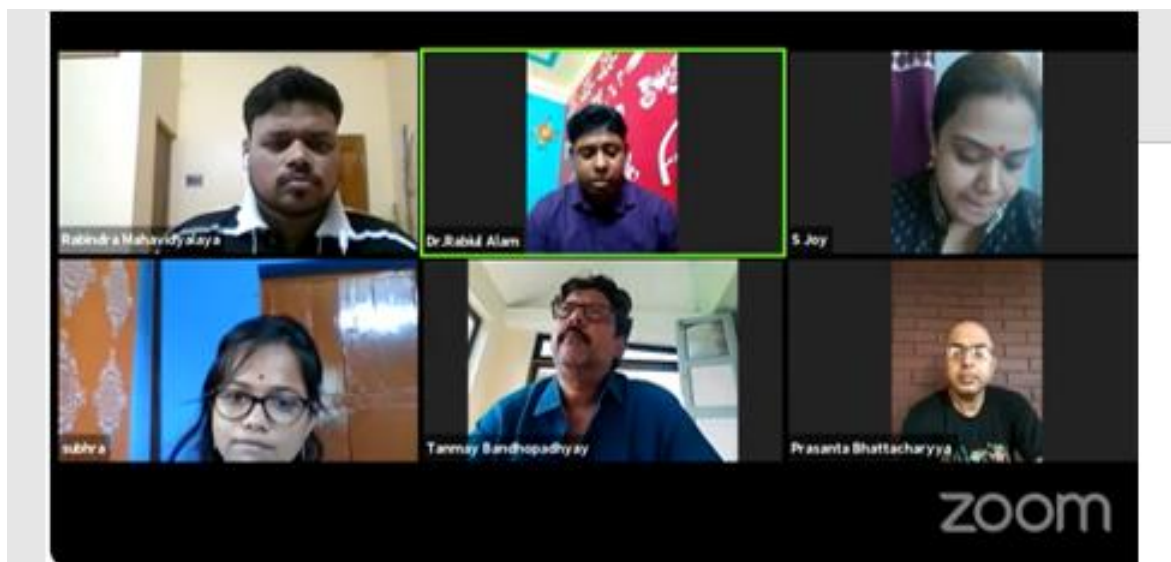


"Study Of Interactions of Biological Components with Graphene Functionalised materials(GFMs)"

top chat replay

- Minali Adak: Can graphene stop bullet? can it has magnetic properties? how does Graphene oxide affect our body?
- Sucheta Joy: How you able to purify these GFMs?
- Pijush Kanti Majumder: what are the uses of Graphene oxide in medical science
- Ruma Jana: Is graphene oxide used in medicine?
- Dr. Shuvojit Mondal: what kind of software in your research field you are used to plot those 2-dim curves or some surface bars you have shown in some slides. Are there any kind of mathematical equations w.r.t. such plots?
- KUNAL Edu: information session
- Ruma Jana: what are the advantages of using graphene oxide in water treatment?
- Ruma Jana: Thank you sir
- Ritwicka Samanta: thank you sir

Some Photographs of Special Lecture on Study of interactions of biological components with Graphene Functionalised Materials (GFMs)



"Study Of Interactions of Biological Components with Graphene Functionalised materials(GFMs)"



"Study Of Interactions of Biological Components with Graphene Functionalised materials(GFMs)"