



## SOCIETY ACTIVITY REPORT 2018-19 THE CHEMISTRY SOCIETY

### 1. National Conference on Emerging Trends and Advances in Chemical Sciences (ETACS) held on September 25-26, 2018.

The speakers for the event were Prof. Alok Srivastava, Panjab University, Chandigarh; Prof. D. S. Rawat, Department of Chemistry, University of Delhi; Prof. Ravi Shankar, IIT Delhi; Dr. S V Eswaran UNESCO Regional Centre of Biotechnology, Haryana; Prof. M. S. Singh, Banaras Hindu University, Varanasi; Prof. S. S. Chauhan, AIIMS, New Delhi; Dr. Tokeer Ahmad, Jamia Millia Islamia, New Delhi. The aim of the conference was to provide a platform for persons in academics, industry, and research institutions to share and discuss the emerging trends and advances in the field of Chemical Sciences. The conference gave an opportunity especially to undergraduate students to widen their horizons of knowledge with recent advances, emerging issues, and developments in the field. The two-day conference included invited talks by eminent speakers from leading research institutions, poster presentations, and oral discussions on various emerging areas of Chemistry by the participants.



The Department of Chemistry  
St. Stephen's College



presents **NATIONAL CONFERENCE** on

## ETACS - Emerging Trends and Advancements in Chemical Sciences

(under the aegis of IQAC)

25th and 26th September 2018

Venue: Seminar Room

### Eminent Speakers

<b>Prof. Alok Srivastava</b> Panjab University Chandigarh	<b>Prof. D S Rawat</b> Delhi University Delhi	<b>Prof. Ravi Shankar</b> IIT Delhi	<b>Prof. M S Singh</b> Banaras Hindu University Varanasi	<b>Dr. S V Eswaran</b> Visiting scientist UNESCO RCB	<b>Dr. Tokeer Ahmed</b> Jamia Millia Islamia New Delhi
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Srishti +91 70811 59206

Brijji +91 90156 87898



## **2. Intra-College Paper Presentation Competition held on 5 November 2018**

The Intra College paper presentation was the event that followed, and the theme of this event was - "Quirky, unbelievable, out-of-the-box science ideas". The maximum time allotted to each participant was 10 minutes. The participants were judged on the novelty of the papers chosen, clarity of concept, and presentation.

The poster is for an intra-college paper presentation. It features a central white box with text on a background of colorful, iridescent bubbles. The text is as follows:

**THE CHEMISTRY SOCIETY  
ST. STEPHEN'S COLLEGE**  
Presents  
**INTRA-COLLEGE  
PAPER  
PRESENTATION**

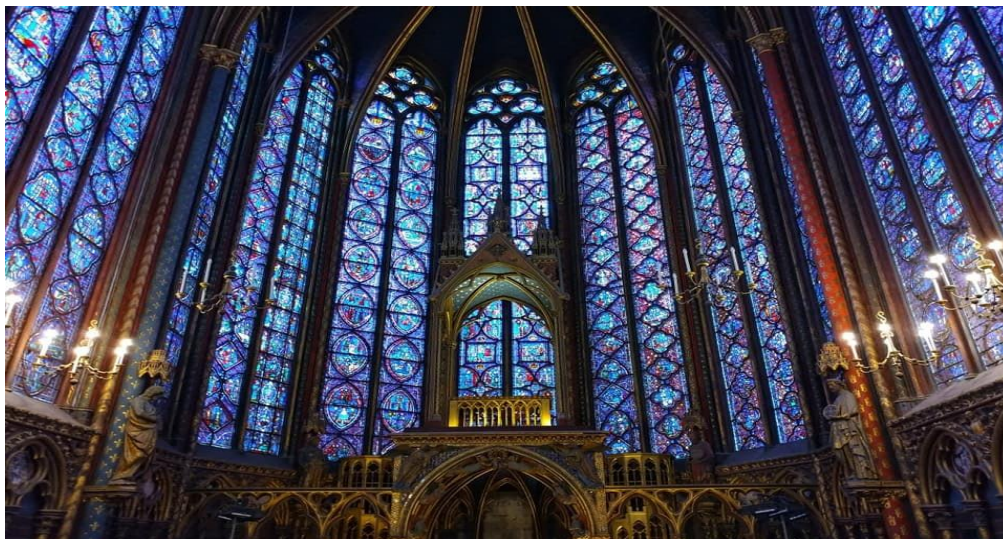
Theme:  
Quirky, unbelievable, out-of-the-box science ideas  
Rules:  
Participate as monoatomic or diatomic molecules  
Maximum time for presentation is 10 minutes

DATE- 5th NOVEMBER, 2018  
TIME- 2pm-5pm  
VENUE- OCLT

CONTACT  
Pempa 8327261276  
Akhila 9540095338

**3. Online Photography Competition** held up to 15 November 2018

An online photography competition was organized on the theme of 'polychrome'. We received multiple entries from students across disciplines. Creativity, a great photographic eye, and sublime editing with colors were awarded.

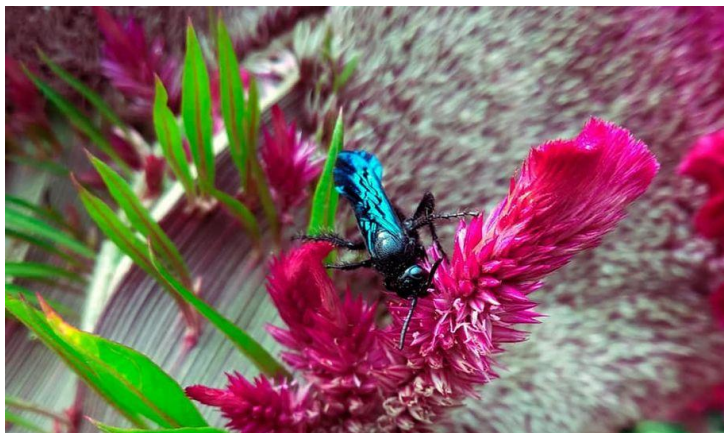


NAAC  
Assessment  
and  
Accreditation 2021



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Website: www.ststephens.edu

The advertisement is a rectangular poster with a background of horizontal stripes in red, orange, green, blue, and purple. At the top center is a small logo of a stylized 'S' and 'C' inside a square. Below it, the text reads 'The Chemistry Society St. Stephen's College'. A black box on the left contains the text 'invites entries for ONLINE PHOTOGRAPHY COMPETITION' and 'THEME : POLYCHROME'. Below this, it says 'Mail your entries to: chemistrysoc.ssc@gmail.com' and 'Entries to be submitted by 15th November, 2018'. At the bottom right, it lists contact numbers for 'Cheshta : 8076467111' and 'Aishwarya : 9711602390'. On the right side, there is a close-up image of a human eye with a green iris.





4. **The Annual Festival of Chemistry Society 'Resonance'** took place from February 26 to February 28, 2019.

It consisted of many lectures and competitions. The inaugural talk was delivered on February 26, 2019, by Dr. Vinod Kumar Tiwari, Associate Professor, Banaras Hindu University. On the same day, a crystal growing competition was organized. On 27 February 2019, a poster-making competition, treasure hunt, and jam on ham were organized. A Quiz competition was held on 28 February 2019.

**The Chemistry Society  
St. Stephen's College**

**Resonance  
2019**

*February 26*  
**Inaugural talk**  
2pm; OCLT  
**Crystal growing competition**  
4:30pm; NCL

*February 27*  
**Poster making**  
2pm; Science lawns  
**Jam on ham**  
3pm; NCLT  
**Treasure hunt**  
3:30 pm onwards

*February 28*  
**Quiz**  
2pm; NCLT  
**Movie screening**  
2:30pm; OCLT

Pempa: 8327261276  
Cheshta: 8076467111

Scan this to register:

**The Chemistry Society  
St. Stephen's College**

**RESONANCE'19  
JAM ON HAM**

DATE: 27TH FEBRUARY  
TIME: 3PM  
VENUE: NCLT

EXCITING PRIZES TO BE WON!

Scan to register

Aiwin: 87004 60353      Akhila: 9540095338

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**THE CHEMISTRY SOCIETY  
ST. STEPHEN'S COLLEGE**  
*presents*  
**RESONANCE '19**  
**TREASURE HUNT 2019**  
EXCITING PRIZE TO BE WON BY THE WINNER!

**Contact:**  
Aishwarya- 9711602390      Pempa- 8327261276

**The Chemistry Society  
St. Stephen's College**  
**RESONANCE '19**  
Inaugural Lecture By  
**Dr. Vinod Kumar Tiwari**  
Associate Professor  
Banaras Hindu University

**ORGANIC CHEMISTRY:  
SOME CONCEPTS AND THEIR APPLICATIONS**

DATE: 26 FEB 2019  
VENUE: OCLT  
TIME : 2 PM

**CONTACT:**  
AIWIN: 8700460353      VAIBHAV: 9999695063

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The Chemistry Society  
St. Stephen's College  
presents  
*Resonance*  
*Poster Making Competition*  
*Theme will be given on spot*  
*Can register individually*  
*or in teams of two*

Contact: Akhila: 9540095338  
Shubham: 9953589450

Date: February 27, 2019  
Time: 2pm  
Venue: Science lawns

  
THE CHEMISTRY SOCIETY  
ST. STEPHEN'S COLLEGE  
Presents  
**RESONANCE  
QUIZ**  
28 February 2019  
2PM | NCLT  
**Open To All!**  
**Participation in Teams Of Two!**  
**Lone Wolves Allowed!**  
Register Here  
  
Shubham: +91 99535 89540  
Vaibhav: +91 99996 95063



5. **Charusita Memorial Lecture 2019 - Water: From Ice Age to Carbon Nanotubes** held on March 29, 2019.

An alumnus of the Chemistry Department, St. Stephen's College, Prof Charusita Chakravarty was one of the leading women scientists of India. Her extensive research in the field of computational chemistry earned her the prestigious Shanti Swarup Bhatnagar Prize for Science and Technology in 2009. The Guest speaker was **Prof. Marcia Cristina Bernardes Barbosa**, Director of Brazilian Academy of Sciences, Professor at UFRGS Physics Institute Porto Alegre, Rio Grande do Sul, Brazil. Prof. Márcia Cristina Bernardes Barbosa is known for her research on the properties of water, and for her efforts for improving the conditions for women in academia.



*The Chemistry Department  
St. Stephen's College*

Invites you to

# Charusita Memorial Lecture

by



**Prof. Marcia Cristina Bernardes Barbosa**  
Director of Brazilian Academy of Sciences  
Professor at UFRGS Physics Institute  
Porto Alegre, Rio Grande do Sul, Brazil

*Topic: "Water: From ice age to carbon nanotubes"*

**March 29, 2019  
Seminar Room  
1:00 pm onwards**



**Pempa:  
8327261276**

**Cheshta:  
8076467111**





6. **Inaugural Lecture on Green Chemistry: Designing Chemistry for Human Health & Environment** held on August 31, 2019.

This was the inaugural lecture of Chemistry Society 2018 by **Prof. R K Sharma**, Department of Chemistry, University of Delhi. The lecture was highly enriching, and it highlighted the greener methods to conduct various experiments. He emphasized the advantages of using these routes.





### **A Summary of Events organized during 2018-19**

Date	Event organized	Level of the Event
September 25-26, 2018	National Conference on Emerging Trends and Advances in Chemical Sciences (ETACS)	Inter-College Level
November 5, 2018	Intra-College Paper Presentation Competition	Intra-College Level
15 November 2018	Online Photography Competition	Inter-College Level
February 26 to February 28, 2019	The Annual Festival of Chemistry Society 'Resonance'	Inter-College Level
March 29, 2019	Charusita Memorial Lecture 2019 - Water: From Ice Age to Carbon Nanotubes	Inter-College Level
August 31, 2019	Inaugural Lecture on Green Chemistry: Designing Chemistry for Human Health & Environment	Intra-College Level