



Society Activity Report 2020-2021

The Chemistry Society

❖ Career Talk on “How to get a funded master’s programme abroad”

The Society activities began on 16th August 2020 with a career talk on how to secure a fully-funded master’s programme abroad by Mr. Srijit Seal, alumnus of 2019 batch. The talk was organized in collaboration with the Physics and BSc Programme society. The talk was conducted in the online mode and saw good participation from students of various courses and faculty members. There was an attendance of around 80 students in the meet.

SSC **THE PHYSICS SOCIETY** **B.S.C. PROGRAMME SOCIETY**

CAREER GUIDANCE ON:

- How to write the perfect application for Masters/Internship?
- Choice of course/institute
- Statement of Purpose
- Curriculum Vitae
- Sources of Funding

BY
Srijit Seal
MPhil and PhD Candidate at University of Cambridge
BP Clare Hall India Innovation, Jawarharlal Nehru memorial
Cambridge International Scholarship and Trinity Henry
Barlow Scholar


Date and Time: 16 August, 2 p.m.
(Google Meet)

Hope to see you all there!!!



The screenshot shows a Google Meet window with a presentation slide. The slide content is as follows:

ST. STEPHEN'S COLLEGE



A Perfect Application to Funded Masters Abroad

Srijit Seal
MPhil and PhD Candidate in Chemistry at the University of Cambridge
St. Stephen's College University of Delhi

At the bottom of the slide, there is a small text box: "I am presenting this presentation" with a "Share" button.

The meeting interface shows the presenter Srijit Seal and a grid of other participants. The system tray at the bottom indicates the time is 2:09 PM on 16 Aug 20.

The screenshot shows a Google Meet window with a presentation slide. The slide content is as follows:

Graduate Programme?

For US: It could be Masters or PhD
For Europe and UK: Mostly it refers to Mphil, MSc, MS, MRes... sometimes PhD . Be Careful!

Paid internship

- Science, business (especially accounting and finance), technology, work experience internships.
- To expand an intern's knowledge.
- The intern is expected to bring ideas and knowledge.

At the bottom of the slide, there is a small text box: "I am presenting this presentation" with a "Share" button.

The meeting interface shows the presenter Srijit Seal and a grid of other participants. The system tray at the bottom indicates the time is 2:11 PM on 16 Aug 20.

❖ Chemistry Society Orientation

The orientation programme to induct the freshman students into the society was conducted on 28th November 2020 where the prospective events and other spanning areas of the society were discussed.

NAAC
Assessment
and
Accreditation 2021



St. Stephen's College
University of Delhi
Delhi 110007

Phone: +91-11-27667200

E-mail: pstoprincipal@ststephens.edu

Website: www.ststephens.edu

CONTACT US

EMAIL ADDRESS
chemistrysoc.ssc@gmail.com

PHONE NUMBER
Siddhant Dhingra: +91 9829111855
Rijul Bajaj: +91 9990102111

The Chemistry Society

St Stephen's College
welcomes batch 2023 to

ORIENTATION

DATE: 28 November 2020
TIME: 4:00 pm

Siddhant: 9829111855 Rijul: 9990102111

**NAAC
Assessment
and
Accreditation 2021**

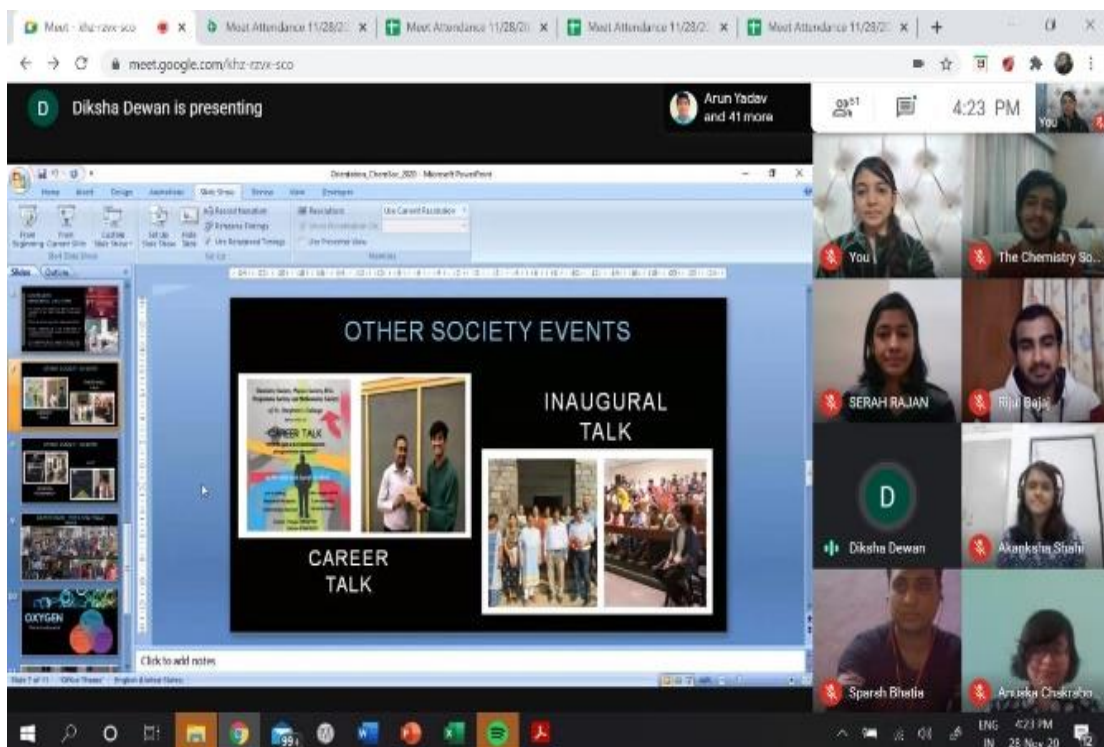
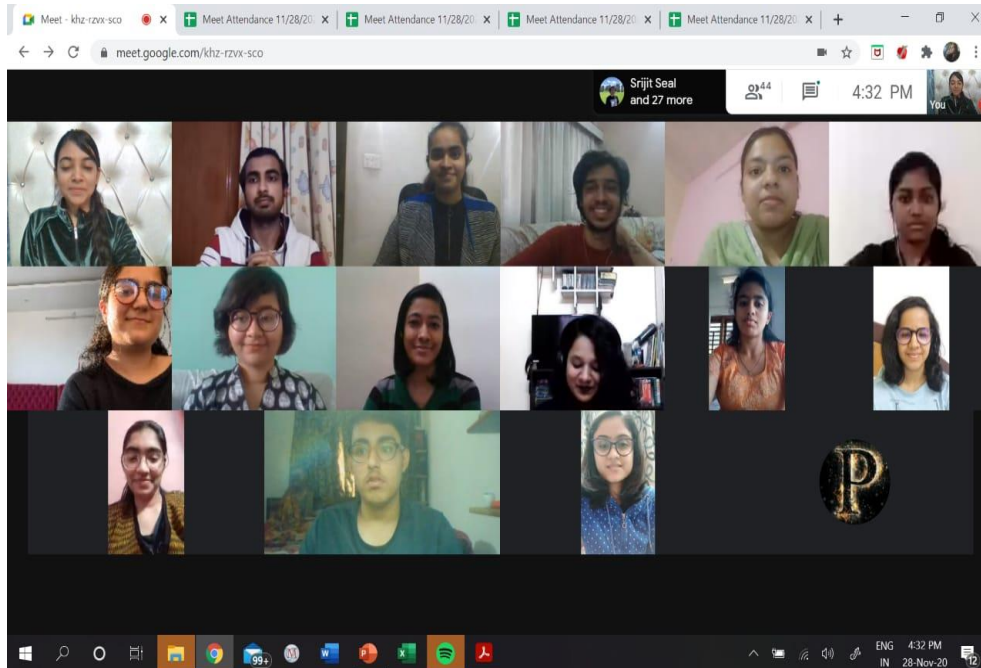


**St. Stephen's College
University of Delhi
Delhi 110007**

Phone: +91-11-27667200

E-mail: pstoprincipal@ststephens.edu

Website: www.ststephens.edu





❖ Chemistry department freshers

On 16th January 2020, the Chemistry department for the the newly joined batch was conducted. A lot of fun and interactive events were organized for the same.

CHEMSOC INVITES YOU TO THE

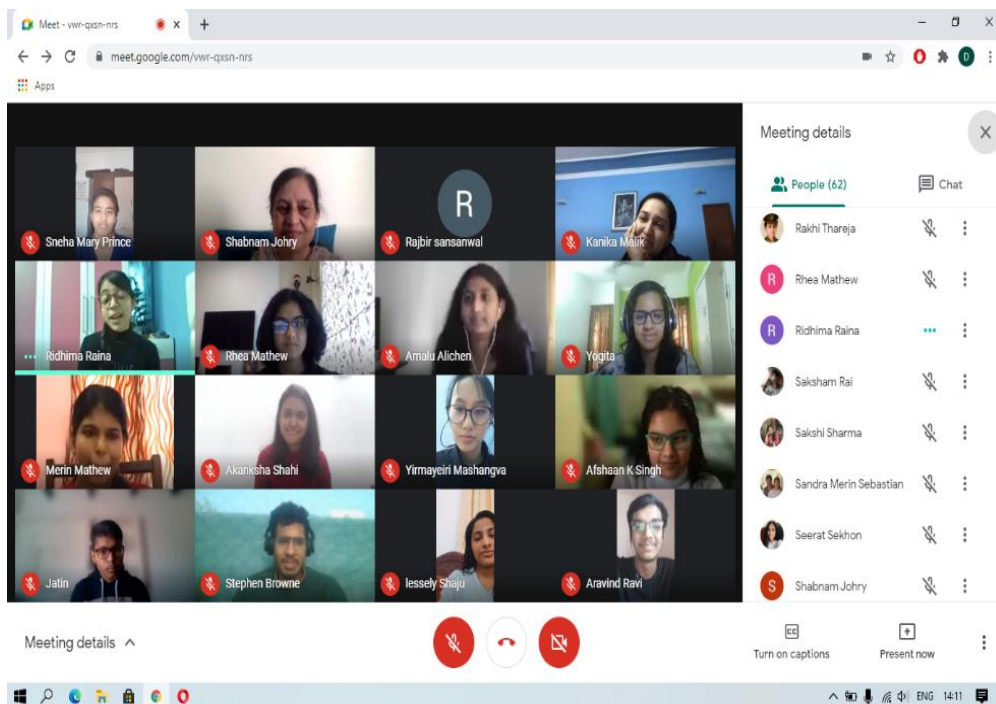
*Department
Fresher's*

A WARM WELCOME TO OUR FRESHERS

16
JAN

Platform : GOOGLE MEET
Contact
Shiv : 7838250404
Ridhima : 7428029224

2
PM



❖ Scholar's Meet

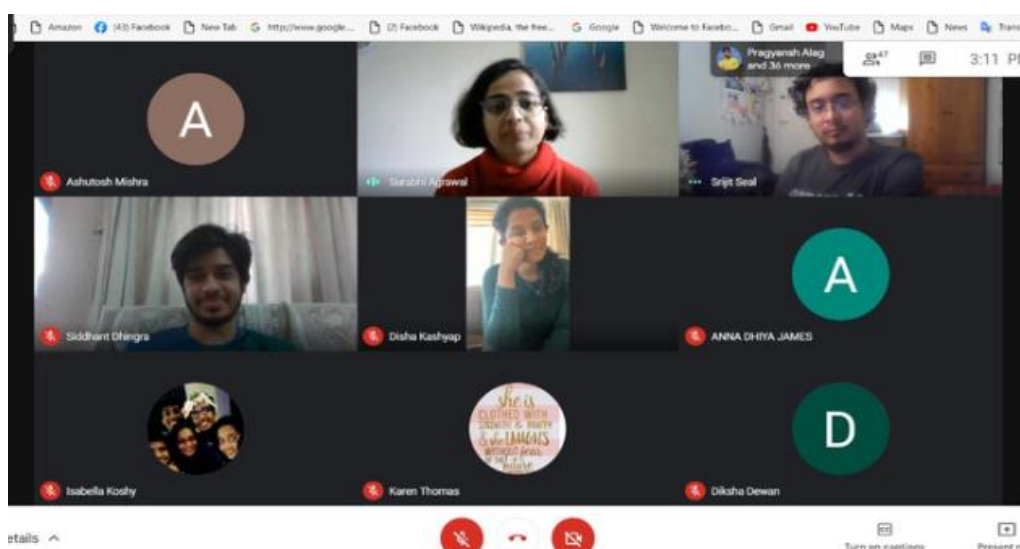
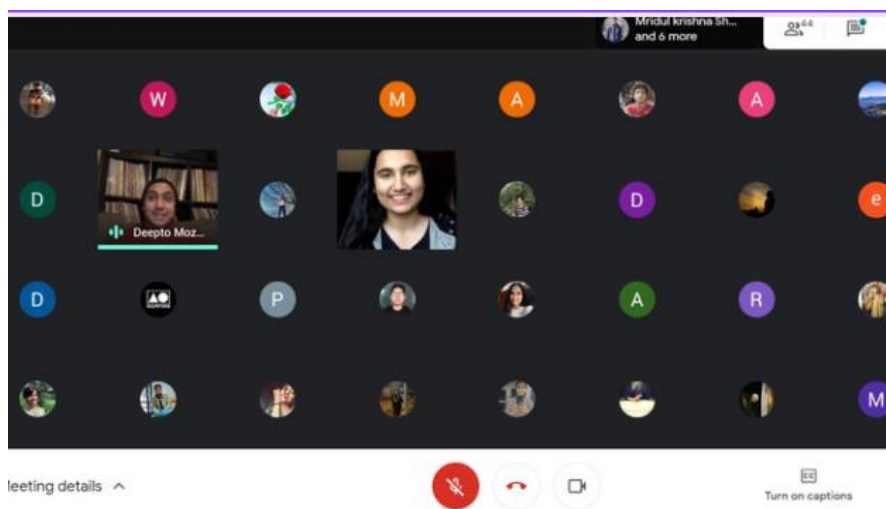
Scholar's meet was held for 2 days, on 7th and 8th February 2022. Various eminent alumni of college were invited to speak on their experiences and to guide their juniors.

The Chemistry Society
St. Stephen's College
presents
SCHOLAR'S MEET

Master's and PhD in Europe and the US:
Internships, Scholarships and other insights

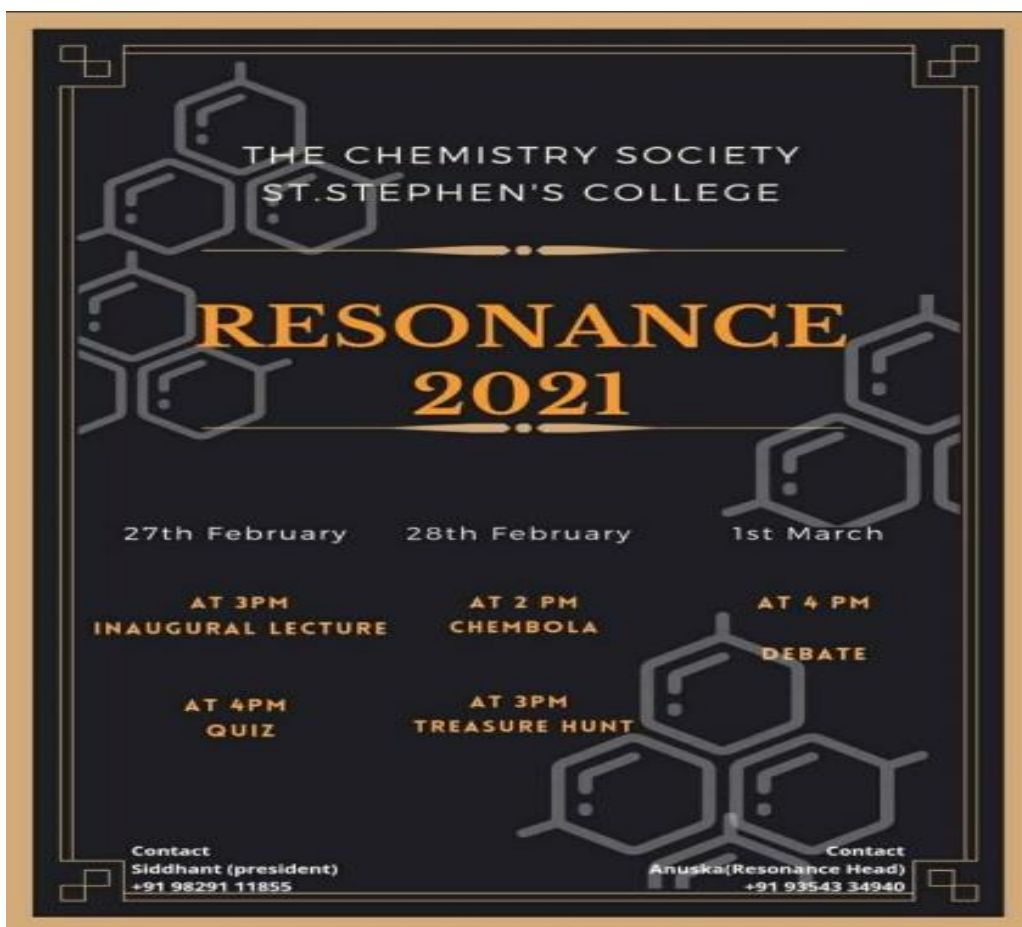
TYPE OF EVENT: Inter-Departmental
DATE: 7-8th February, 2021
TIMINGS: Day 1 (3-5 PM)
Day 2 (2:30-3:30 PM)
PLATFORM: Google Meet

SIDDHANT: 9829111855
RIJUL: 9990102111



❖ Resonance- The Annual Fest

The annual fest, Resonance, of the Chemistry society was organized from 27th February 2021 to 2nd March 2021. A number of events and competitions were included as a part of the annual fest. Chemathon-The Science Quiz was organized on 27th February 2021, Chembola- Tambola with a Chemistry twist and Treasure hunt competition was organized on 1st March 2021 and debate was organized on 2nd March 2021. Students from different colleges across the nation participated for the various events.



- **Inaugural lecture- 27th February 2022**

The Inaugural lecture for the annual fest-‘Resonance’ on ‘Insights on Chemical Biology’ was delivered by an eminent chemist from IIT Bombay, Dr. Shobhna Kapoor on February 27, 2021. The event allowed the audience to dive deep into the realm of chemical biology.



**The Chemistry Society
St. Stephen's College**
Invites all to
Resonance
Annual Fest of ChemSoc
Inaugural Talk
On
**Insights on
Chemical Biology**
by
Dr. Shobhna Kapoor

- Assistant Professor, Department of Chemistry, IIT Bombay
- Postdoctoral Research Fellow at Max Planck Institute for Molecular Physiology

Date: 27 February'21
Time: 3pm
Platform: Google Meet
<https://meet.google.com/hhq-zfez-nij>

For More Details contact
Diksha: 7027090722

Harish Neela Lin... and 30 more

Highlights of My Academic Voyage

Ph.D. **Biophysics** (2013)
Protein-Membrane Interactions with Prof. Roland Winter
TU Dortmund

IIT Bombay (2016)
Lipid Chemical Biology & Membrane Biophysics: Infectious Diseases

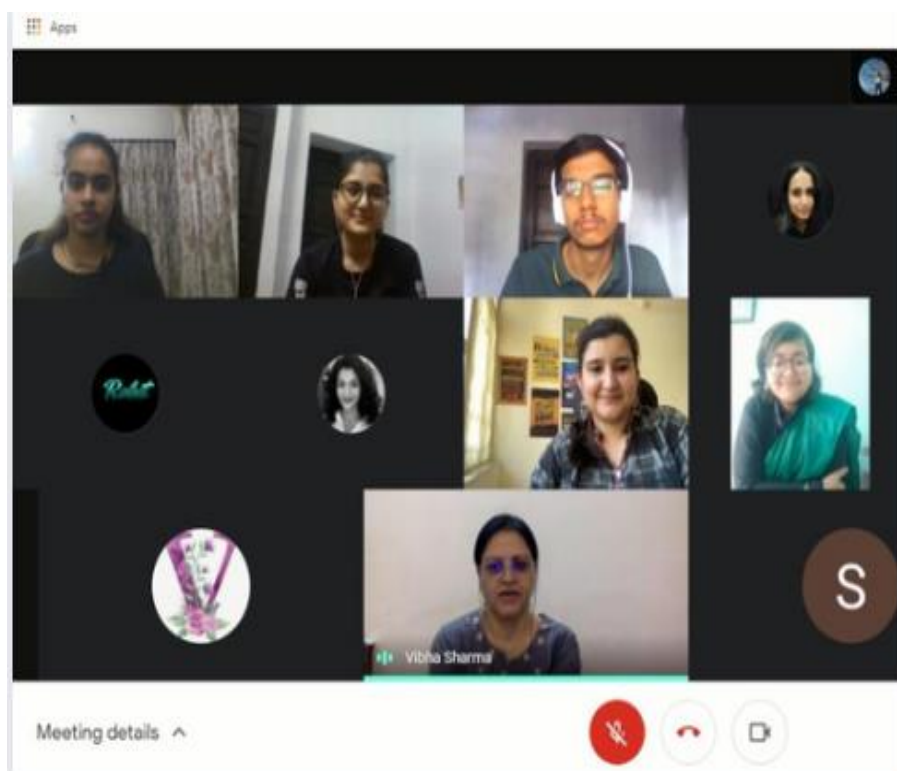
St. Stephens College, Delhi
B.Sc Chemistry (2006)

IISc, Bangalore
M.Sc Chemistry (2009)
Drug Delivery & Biosensing

Max Planck Institute for Molecular Physiology
Chemical Biology (2016)
Cancer, Target ID
Herbert Waldmann

shobhna kapo...

Turn on captions



- Chemathon- 27th February 2021

THE CHEMISTRY SOCIETY
of St. Stephen's college
presents

RESONANCE '21
CHEMATHON
ONLINE QUIZ

DATE: 26 FEBRUARY 2021
TIME: 4 TO 6PM

TALK TO US:
+91 98186 83608 (SPARSH BHATIA)

The poster features several chemistry-related icons: a test tube rack with three tubes labeled 'LIFE', 'HEALTH', and 'WELLNESS'; a microscope; a Bohr-style atomic model; and a ball-and-stick molecular model.



Question 7

Packing peanuts are useful for protecting goods, but essentially useless once they have performed this task, and only a small percentage of them are recycled. Chemists have come up with a secondary use for them, carbonising them then grinding them to a powder to produce carbon microsheets which can be used as _____. The microsheets are thinner than graphite thereby making them better suited for the task.

FITB.

Sparsh Bhatia



You



Jay

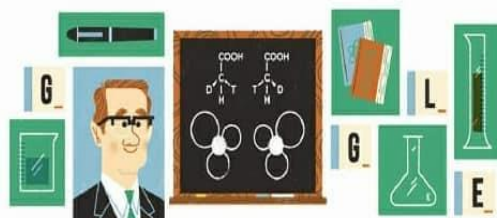


Aditya



8 others

Question 17



Identify the chemist from the Google doodle. And tell which other prominent chemist shared a Nobel prize with him?

Sparsh Bhatia



You



Aditya



Jay



9 others



- **Chembola- 28th February 2021**

RESONANCE
The Annual Fest of The Chemistry Society,
St. Stephen's College

CHEMBOLA

DATE- KEEP YOUR ION THE PRIZE! GeNiUS!

GOT A NICKEL? 28.02.2021 (SUNDAY) STAY +VE!

OH SNaP! He, He, He 2-3 P.M.

Ridhima: +91 74280 29224

The Chemistry Society St. Stephen's College is presenting

Nikita Srivastava and 18 more

2:18 PM

Periodic Table Of The Elements

Symbol Name

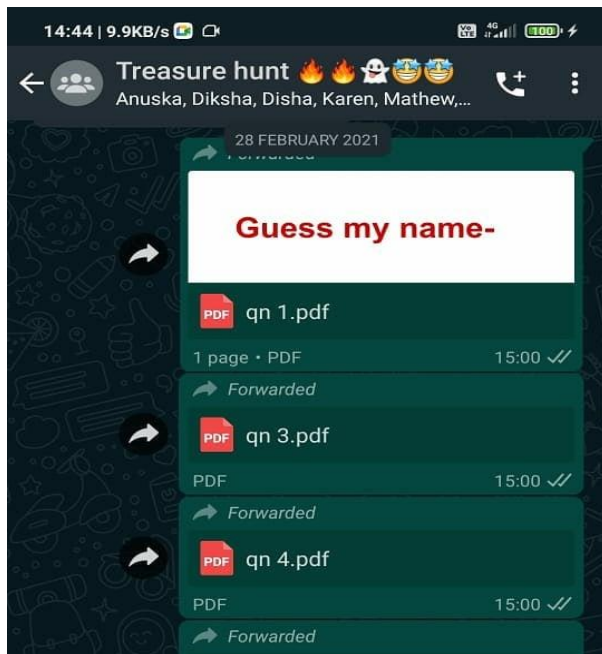
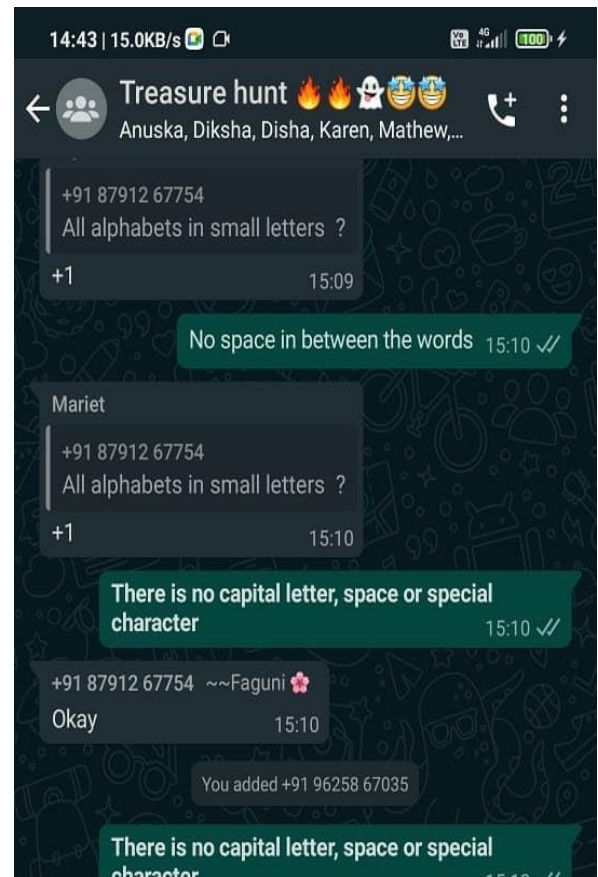
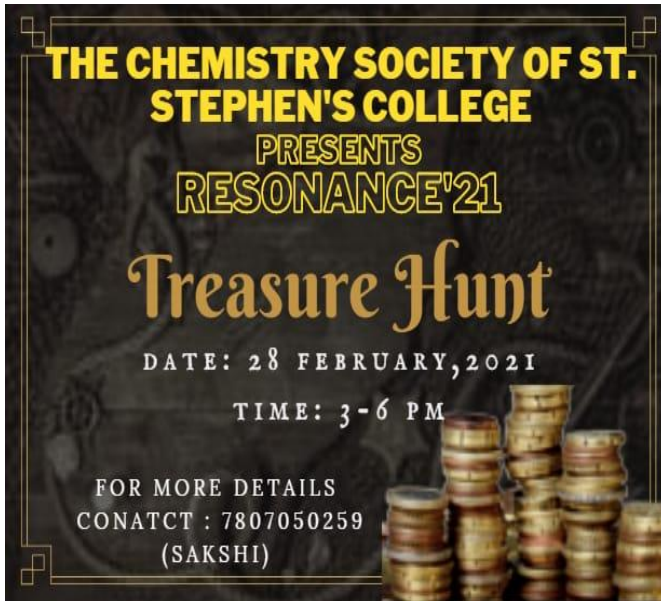
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The Chemistry Society St. Stephen's College is presenting

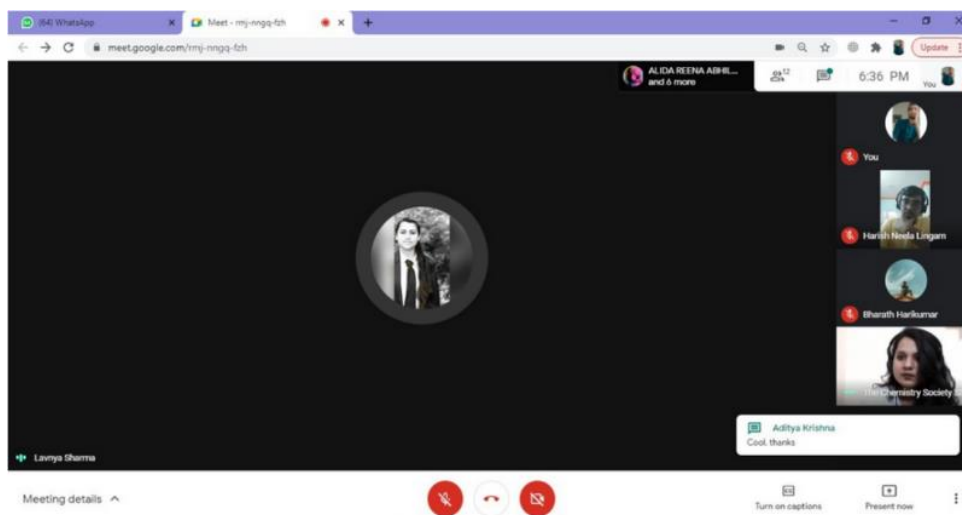
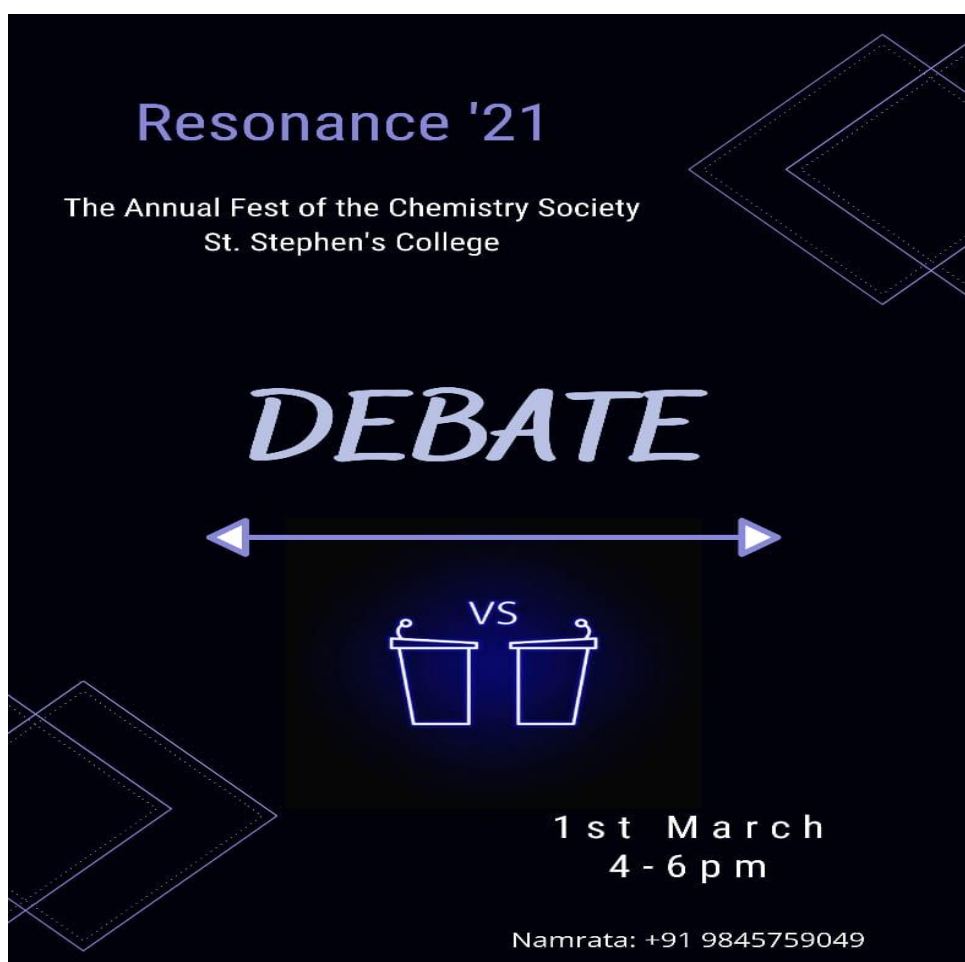


- **Treasure Hunt- 28th February 2022**






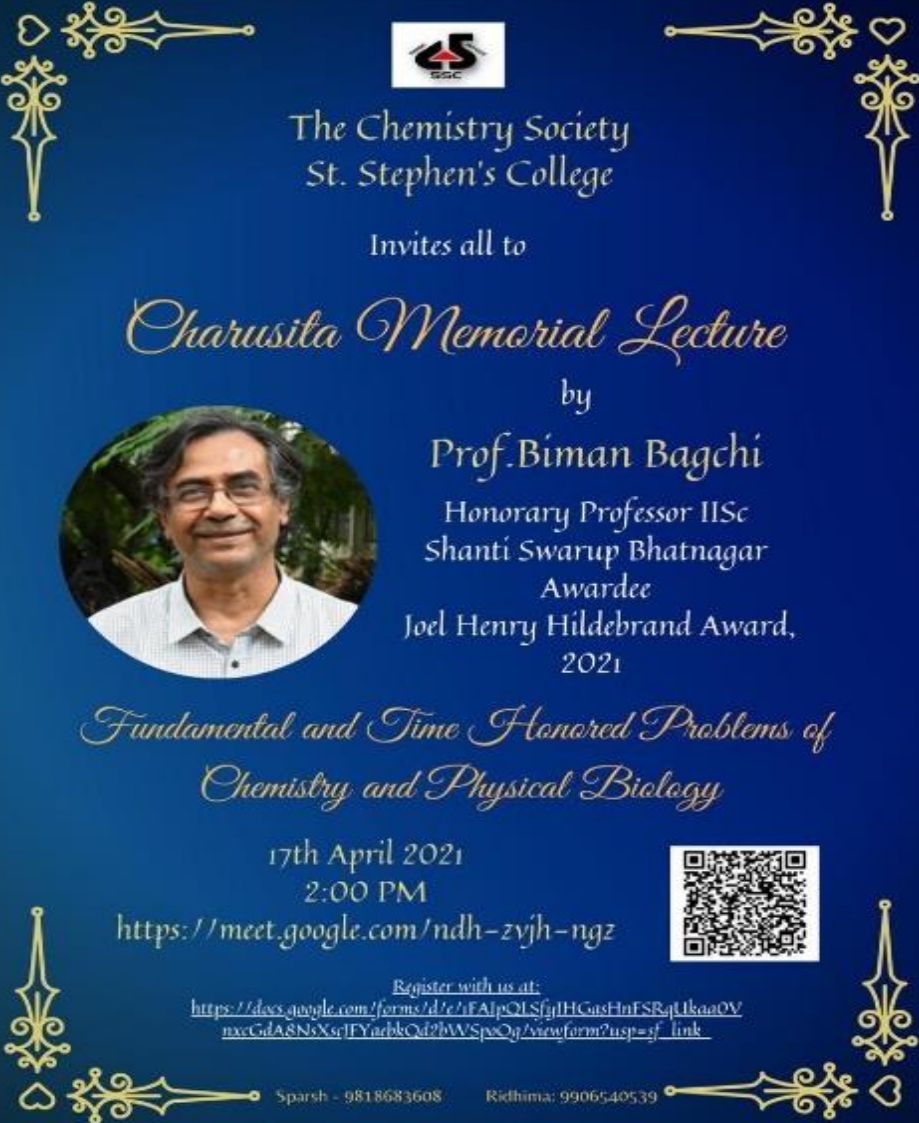
- Debate- 1st March 2021





❖ Charusita Memorial Lecture

The Society commemorated the exemplary work and contributions to science by Late Prof. Charusita Chakravarty, by conducting The Charusita Memorial Lecture' 21. This year, the talk was delivered by Dr. Biman Bagchi, Chair professor in IISc Bangalore on 'Fundamental and time Honored problems of Chemistry and Physical Biology' on April 17, 2021.




The Chemistry Society
St. Stephen's College

Invites all to

Charusita Memorial Lecture

by




Prof. Biman Bagchi
Honorary Professor IISc
Shanti Swarup Bhatnagar
Awardee
Joel Henry Hildebrand Award,
2021

*Fundamental and Time Honored Problems of
Chemistry and Physical Biology*

17th April 2021
2:00 PM

<https://meet.google.com/ndh-zvjh-ngz>



Register with us at:
https://docs.google.com/forms/d/e/1FAIpQLSfjJHGsHnFSRqUkka0VnxcGdA8NsXq1FYacbkCd?bWSpxQp/viewform?usp=zf_link

Sparsh - 9818683608 Ridhima: 9906540539



Meeting details

Ridhima Raina is presenting

5th CHARUSITA MEMORIAL LECTURE

Prof Charusita Chakravarty was a scientist and a professor of chemistry at the Indian Institute of Technology, Delhi since 1999.

Education:

- o B.Sc. (Hons) Chemistry from St. Stephen's College, University of Delhi
- o B.A. (Hons) Natural Sciences from University of Cambridge
- o Ph D programme at Cambridge
- o Post Doctoral from University of California, Santa Barbara, USA
- o Independent postdoctoral position in I

lessely Shaju has left the meeting

Meeting details

Turn on captions

Ridhima Raina is presenting

Meeting details

Prof Biman Bagchi is presenting

Statistical mechanics : The Machinery

James Clerk Maxwell, Ludwig Boltzmann, Josiah Willard Gibbs

- 1859, James Clerk Maxwell formulated the Maxwell distribution of molecular velocities. This was the first-ever statistical law in physics
- 1864, Ludwig Boltzmann, came across Maxwell's paper and was so inspired that he spent much of his life developing the subject further
- 1875, Boltzmann: The "father" of statistical thermodynamics with his 1875 derivation of the relationship between entropy S and multiplicity Ω

$$S = k_B \ln \Omega$$
- 1902, Josiah Willard Gibbs: Concept of statistical ensemble

Microscopic states consistent with the *macroscopic* properties

According to Robert A. Millikan, in pure science Gibbs "did for statistical mechanics and for thermodynamics what Laplace did for celestial mechanics and Maxwell did for electrodynamics, namely, made his field a theoretical structure."

Raunak Farhaz has left the meeting

Meeting details

People (94)

Chat

Diksha Batra

Ekta Kundra Arora

Eswaran S. V.

Harjot S. Yadav

himanshi goel

Jay Ingle

Kanika Malik

Meeting details

Raina is presenting

5TH ANNUAL Charusita Memorial Lecture

Prof. CHARUSITA CHAKRAVARTY

Meeting details

People (101)

Chat

Add people

IN CALL

The Chemistry So... (You)

ijay chand

Anil Kumar

Anirban Guha

Anjali S Nair

Anna Dhiya James

Yibha Sharma

Violet Macwan

shata Gandhi

Meeting details

Turn on captions

Ridhima Raina is presenting



A Summary of Events organised during 2020-21

Date	Event organized	Level of the Event
16 th August 2020	Career Talk on "How to Get a Funded Masters Programme Abroad" by Mr. Srijit Seal (An alumnus of 2019 batch)	College Level
28 th November 2020	Chemistry Society Orientation	College Level
16 th January 2021	Fresher'21	College Level
7 th and 8 th February 2021	Scholar's Meet'21	College level
27 th February 2021	The Inaugural lecture on <i>Insights on Chemical Biology</i> was delivered by an eminent chemist from IIT Bombay, Assistant professor, Department of Chemistry, Dr. Shobhna Kapoor	Inter-college
27 th February 2021	Chemathon – science quiz	Inter-college
1 st March 2021	Chembola	Inter-college
1 st March 2021	Treasure hunt	Inter-college
2 nd March 2021	Debate	Inter-college
17 th April 2021	Charusita Memorial Lecture'21 by Dr. Biman Bagchi, IISc Bangalore	Inter-college