



Society Activity Report 2016-17

The Chemistry Society

Being a platform for harmonious growth, the society hosts multiple events and educating lectures on interesting topics by renowned professors across the country. Following are the events conducted by the St. Stephen's Chemistry Society during the academic year 2016-17:

1. Departmental Freshers Event

Date – August 17, 2016



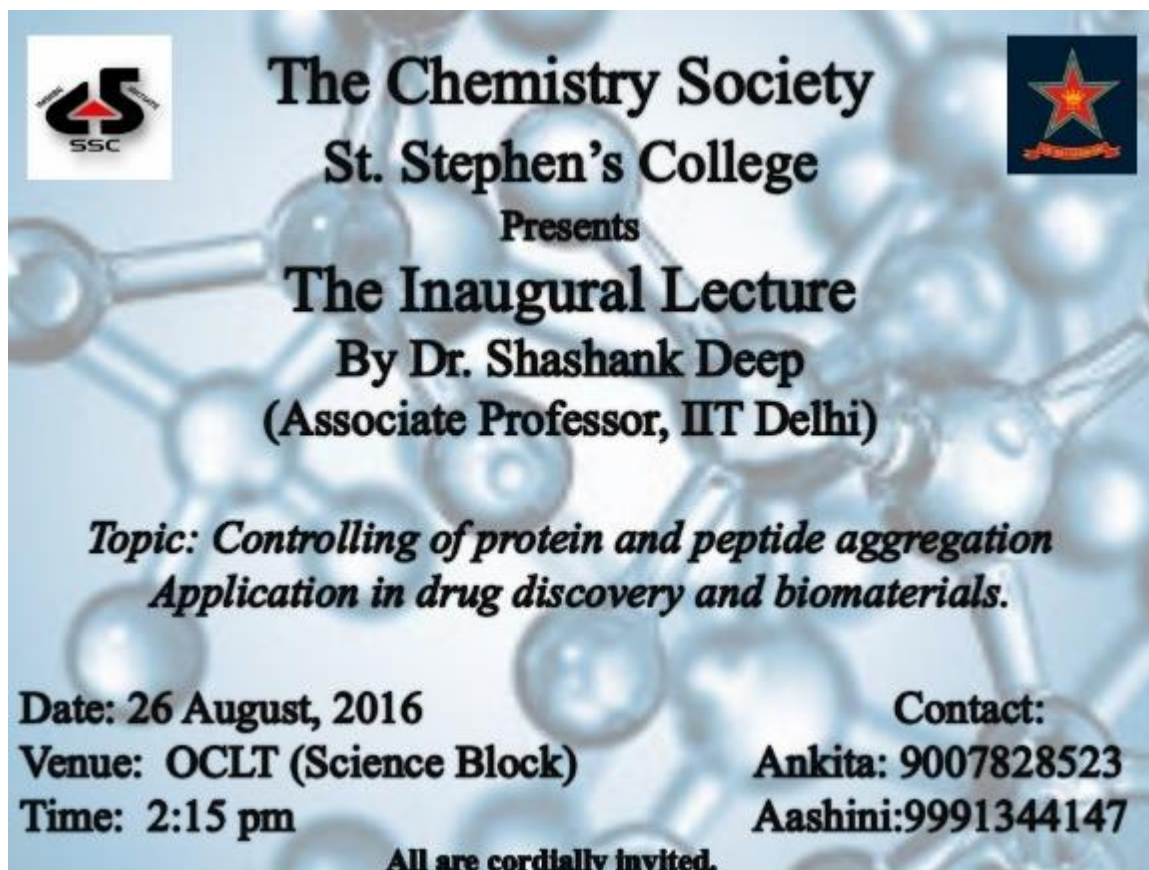
The Freshers event was a successful one for the first year's batch of the academic year 2016-17.



2. Inaugural Lecture by Dr Shashank Deep

Date – August 26, 2016

The theme was "Controlling protein and peptide aggregation and its applications in drug discovery". The lecture was delivered by Dr Shashank Deep, Associate Professor, IIT Delhi.



**The Chemistry Society
St. Stephen's College
Presents
The Inaugural Lecture
By Dr. Shashank Deep
(Associate Professor, IIT Delhi)**

*Topic: Controlling of protein and peptide aggregation
Application in drug discovery and biomaterials.*

Date: 26 August, 2016
Venue: OCLT (Science Block)
Time: 2:15 pm

Contact:
Ankita: 9007828523
Aashini: 9991344147

All are cordially invited.





PARKINSON'S DISEASE

- Onset usually gradual, after age 50. (Slowly progressive)
- Mask-Like, Blank Expression
- Stooped Posture
- Pill Rolling Tremors
- Shuffling, Propulsive Gait
- **Bradykinesia**
Loss of automatic arm swing while walking & slowing of the upper part of body in activities such as dressing, eating, writing, etc.
- **Tremor**
Involuntary rhythmic oscillations of the hand, arm, head, jaw, tongue, or other body parts. It is most common in the hands and is usually worse when the hand is at rest.
- **Muscle Rigidity**
Stiffness of the muscles, especially in the neck, arms, and legs.
- **Fluctuating Mental Deterioration**
- **Depression**
- Rarely Occurs in Black Population

α synuclein protein

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3. Interactive Session with Ms. Nuzhat Hassan

Date – September 15, 2016

The interactive session was successful. The guest was distinguished alumnus Ms. Nuzhat Hassan, IG(Administration), Arunachal Pradesh, & Former secretary to the Minister of Minority Affairs, Government of India. The various topics discussed were role of Chemistry and the College in shaping her personality, career choices she made, scope of Chemistry as an optional subject in UPSC examinations, development of life skills and ethics in profession.

The poster has a textured, parchment-like background. On the left is the SSC logo with the words 'UNIQUE' and 'INITIATE' above it. On the right is the St. Stephen's College star logo. The text in the center reads: 'THE CHEMISTRY SOCIETY presents AN INTERACTIVE SESSION WITH Ms. Nuzhat Hassan IG (Admn) Arunachal Pradesh Ex-Joint Commissioner of HQ-Delhi Police An alumnus of the Chemistry Department. 15th September, 2016 OCLT 2pm'. A portrait of Ms. Nuzhat Hassan is on the right. At the bottom, there are two phone numbers: 'VAISHU:056020050' and 'VAISHALI:8745080200'.

THE CHEMISTRY SOCIETY
presents
AN INTERACTIVE SESSION WITH
Ms. Nuzhat Hassan
IG (Admn) Arunachal Pradesh
Ex-Joint Commissioner of HQ-Delhi Police
An alumnus of the Chemistry Department.
15th September, 2016
OCLT 2pm





4. Visit to Sun Pharmaceuticals, Gurugram

Date – September 30, 2016

Around 50 students visited the R & D unit of Sun Pharmaceuticals in Gurugram. The guided tour helped understand how various techniques like gas chromatography, HPLC etc. are employed at industrial scale.



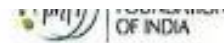


5. Environmental Health Workshop

Date – October 1, 2016

Public Health Foundation of India in collaboration with Wellcome Trust-DBT India Alliance conducted its first in the VOICES FOR HEALTH series of workshops conducted nationwide. The workshop started with presentations by researchers from Centre for Environmental Health, followed by group activities and presentation of community awareness programmes.

INDIA ALLIANCE



VOICES FOR HEALTH

YOUR ENVIRONMENT, YOUR HEALTH

Sensitization workshop for college students

The Centre for Environmental Health, Public Health Foundation of India (PHFI) with support from the Wellcome Trust/DBT India Alliance will be conducting Environmental Health sensitization workshops for college students from September-November 2016. This programme is part of the ongoing Voices for Health series which is jointly organized by the Wellcome Trust/DBT India Alliance and PHFI. The final public event focusing on Environmental health under the 'Voices for Health' will be held in Delhi in late November or early December 2016.

About Voices for Health series

Voices for Health is an effort aimed at engaging people and communities to better understand public health and to educate them about key determinants of emergent health issues. This initiative is planned as a series of public engagement events that will bring together biomedical researchers with policy makers, social scientists, health workers, media and other stakeholders to talk about important health issues. Each event will focus on a public health topic of contemporary interest. The series will aim to demystify science and myths, disseminate latest health research and share perspectives of experts and people.

Relevance and Objectives of the Environmental Health awareness programme





6. Lecture by Professor V.S. Parmar

Date – October 24, 2016

The lecture by Professor V.S. Parmar was an enlightening one, for both the students and teachers who were in attendance. Sir discussed about the opportunities science offers for young students, and the career prospects in research and innovation.



The Chemistry Society, St.
Stephen's College added an event.

Oct 18, 2016 · 🌐



MON, OCT 24, 2016

Talk On Current Challenges In
Science And Opportunities for You...



★ Interested



7. Paper Presentation Competition

Date – January 11, 2017

This was an intra-college paper presentation competition. Students from first, second and third year, presented papers on various topics related to science. The competition was judged by faculty members.

 THE CHEMISTRY SOCIETY 
ST STEPHEN'S COLLEGE

presents

***Intra - College
Paper
Presentation***

1st November
2pm - 5pm
OCLT

Send your entries to:
chemsocpaperpptananya@gmail.com
Latest by, 27th October, 2017

Register here :
<https://goo.gl/forms/bZWbakekzgvqFM4b2>

CONTACT:
YASH : +917388797747 ANANYA : +919540363349

8. Charusita Memorial Lecture by Professor Richard N. Zare

Date – January 31, 2017

Prof. Richard N. Zare, Chair, Department of Chemistry, Stanford University, USA delivered the first lecture in the annual series initiated this year, in the memory of beloved alumnus of the chemistry department and leading woman scientist of the country, late Prof. Charusita Chakravarty.



The Principal & The Chemistry Department, St. Stephen's College

cordially invite you to

Charusita Memorial Lecture, 2017

INAUGURAL LECTURE

MASS SPECTROMETRY IMAGING IN THE SERVICE OF HUMAN HEALTH

By **Professor Richard N. Zare**,
Departments of Chemistry and Physics,
Stanford University, USA

On January 31, 2017, 2:30 PM Onwards
At Old Chemistry Lecture Theatre (OCLT)
Science Campus, St. Stephen's College

2:30 PM – 2:35 PM Welcome

2:35 PM – 2:45 PM Life and Work of Prof. Charusita Chakravarty
by Professor Ram Ramaswamy, JNU, Delhi

2:45 PM – 3:45 PM Lecture by Professor Richard N. Zare

3:45 PM – 3:55 PM Q&A

3:55 PM – 4:00 PM Vote of Thanks

4:00 PM onwards Tea

Aashini: +91- 9991344147

Ayushi: +91-9560300539





9. Annual Fest – Resonance

Dates – March 8,9 and 10, 2017

The flagship event of the Chemistry Society is its annual fest named Resonance. The fest started with the keynote address by Dr Jayram. The other events include Paper Presentation Competition and Chemistry's Got Talent. It was followed by online photography competition. The fest ended with the closing lecture by Prof S.V. Eswaran.

THE CHEMISTRY SOCIETY, ST. STEPHEN'S COLLEGE
presents

RESONANCE
Conjugating Knowledge With Creativity

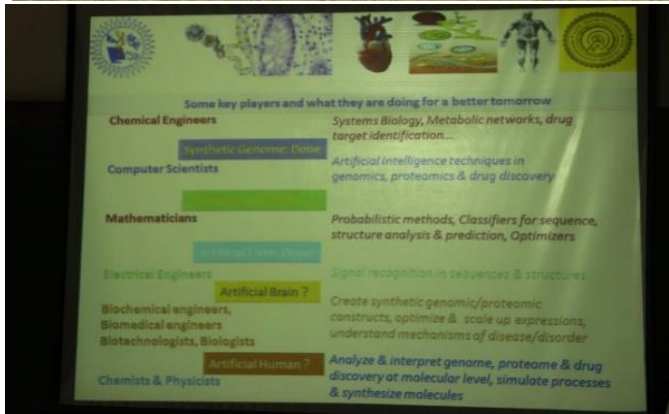
Save the dates!
8th, 9th & 10th March
2017

KEYNOTE ADDRESS
INTER COLLEGE PAPER PRESENTATION
CHEMISTRY'S GOT TALENT
ONLINE PHOTOGRAPHY COMPETITION

EXCITING CASH PRIZES
WORTH
Rs. 6500/-
TO BE WON!

Title Sponsor:
CHEM ACADEMY

Ankita: +91 9007828523
Aashini: +91 9991344147





Keynote Address by Dr Jayaram

Date – March 8, 2017

The topic of the address was “Integrating Chemistry and Biology with IT” delivered by IIT Delhi’s professor, Dr Jayaram.

THE CHEMISTRY SOCIETY
ST. STEPHEN'S COLLEGE
presents

RESONANCE
CONJUGATING KNOWLEDGE WITH CREATIVITY
KEYNOTE ADDRESS
Integrating Chemistry, Biology with IT:
Towards A Disease-Free Planet

DR. JAYARAM B.
PROFESSOR, DEPARTMENT OF CHEMISTRY &
SCHOOL OF BIOLOGICAL SCIENCES,
IIT DELHI

8 March 2017 • 2 pm • OCLT

Title Sponsor: CHEM ACADEMY

Meenal : 9818367953
Ayushi : 9560300539



Paper Presentation Competition

Date – March 9, 2017

This event saw an outstanding number of participants from various colleges. The theme was “Conjugating knowledge with creativity”.

A poster for a chemistry competition. It has a dark blue background with a red border. At the top left is the St. Stephen's College star logo. At the top right is a logo for 'The Chemistry Society' with 'SSC' below it. The text in the center reads: 'PRESENTS', 'RESONANCE', 'CONJUGATING KNOWLEDGE WITH CREATIVITY', 'INTER COLLEGE', 'PAPER PRESENTATION'. Below this, it says: 'Date: Thursday, 9th March 2017', 'Time: 2 pm - 5 pm', 'Venue: OCLT (Old Chemistry Lecture Theatre)'. It then says 'Register Here:' followed by the URL 'https://goo.gl/forms/e25B3KZwpoUX2vFm2' and 'Exciting Cash prizes to be won!!'. At the bottom, it lists 'CONTACT: Penang: 9958072075' and 'Vaishali: 8745980290'.





Chemistry's Got Talent

Date – March 10, 2017

This event was held in Junior's Combination Room. It was a showcase of talent with a twist of chemistry in it.

THE CHEMISTRY SOCIETY, ST. STEPHEN'S COLLEGE
presents



RESONANCE

Conjugating Knowledge With Creativity


"CHEMISTRY'S GOT TALENT"

PARTICIPATE AS INDIVIDUAL ATOMS OR DIATOMIC/TRIATOMIC MOLECULES.


10th March, 2017 - 2 pm - JCR

Aashini: +91 9991344147
Vipninder: +91 8699112029

Register at [facebook.com/thechemistrysociety](https://www.facebook.com/thechemistrysociety)



Exciting Cash Prizes to be Won!



Online Photography Competition

Date – March 29, 2017

One such photograph submitted is given below.

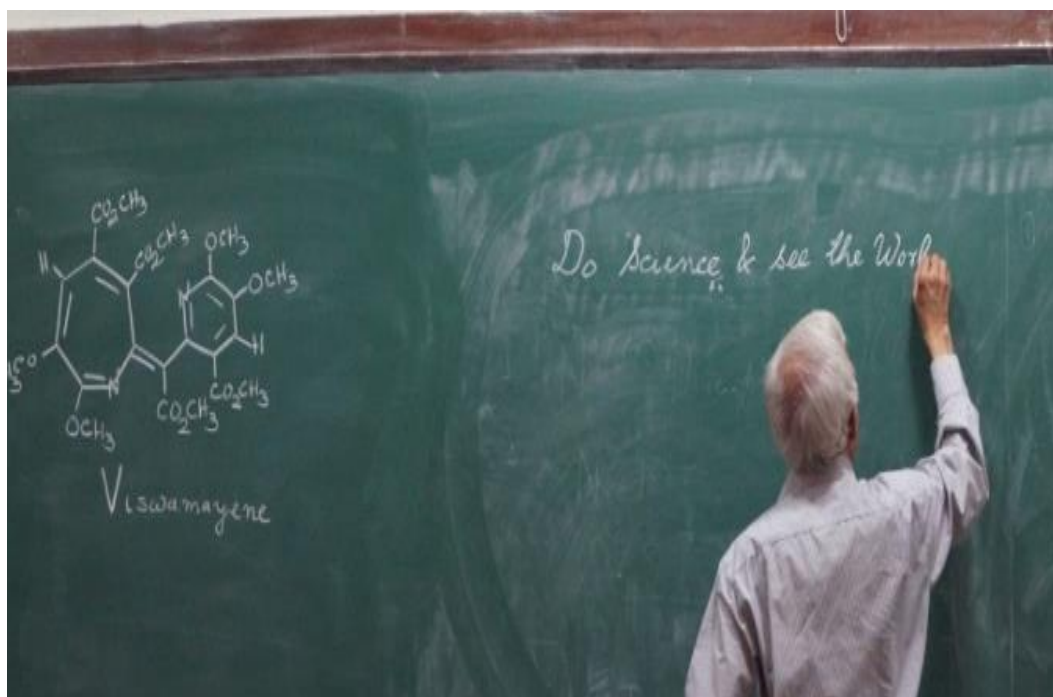


Closing Lecture by Professor S.V. Eswaran

Date – March 29, 2017

The society ended the year with a closing lecture by Prof. S.V. Eswaran. This day was specifically chosen in order to mark the first death anniversary of Prof. Charusita Chakravarty.





10. Departmental Farewell and Release of 'Oxygen' 2017 edition

Date – April 18, 2017

The Chemistry society's annual journal, Oxygen, was released during the farewell for the third years graduating 2016-17.





A summary of the events -

Date	Event organised	Level of the Event
17 th August 2016	Departmental Freshers	College Level
26 th August 2016	Inaugural Talk by Dr Shashank Deep: Controlling protein and peptide aggregation and its application in drug discovery	College Level
15 th September 2016	Interactive Session with Ms. Nuzhat Hassan	College Level
30 th September 2016	Visit to Sun Pharmaceuticals, Gurugram	College Level
1 st October 2016	Environmental Health Workshop by researchers from Centre for Environmental Health	College Level
24 th October 2016	Talk on current challenges in science and opportunities for young students by Professor V.S. Parmar	College Level
11 th January 2017	Paper Presentation Competition on various topics related to science	College Level
31 st January 2017	Charusita Memorial Lecture by Richard N. Zare, Chair, Department of Chemistry, Stanford University, USA	College Level
8 th , 9 th , 10 th March 2017	Annual Fest: Resonance	Inter-College Level
8 th March 2017	Keynote Address on integrating chemistry and biology with IT by Dr Jayaram	College Level
9 th March 2017	Paper Presentation Competition	Inter-College Level
10 th March 2017	Chemistry's Got Talent (showcase of talent with a twist of chemistry in it)	Inter-College Level
10 th March 2017	Closing Lecture by Prof S.V. Eswaran	College Level
29 th March 2017	Online Photography Competition	Inter-College Level
18 th April 2017	Departmental Farewell and Release of 'Oxygen'	College Level