

## Chemistry 2021-2022

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- 1. An online interactive session on Avenues after B.Sc. :** An interactive session on various future perspective and career options in India as well as abroad after completing graduation degree was organized on July 3<sup>rd</sup>, 2021. In this session various job opportunities and higher education options were discussed. The talk was given by Dr. Shrish Agnihotri along with alumni of the department. About 50 participants gained from this interactive session.

**Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)**

**Department of Chemistry**  
UNDER THE AEGIS OF IQAC

Presents  
an interactive session on

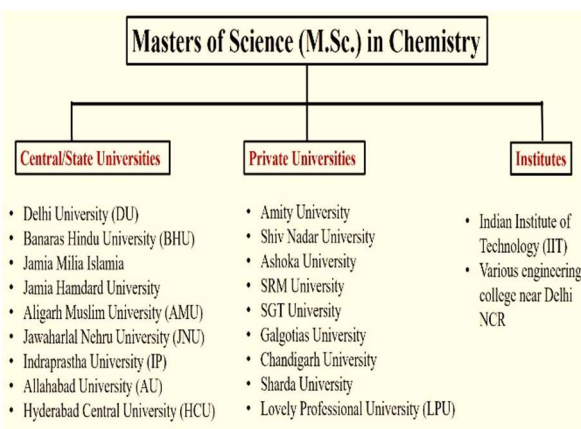
**AVENUES AFTER B.SC**

by  
**Dr. Shrish Agnihotri & Our Alumni**

Assistant Professor, Dr. Shrish Agnihotri along with Former students of Chemistry department, who are presently pursuing courses in IIT, IISER, TIER, foreign universities, and/or preparing for exams like SSC, ICLTS, CAT, etc. are bringing forth an interactive session on avenues after graduation.

Organised by:  
**ALCHEMY**  
The Chemical Society

Time: 04:00 p.m.  
Date: July 3, 2021  
Google Meet link:  
<https://meet.google.com/zjb-ptur-vot>



## 2. Meme-O-Mania:

"Meme-O-Mania", an online inter-college meme creating competition with the topic "Chemistry through your eyes," was organized by *Alchemy*, student society of Department of Chemistry on January 24, 2022. Ms. Deeksha Verma of Christ University bagged first place, followed by Mr. Daksh Makhija of MAIT and Mr. Bhanu Pratap of DTU at second and third place, respectively. The event had enthusiastic participation from 35 students.



**Shaheed Rajguru College of Applied Sciences for Women**  
University of Delhi

**ALCHEMY**  
DEPARTMENT OF CHEMISTRY  
Presents an inter-College competition

**MEME-O-MANIA**  
(MEME MAKING COMPETITION)

**Rules:**

- No plagiarism.
- Only one entry per participant is allowed.
- No harsh or abusive language can be used.
- Registration via Google form is mandatory.
- Send your entries on [alchemyrcasw2016@gmail.com](mailto:alchemyrcasw2016@gmail.com)

**Prizes:**

- Cash prizes for the winners.
- E-certificates to all the participants.
- Shoutout on social media handles.

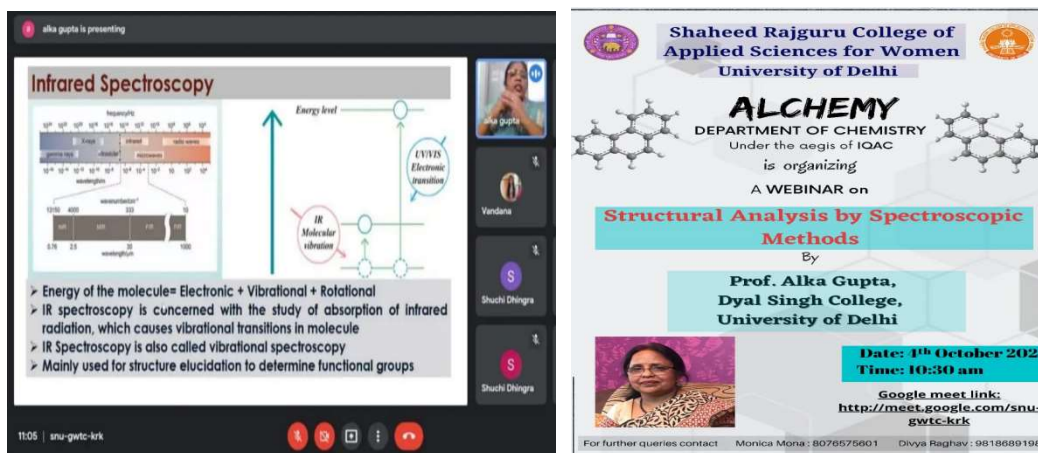
**Registration link :**  
<https://forms.gle/zRXC1Bppf1tejDJ88>

**Last date of submission :**  
10th October 2021

**Theme:**  
CHEMISTRY THROUGH YOUR EYES!  
Here or there, chemistry is everywhere. So look out for it through your eyes.

For further queries, contact : Monica : 8076575601 Divya Raghav : 9818689198

3. **Webinar on Structural Analysis by Spectroscopic Methods:** Prof Alka Gupta, Department of Chemistry, Dyal Singh College, University of Delhi. On the 4th of October 2021. The interactive session covered the spectroscopic approach for analysis effectively and was attended by 88 participants.



**Infrared Spectroscopy**

Energy level diagram showing transitions: UV/Vis Electronic transition, IR Molecular vibration.

Energy of the molecule = Electronic + Vibrational + Rotational

- IR spectroscopy is concerned with the study of absorption of infrared radiation, which causes vibrational transitions in molecule
- IR Spectroscopy is also called vibrational spectroscopy
- Mainly used for structure elucidation to determine functional groups

11:05 | sru-gwtc-krk

alka gupta is presenting

alka gupta, Vandana, Shuchi Dhangra, Shuchi Dhangra

**Shaheed Rajguru College of Applied Sciences for Women**  
University of Delhi

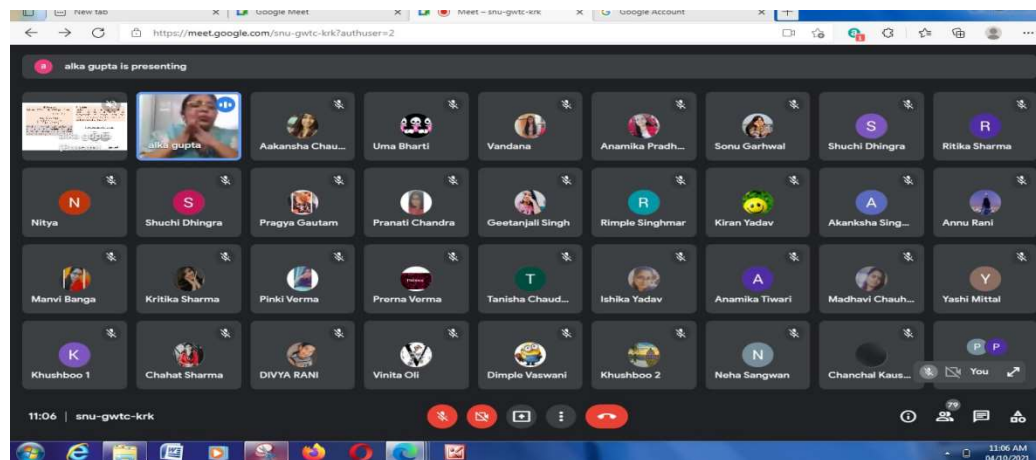
**ALCHEMY**  
DEPARTMENT OF CHEMISTRY  
Under the aegis of IQAC  
is organizing  
A WEBINAR on

**Structural Analysis by Spectroscopic Methods**  
By  
**Prof. Alka Gupta,**  
Dyal Singh College,  
University of Delhi

**Date: 4th October 2021**  
**Time: 10:30 am**

Google meet link:  
<http://meet.google.com/snu-gwtc-krk>

For further queries contact Monica Mona : 8076575601 Divya Raghav : 9818689198



#### 4. Online Technical Fest- TRAP:

The Technical Fest-*TRAP'22* was jointly organized by departments of Chemistry, Mathematics, Physics, and Statistics on 27th and 28th of January, 2022. The inaugural talk on *How to Read Scientific Literature* was delivered by Dr Anupama Harshal W, Consultant, MANAV- Human Atlas Initiative, IISER, Pune. Mr. Jitin Chawla, founder and director of North India's topmost Center for Career development gave the second talk on *Emerging opportunities after undergraduate studies*. The students were apprised about various employment and higher education options open to them after completion of bachelor's degree.

Various online competitions such as skit making competition- *Unleash the Green*, which highlighted the importance of Green Chemistry in today's world, as well as an advertisement making competition- *Reveal the Truth*, which aimed to expose the dark side of popular advertisements and provide an honest view, engaged the enthusiastic students. The event drew active participation by more than 100 students from various colleges, making it a memorable occasion.

Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)  
Accredited by NAAC with 'A+' grade  
Department of Chemistry presents

## UNLEASH THE GREEN

SKIT COMPETITION  
Theme: Green Chemistry Sustainable Chemistry

### TRAP '22

**RULES:**

- The skit can be bilingual.
- Duration of the video : 10 mins (maximum).
- Single entry per person is allowed.
- No plagiarism would be entertained.
- Non adherence to the rules will lead to disqualification.
- You can also include your family members/ friends in the skit.
- Submit your entries at [alchemyrcaaw2016@gmail.com](mailto:alchemyrcaaw2016@gmail.com)

For further queries, contact:  
Monica Mona- 807675601  
Tarushi Sharma- 959915536

Deadline for submission:  
27th January, 2022

**PERKS:**

- Exciting cash prizes for the winners.
- E-certificates to all the participants.

Win cash prizes  
₹1500  
₹1200  
₹800

**MEDIA PARTNERS :**

Shaheed Rajguru College of Applied Sciences for Women (University of Delhi)  
Accredited by NAAC with 'A+' grade  
Department of Chemistry, Mathematics, Physics and Statistics under the aegis of IQAC

## TRAP'22

presents  
an informative talk on  
Emerging opportunities after undergraduate studies

**Jitin Chawla**  
Founder and Director, Centre for Career Development

Date : January 28 , 2022  
Time : 10:00 am onwards  
Platform : Google meet  
Registration link:  
<https://forms.gle/eTV9yBKyCcgRxvu9>

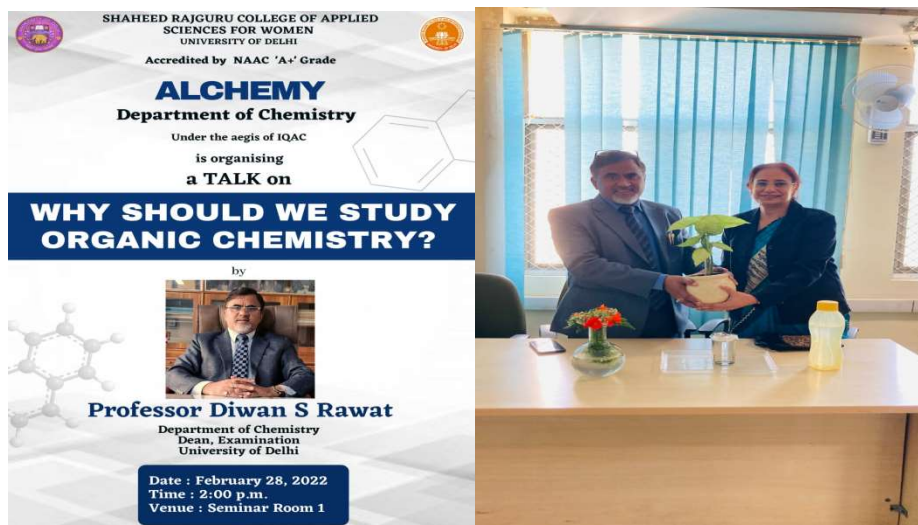
Last date to register :  
January 26, 2022

For further queries, contact:  
Deepanshi Sharma : 70285 08090  
Mahak Mukujan : 82856 08905

**MEDIA PARTNERS :**

### 5. Seminar on 'Why should we study Organic Chemistry'

An offline seminar on "Why should we study Organic Chemistry" was delivered by Prof. Diwan Singh Rawat, Department of Chemistry, University of Delhi on February 28, 2022. It was an engaging and interactive session and was attended by 49 participants.



**6. Trip to Loha Garh Farm:** A one-day trip to Lohagarh Farm, Gurugram was organized on March 25, 2021. The trip was immensely enjoyed by 56 students.

