
Departmental Annual Report – 6
Departmental Activities: Curriculum and Beyond

Society: Rasayanika

Year: 2023-2024

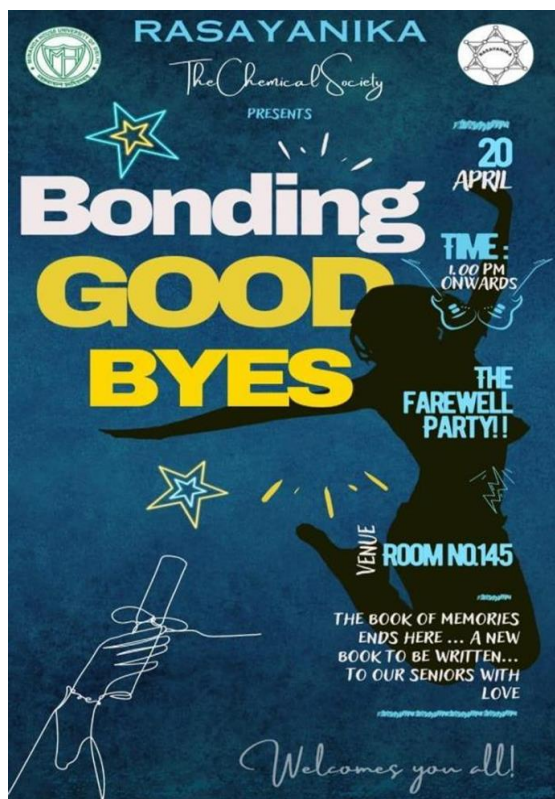
Staff Advisors: Dr. Nutan Rani and Dr. Sujata Sengupta

Office Bearers:

President	Vice President	General Secretary	Treasurer
Bhama M	Lisha	Hiteshi Gehlawat	Kirti Kaushal

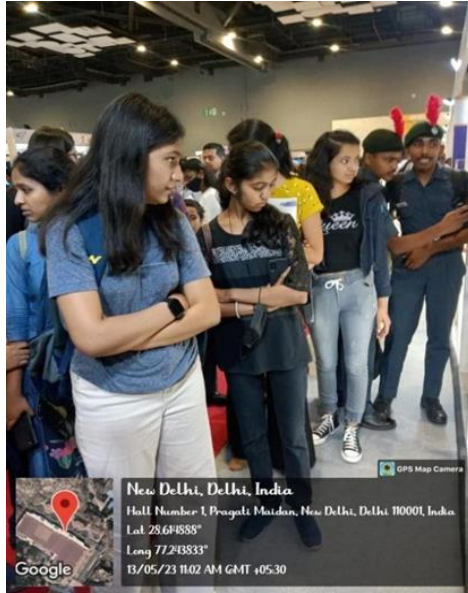
Rasayanika, Chemical Society, Miranda House, has had an active and enriching academic session 2023-24. It was actively involved in **organizing** various **seminars and workshops** to create a holistic environment of learning beyond classrooms. Key activities also included arranging a **Bridge Course**, Fresher's Welcome, Farewell party, lectures by various eminent speakers, and a Student Excursion.

In April 2023, the newly established Union for *Rasaynika* began its tenure with a significant event: the **Farewell Party for the Batch 2020-23 students**. Held on April 20, 2023, the event, aptly titled "**Bonding GOOD BYES**," was a poignant and celebratory occasion. The day commenced with an inspiring address from Professor (Dr.) Kalawati Saini, the Teacher In Charge. The program featured an array of engaging activities, including lively music and dance performances. A highlight of the event was the ramp walk, where the students, dressed in elegant attire, showcased their grace and confidence. The festivities included team-based games such as dumb charades and musical chairs. Each student was given a creative title and presented with a graduation cap, adding a personal touch to the celebration. The Farewell Party was a blend of joy, nostalgia, and heartfelt emotions. As the graduating students prepared to leave their three-year home, they carried with them cherished memories and a deep sense of gratitude.



On May 13, 2023, 28 students from the Department along with student coordinator from INMAS, DRDO, visited Pragati Maidan, Delhi, for the **National Technology Week-2023 event, themed "School to Startup."** Upon arrival, the group was welcomed by DRDO officials and directed to the exhibition hall. The students were highly impressed by the innovative displays and found the exhibition both informative and engaging. The event provided a visually stimulating experience and sparked the students' interest in exploring science more deeply. Following the exhibition, the students attended a seminar organized by DRDO, India. Esteemed speakers included Mr. Rahul Lahane (Founder and CEO of ChiStats), Dr. Aprajita Bandyopadhyay (DRDO Industry Academia Centre of Excellence, IIT Delhi), Mr. Yasas Karanam (COO and Co-founder of Bellatrix Aerospace), among other prominent figures. The seminar offered valuable insights into various fields of scientific research. The students also had the opportunity to interact with DRDO Chairman Dr. Samir V. Kamat and other DRDO officials. This interaction provided a platform for further discussion and engagement with the leaders in the field.





DATE:: 13 MAY 2023

DRDO EVENT

S.NO	NAME	ROLL N	SIGN
1	AARZOO		
2	AASTHA BHASIN	542	<i>Aastha</i>
3	ABHILASHA	431	<i>Abhilasha</i>
4	ANSHIKA SHARMA	518	<i>Anshika</i>
5	ANJUMOL P.	A82	<i>Anjumol</i>
6	ARTI YADAV		<i>Arti</i>
7	AYSHA		
8	AYUSHI		
9	BHAMA M	490	<i>Bhama</i>
10	CHITHRA	124	<i>Chithra</i>
11	DEVIKA KS	1125	<i>Devika</i>
12	DIKSHA	280	<i>Diksha</i>
13	ISHA DESHWAL		
14	ISHA SHRMA		
15	ISHA	682	<i>Isha</i>
16	ISU		
17	JAVA RAUTELA	1016	<i>Java</i>
18	KHUSHBOO		
19	KUNALI	563	<i>Kunali</i>
20	LISHA		
21	MEGHA		
22	NANDANA NARAYANAN	267	<i>Nandana</i>
23	NANDANA P	153	<i>Nandana</i>
24	NARAYATHA JENU		<i>Narayatha</i>

25	NEHA		
26	NEHA		
27	NIBHA	508	<i>Nibha</i>
28	PALLAVI	1320	<i>Pallavi</i>
29	POOJA	1027	<i>Pooja</i>
30	POOJA	1078	<i>Pooja</i>
31	PRACHI		
32	RITU		
33	SADHANA		
34	SAI DOLLY	1167	<i>Sai</i>
35	SANJU YADAV	446	<i>Sanju</i>
36	SHABNAM	873	<i>Shabnam</i>
37	SHREYA	1197	<i>Shreya</i>
38	SNEHA ELIZABETH		
39	TANU	769	<i>Tanu</i>
40	TANYA NAGLE	1107	<i>Tanya</i>
41	TEJKA		
42	TRISHNA		
43	TWINKLE		
44	UJWALA	1040	<i>Ujwala</i>
45	VISHAKHA	616	<i>Vishakha</i>

RASAYANIKA REBONDING

As part of the it's annual *Rasaynika Rebonding Series* - Rasayanika, had the honor of hosting its distinguished alumna, Dr. Debodhonyaa Sengupta, President of the South Asian Bar Association in Washington, DC, and Partner at Dentons, USA on May 17, 2023,. The session was organized as part of its ongoing engagement with former students. Dr. Sengupta commenced the session by reflecting on her educational background and experiences at Miranda House. She recounted her academic journey, extracurricular activities, and the meaningful connections she established during her time at the institution. She proceeded to outline her professional trajectory since graduation, detailing significant milestones, challenges faced, and notable achievements. Dr. Sengupta highlighted how her education at Miranda House was instrumental in shaping her career decisions and successes. Throughout her talk, she shared valuable insights and lessons learned from her career, emphasizing the significance of teamwork, perseverance, and lifelong learning. She encouraged students to view failures as opportunities for growth and to continually strive for personal and professional development. The session concluded with a vote of thanks and a token of remembrance, presented by Dr. Amrita Tripathi Sheikh, expressing gratitude for Dr. Sengupta's inspiring and informative contribution.

The poster is a vertical rectangle with a blue and purple gradient background. At the top left is the logo of Rasayanika Chemical Society, and at the top right is the logo of IQAC, Miranda House. The text in the center reads: "Rasayanika Chemical Society Miranda House in collaboration with IQAC, Miranda House Organizes Rasayanika Rebonding Interaction with Alumna". Below this is a circular portrait of Dr. Debodhonyaa Sengupta. Underneath the portrait, her name and titles are listed: "Dr Debodhonyaa Sengupta Partner, Dentons, USA President South Asian Bar Association (SABA), Washington DC". The date and time are given as "Wednesday 17 May 2023 1pm Chemistry Lab #3 (157)". At the bottom, three staff members are listed: "Dr. Nutan Rani, Dr. Sujata Sengupta, Staff Advisors, Rasayanika"; "Prof. Kalavati Saini, Teacher in Charge, Department of Chemistry"; and "Prof. Bijyalaxmi Nanda, Principal, Miranda House". At the very bottom, it says "For Queries Contact: Kirti Kaushal and Hiteshi Gahlawat, IH Chemistry".

Rasayanika
Chemical Society
Miranda House
in collaboration with
IQAC, Miranda House

Organizes

Rasayanika Rebonding
Interaction with Alumna

Dr Debodhonyaa Sengupta
Partner, Dentons, USA
President South Asian Bar Association (SABA),
Washington DC

Wednesday 17 May 2023
1pm
Chemistry Lab #3 (157)

Dr. Nutan Rani
Dr. Sujata Sengupta
Staff Advisors, Rasayanika

Prof. Kalavati Saini
Teacher in Charge
Department of Chemistry

Prof. Bijyalaxmi Nanda
Principal
Miranda House

For Queries Contact: Kirti Kaushal and Hiteshi Gahlawat, IH Chemistry



RASAYANNA
The Chemical Society, Miranda House
Presents
Rasayanna Rebounding
Interaction with Alumni

S.No.	Name	Department	Roll Number	E-mail ID	Signature
01	Ki	BSC Chemistry	2002001	ki@delhi.ac.in	
02	Neha	BSC Chemistry	2002002	neha@delhi.ac.in	
03	Prachi	BSC Chemistry	2002003	prachi@delhi.ac.in	
04	Arushi	BSC Chemistry	2002004	arushi@delhi.ac.in	
05	Divya	BSC Chemistry	2002005	divya@delhi.ac.in	
06	Prachi	BSC Chemistry	2002006	prachi@delhi.ac.in	
07	Prachi	BSC Chemistry	2002007	prachi@delhi.ac.in	
08	Prachi	BSC Chemistry	2002008	prachi@delhi.ac.in	
09	Prachi	BSC Chemistry	2002009	prachi@delhi.ac.in	
10	Prachi	BSC Chemistry	2002010	prachi@delhi.ac.in	
11	Prachi	BSC Chemistry	2002011	prachi@delhi.ac.in	
12	Prachi	BSC Chemistry	2002012	prachi@delhi.ac.in	
13	Prachi	BSC Chemistry	2002013	prachi@delhi.ac.in	
14	Prachi	BSC Chemistry	2002014	prachi@delhi.ac.in	
15	Prachi	BSC Chemistry	2002015	prachi@delhi.ac.in	
16	Prachi	BSC Chemistry	2002016	prachi@delhi.ac.in	
17	Prachi	BSC Chemistry	2002017	prachi@delhi.ac.in	
18	Prachi	BSC Chemistry	2002018	prachi@delhi.ac.in	
19	Prachi	BSC Chemistry	2002019	prachi@delhi.ac.in	
20	Prachi	BSC Chemistry	2002020	prachi@delhi.ac.in	
21	Prachi	BSC Chemistry	2002021	prachi@delhi.ac.in	
22	Prachi	BSC Chemistry	2002022	prachi@delhi.ac.in	
23	Prachi	BSC Chemistry	2002023	prachi@delhi.ac.in	
24	Prachi	BSC Chemistry	2002024	prachi@delhi.ac.in	
25	Prachi	BSC Chemistry	2002025	prachi@delhi.ac.in	
26	Prachi	BSC Chemistry	2002026	prachi@delhi.ac.in	
27	Prachi	BSC Chemistry	2002027	prachi@delhi.ac.in	
28	Prachi	BSC Chemistry	2002028	prachi@delhi.ac.in	
29	Prachi	BSC Chemistry	2002029	prachi@delhi.ac.in	
30	Prachi	BSC Chemistry	2002030	prachi@delhi.ac.in	

31	Prachi	BSC Chemistry	2002031	prachi@delhi.ac.in	
32	Prachi	BSC Chemistry	2002032	prachi@delhi.ac.in	
33	Prachi	BSC Chemistry	2002033	prachi@delhi.ac.in	
34	Prachi	BSC Chemistry	2002034	prachi@delhi.ac.in	
35	Prachi	BSC Chemistry	2002035	prachi@delhi.ac.in	
36	Prachi	BSC Chemistry	2002036	prachi@delhi.ac.in	
37	Prachi	BSC Chemistry	2002037	prachi@delhi.ac.in	
38	Prachi	BSC Chemistry	2002038	prachi@delhi.ac.in	
39	Prachi	BSC Chemistry	2002039	prachi@delhi.ac.in	
40	Prachi	BSC Chemistry	2002040	prachi@delhi.ac.in	
41	Prachi	BSC Chemistry	2002041	prachi@delhi.ac.in	
42	Prachi	BSC Chemistry	2002042	prachi@delhi.ac.in	
43	Prachi	BSC Chemistry	2002043	prachi@delhi.ac.in	
44	Prachi	BSC Chemistry	2002044	prachi@delhi.ac.in	
45	Prachi	BSC Chemistry	2002045	prachi@delhi.ac.in	
46	Prachi	BSC Chemistry	2002046	prachi@delhi.ac.in	
47	Prachi	BSC Chemistry	2002047	prachi@delhi.ac.in	
48	Prachi	BSC Chemistry	2002048	prachi@delhi.ac.in	
49	Prachi	BSC Chemistry	2002049	prachi@delhi.ac.in	
50	Prachi	BSC Chemistry	2002050	prachi@delhi.ac.in	

IPR AWARENESS PROGRAMME

On June 5th, 2023 an Intellectual Property Rights (IPR) awareness programme was organized under the National Intellectual Property Awareness Mission (NIPAM) of the Government of India in collaboration with the Department of Chemistry, Miranda House, University of Delhi under the kind patronage of Dr. Bijayalaxmi Nanda, (Principal of Miranda House, University of Delhi). The invited speaker spoke on the basics of IPR, specifically, patenting in chemistry. She elucidated upon the patent filing procedure and law and specifications concerned with patenting. The session comprised about 100 attendees.

Registration Link - <https://forms.gle/dhtevqLeGHpnkjvX7>



Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs & Trademarks

IPR Awareness Programme (Under National Intellectual Property Awareness Mission)

in collaboration with
Department of Life Science, Miranda House, University of Delhi
05-06 June 2023, 5:00 PM

for
B.Sc. (Hons) Chemistry I year and
B.Sc. Life Sciences II year students of Miranda House only

Scan for
Registration




Google meet Link: <http://meet.google.com/tku-nfea-bxk>

Patron Prof. Bijayalaxmi Nanda Principal Miranda House	Coordinator Prof. Kalawati Saini Teacher in Charge Department of Chemistry	Coordinator Dr Yogesh Kumar	Coordinator Dr Preeti Droiya	Coordinator Ms P. Lishinai Paoteimai
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umutha (Presenting)

PATENT





- . The Patents Act, 1970
- . Monopoly right/ Exclusive right/ Territorial right.
- . Techno-legal rights given by the government to the inventors over a specified time period (20 years) for the disclosure of their invention that provides a new technical solution to a problem.
- . Preventing others from making, using, selling, offering for sale or importing.

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Lecture Session by Dr. Hitesh Handa


On **July 17, 2023**, Rasayanika proudly hosted **Dr. Hitesh Handa**, Associate Professor at the College of Engineering, University of Georgia, USA, for an engaging interactive session with students. Dr. Handa began by sharing an overview of his educational background and career trajectory. He provided a detailed account of his research work, presenting complex ideas in a simplified and accessible manner. The session was both informative and inspiring, offering students valuable perspectives on his field of expertise. Approximately 30 students attended the event, which included a **Q&A session**. Dr. Handa highlighted the importance of having good mentors, the value of teamwork, and the need for consistent hard work and dedication. The event concluded with a token of appreciation presented by TIC, Professor (Dr) Kalawati Saini. Dr. Annushka Pal delivered the vote of thanks, expressing gratitude for Dr. Handa's contribution to the session.





RASAYANIKA
 THE CHEMICAL SOCIETY
 MIRANDA HOUSE
 Organizes
 Invited Talk

FROM BENCHTOP TO BEDSIDE
NITRIC OXIDE RELEASING MATERIALS FOR PREVENTION
OF THROMBOSIS AND INFECTION OF MEDICAL DEVICES

 **17 JULY 2023**
 **11:00 AM**
 **ROOM NUMBER 145**



Dr Hitesh Handa
 Associate Professor
 School of Chemical Materials &
 Biomedical Engineering
 Department of Pharmaceuticals &
 Biomedical Sciences
 University of Georgia, USA

Registration Link:
https://docs.google.com/forms/d/e/1FAIpQLS_duKXW7Pv-BldYIedBogj1LzqgFt6L-dK3q3qz11BmHq/viewform?usp=cf_link

For Any Queries Contact:
 Bhama M (President) : 940058470
 Lisha (Vice-president) : 79885 72122

Dr Anushka Pal Coordinator Department of Chemistry Miranda House	Dr Nutan Rani Dr Sujata Sengupta Staff Advisors Rasayanika	Prof. Kalawati Saini Teacher-in-Charge Department of Chemistry Miranda House	Prof. Bijayalaxmi Nanda Principal Miranda House
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ORIENTATION OF BATCH 2023-26

As the **new academic session officially began**, on **August 8, 2023**, the Department of Chemistry, Miranda House **warmly welcomed** the incoming batch of 2023-2026. The **orientation session** aimed to introduce the new students to the society and its activities. The session commenced with Dr. Sujata Sengupta (staff advisor *Rasayanika*), who provided an overview of the department, the course structure, and the syllabus to the freshers. Afterthat, *Rasayanika* members introduced themselves and outlined the various events and activities planned for the academic year.

After the session, attendees were given refreshment coupons and enjoyed a brief tour of the campus. The core team guided the new students through the visually appealing facilities, including labs, classrooms, and libraries. The day ended with *Rasayanika* extending a warm welcome to all new students, wishing them success and a fulfilling journey at Miranda House.



ACTIVE LEARNING WORKSHOP

To promote creative teaching strategies and raise student interest in the latest topics of chemistry, the Department of Chemistry, Miranda House, organized an **Active Learning Workshop in Chemistry** on 8 August 2023. To share ideas and best practices in chemistry instruction, this session was specially created for the teachers and students of **Lotus Valley International School in Gurugram**. Prof. (Dr) Smriti Sharma Bhatia and Dr Sujata Sengupta from the department delivered lectures on key areas - **Computational and Green Chemistry**. A hands-on workshop session was conducted to demonstrate various active learning techniques and best practices of the department. Teachers who use active learning tactics can help students develop a deeper understanding of the material and take an active role in their education. We thank the students from Lotus Valley International School in Gurugram for their enthusiastic engagement and look forward to working together to further the field of chemistry teaching in the future.



RASAYANIKA

The Chemical Society
MIRANDA HOUSE

Invites

**LOTUS VALLEY INTERNATIONAL SCHOOL,
GURUGRAM**

For

Active Learning Workshop in Chemistry

 8 August 2023

 9.00 am - 1.00 pm

 Miranda House,
University of Delhi, Room no. 145

Teacher-in-charge:
Prof. KALAWATI SAINI

For any queries contact:
BHAMA, M(President) : 94005 66470
LISHA(Vice-president) : 7988572122



INTERNATIONAL CONFERENCE ON SMART CONSUMPTION AND SUSTAINABLE LIVING - 2023

The Department and Rasayanika were proud to organize the International **Conference on Smart Consumption and Sustainable Living (ICSCSL 2023)** on the **theme Approaches to Combat Environmental Pollution** from 24 - 25 August 2023. The event saw **seven sessions** involving prominent scientists addressing the students and faculty.

DAY 1: The first day began with a warm welcome extended to the chief guest, **Prof. Sushma Yadav**, Pro Vice-Chancellor at the Central University of Haryana. The NCC cadets escorted Prof. Yadav to the venue. She then inaugurated the event by lighting the ceremonial lamp. The proceedings commenced with her welcome address, and the Principal presented her with a token of remembrance.





The first lecture was delivered by **PROF. CHANDER KUMAR SINGH**, Head and Professor of Department of Natural and Applied Sciences TERI School of Advanced Studies, Delhi. Prof. Chander Kumar Singh delivered an insightful lecture on arsenic contamination in water bodies, with a focus on South Asian countries, particularly India. He detailed the severe toxicity of arsenic, illustrating its harmful effects on individuals who consume or use arsenic-polluted water. Prof. Singh discussed various sources of arsenic pollution, such as handpumps and crops irrigated with contaminated water. Through extensive research in India, he tested numerous handpumps and discovered that nearly all handpumps in North Indian states were contaminated with arsenic. He also highlighted the impact of political factors on the severity of the issue, noting that resource allocation in parts of Punjab was suboptimal. Prof. Singh recommended transitioning from handpumps to wells and mentioned efforts to assist local communities with alternative solutions, although some residents were reluctant to cooperate.

The second lecture of the day was delivered by **Prof. Dinesh Kumar**, Professor and Principal Scientist at the Center for Environment Science and Climate Resilient Agriculture (CESCRA), Indian Agricultural Research Institute – IARI, Delhi, delivered a presentation on **biomass burning**, with a particular focus on rice residue burning. He outlined the various adverse effects of biomass burning, including increased pollution levels, deterioration of water quality, reduced crop yield and farm income, and negative impacts on human health.

Prof. Kumar described the practice of burning crop residues by farmers in Haryana and Punjab, which has led to significant ecological issues. This practice results in the emission of greenhouse gases such as nitrous oxide, methane, and carbon dioxide, as well as aerosols and toxic gases. He explained that

biomass burning negatively affects soil by altering its texture, composition, pH, and fertility, which in turn reduces productivity and disrupts the regulating ecosystem. He also highlighted that major global challenges include overpopulation and climate change.



The final lecture of the day was delivered by Dr. Shyamala Mani, Senior Advisor for WASH and Waste Management at the Public Health Foundation of India and the Centre for Environmental Health, addressed the pressing need to address human greed, which drives the relentless exploitation of natural resources without consideration for replenishment. She emphasized the importance of recognizing and controlling our consumption and production patterns to support the sustainability of circular economies. Dr. Mani discussed the physical and psycho-social impacts of climate change on the Indian subcontinent, highlighting its effects on agriculture, water resources, health, energy, transportation, tourism, and disaster management. She noted the increased vulnerability to climate extremes such as tropical cyclones, crop losses, and droughts. These conditions contribute to severe consequences, including heat stress-related deaths, urban flooding, heat and cold waves, and the spread of communicable diseases like malaria, dengue, and cholera. These issues result in substantial economic and social burdens on the country and its population.



DAY 2

SHRI VED PRAKASH MISHRA, Director CAQM & HSM division (MOEF&CC) was the **guest of honor** and delivered the welcome address.

DR. JITENDER KUMAR, CMO (Psychiatrist) & Nodal Officer (Bio- medical Waste Management), Hindu Rao Hospital Delhi, spoke on the chemistry of Biomedical wastes. He started his lecture by showing a video about biomedical waste management which was practiced during the COVID-19 pandemic in hospitals. He talked about the bio-medical waste management rules, the need for proper waste management, and **salient features of BMW Management Rules, 2016**. He told us about punishment for noncompliance, like the occupier or an operator of a common bio-medical waste treatment facility shall be liable for all the damages caused to the environment, imprisonment for five years, or a fine of one lakh rupees. The lecture was greatly appreciated by the participants. The lecture was enlightening and knowledgeable. The presentation was so very good that he gained all the attention of the audience.



DR. ALOK MUKHERJEE, Scientific Secretary SASCOM and Centre on Global Change South Asia highlighted the role that the average person may play in implementing sustainable practices into our daily lives and preventing the spread of calamity and dread among living things. He started his lecture with the hope of bringing about a better change in nature, above and beyond the exploitation done by mankind already. His lecture focused on integrated data analysis and the qualitative junction between geographical, atmospheric, climatological, and physical studies to ensure that data and reforms are better collectivized to operate more efficiently and quickly. He brought to light the sickened conditions of hill stations due to insensitive tourism practices.



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The last and final lecture of the event was given by **PROF. KAUSHAL KUMAR SHARMA**,

Dean, School of Social Sciences and Professor, Centre for Study of Regional Development Jawaharlal Nehru University (JNU). Prof. Sharma spoke about globalization, technology transfer, precision agriculture, and policymaking in terms of the environment and agricultural aspects. Citing examples of the vulnerability of places like Himachal Pradesh and Uttarakhand, he brought to light the dire ramifications of human encroachment into nature and the unfathomable wrath it is inflicting on the natural environment. He urged students to be conscious of the fact that 'nature tends to work according to its goodwill and not according to how humans want it to act' and at the same time lectured about the need to make conscious and sensitive choices toward nature by making manageable choices in our lifestyle.




**International Conference On
Smart Consumption and Sustainable Living**
ICSCSL 2023
Theme: Approaches to Combat Environmental Pollution


Patron
 Prof. Kaushal Kumar Sharma
 Principal
 Miranda House

Speakers


Prof. Dinesh Kumar Sharma
 Professor/Principal Scientist
 Centre for Environment Science and
 Sustainable Resource Agriculture (CESARA)
 All India Agricultural Research Institute
 (ICAR)
 India


Prof. Kaushal Kumar Sharma
 Dean, School of Social Sciences
 Professor, Centre for the Study of Regional Development
 (Central List India University) (CSRI)
 India


Dr. Chandra Kumar
 (JAI) (Dr. Chandra Kumar)
 Reader (Officer (Bio Medical Waste
 Management))
 Mirinda House (Delhi)
 India


Dr. Chandra Kumar Sharma
 Head and Assistant Professor
 Department of Natural and Applied Sciences
 (NAS)
 India


Dr. Alok Mukherjee
 Assistant Professor
 Institute for Global Change
 Health Asia

 **24-25 August 2023**

 **Miranda House, University of Delhi**



Registration Details

Student (UG)	INR 350/-
Student (PG)	INR 700/-
Researcher	INR 1500/-
Faculty/Scientist/ Industry	INR 2500/-

Eco-friendly
sustainable
registration kits with
planters for all!

Account Holder: Principal, Miranda House
 Bank Name: State Bank of India
 Branch: Miranda House, North Campus
 Account Number: 10881301302
 IFSC Code: SBIN0010434
 MICR: 110002430
**(Save the transaction details for uploading)*

Registration Link <https://forms.gle/y7WRrR5KrVIPmM2b6>
**Limited Seats Only*

Call for abstracts

Send Abstracts on icscs123@mirandahouse.ac.in
 before 20 August 2023.
 Selected articles to be published as Conference Proceedings
 in a Journal with an ISSN.

For more details, visit
icscsi.org

International Conference on Smart Consumption and Sustainable Living
ICSCSL 2023
 Theme: Approaches to Combat Environmental Pollution
 24-25 August 2023
 Miranda House
 University of Delhi
 Delhi India

Chief Guest
 Prof. Sushma Yadav
 Pro Vice-Chancellor
 Central University of Haryana
 Haryana

Guest of Honour
 Sh. Vaid Prakash Mishra
 Director
 HQ&R Division
 Ministry of Environment,
 Forest & Climate Change
 (MOEF&CC)
 Delhi

International Conference On Smart Consumption and Sustainable Living
ICSCSL 2023
 Theme: Approaches to Combat Environmental Pollution

24-25 August 2023
 Miranda House, University of Delhi

Day 1: Thursday, 24 August 2023

IST (hrs)	Event
9:00-10:00	Registration
10:00- 11:00	Inaugural Session Address of Honourable Chief Guest Prof. Sushma Yadav, Pro Vice-Chancellor, Central University of Haryana
11:00-11:15	Tea Break
11:15-12:15	Lecture 1 Prof. Chander Kumar Singh Arsenic Contamination of Ground Water: Insights, Challenges, and Mitigations
12:15-13:15	Lecture 2 Prof. Dinesh Kumar Sharma Quantification of Impact of Biomass Burning on Ecosystem Services
13:15-14:15	Launch
14:15-15:15	Lecture 3 Dr. Shyamala K. Mani The Role of Waste Management in Smart Consumption and Sustainable Living
15:15- 17:00	Oral Presentation / Poster Presentation
17:00-17:15	High Tea

International Conference On Smart Consumption and Sustainable Living
ICSCSL 2023
 Theme: Approaches to Combat Environmental Pollution

24-25 August 2023
 Miranda House, University of Delhi

Day 2: Friday, 25 August 2023

IST (hrs)	Event
10:00-11:00	Address of Guest of Honour Shri Y P Mishra, Director CAQM & BSM division (MOEF&CC)
11:00-11:15	Tea Break
11:15-12:15	Lecture 1 Dr. Jiender Kumar Promoting Ecological Balance through Innovative Biomedical Waste Management Strategies and Conscious Lifestyle
12:15-13:15	Lecture 2 Dr. Alok Mukherjee Impact of Climate Change and Natural Hazards on Sustainable Living, Biodiversity of Mountainous Terrain and Indo Gangetic Plains- Coping Strategies
13:15-14:15	Lunch
14:15-15:15	Lecture 3 Dr. Pankaj Kumar Socio-hydrological Approach for Water Resource Management and Human Well-being
15:15- 16:15	Lecture 4 Prof. Kaushal Kumar Sharma Globalization, Technology, Policy, and Precision Agriculture
16:15-17:45	Valedictory Session
16:45- 17:00	High Tea





INTERNATIONAL CONFERENCE ON SMART CONSUMPTION AND SUSTAINABLE LIVING
 (ICSSL 2023 IN)

S.NO	Name	Affiliation	Contact No.	Category	Participation	2023	2023	2023
1	Adarsh	Miranda House	9811112112	Student (UG)	Attending			
2	Aman	Miranda House	9811112112	Student (UG)	Attending			
3	Ananya	Miranda House	9811112112	Student (UG)	Attending			
4	Anshika	Miranda House	9811112112	Student (UG)	Attending			
5	Anshika	Miranda House	9811112112	Student (UG)	Attending			
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PLANTATION DRIVE

On August 31, 2023, the Department organized a **plantation drive** as an extension of the ICSCSL initiative. Faculty, laboratory staff, and students took part enthusiastically, planting a diverse range of plants across the college grounds. This effort underscored the **group's commitment to sustainable development and environmental stewardship**. By planting trees and enhancing green spaces, we are actively working to create a healthier and more resilient planet for future generations. We extend our gratitude to all the teachers, students, and lab staff who contributed to the success of the plantation drives. Let us continue to work together to preserve our natural heritage and build a greener, more sustainable future.



TEACHER'S DAY

On September 5, 2024, Rasayanika celebrated Teachers' Day, to honor and express gratitude to the teachers of the Chemistry Department. The event was simple, heartfelt, and well-attended by the entire department. The celebration began with a cake-cutting ceremony led by our teacher-in-charge, Prof. (Dr) Kalawati Saini. Students from all three years joined in to sing "Happy Teacher's Day" in unison, creating a lively and joyous atmosphere in the classroom. The cake was later shared among the students, and many moments were captured in both hearts and photographs. The day was further enriched by students who brought flowers to express their appreciation, making the occasion even more special for the teachers.



PARLIAMENT VISIT

On September 21, 2023, 78 students from Miranda House, including students of the department, accompanied by coordinators Ms. Shruti Sharma Sethi, Ms. P Lishinai Paoteimai, and Dr Shivani Kumari, visited the new **Parliament House**. Upon arrival, the group was warmly welcomed by officials who provided an overview of the new Parliament building's facilities, including its graphical interface, smart displays, and infrastructure. The group was then permitted to view the ongoing parliamentary session from the visitor's gallery. During their visit, they observed debates on the **Women Reservation Bill, 2023**, and discussions on the **success of Chandrayaan 3**. The students had the exciting opportunity to see prominent political figures such as S. Jaishankar, Anurag Thakur, and Jaya Bachchan. The visit to the Sansad Bhawan, a key symbol of the nation's democracy, was both motivating and inspiring.



FRESHERS 2023

Fresher's party "**Silsila Mulaqat ka**" was organized by *Rasayanika* on 10 October 2023 to welcome the new students to the department. The freshers got the chance to display their talent through an impressive ramp walk and performed with several impressive musical performances. The event was then enlightened by the teachers with the word of guidance and seniors with their amazing dance performances. Ms. Akansha Singh was declared as **Miss Fresher of the Year**, Srishti Singh and Soumya Mall were 1st and 2nd runners up respectively. The special title of **Ms Theme** was given to '**Neha Choudhary**' who dressed up in Himachal Ethnic. It was in all a very cheerful and memorable day.



 **RASAYANIKA**
DEPARTMENT OF CHEMISTRY
MIRANDA HOUSE 

**SILSILA
MULAKAT
KA '2023**

FRESHERS' PARTY
IT'S TIME TO CREATE NEW BONDS & CELEBRATE


THEME - DESI (STATE ETHNIC)
(BRING YOUR DESI GIRL OUT)

10 OCT ROOM NO. 145
TIMING - 1:00 PM




Lecture Series on "Chemistry for Life: Bonding Through Chemistry"


Rasayanika organized a lecture series titled "**Chemistry for Life: Bonding Through Chemistry**," held on October 19, 20, and 27, 2023. The first session on October 19, 2023, featured **Ms. Shivani Gupta** from the Academy for Life Skills. In her talk, Ms. Gupta explored the role of chemistry in everyday life and addressed various queries regarding career opportunities in the field. Her session was highly informative and well-received by the attendees. On October 20, 2023, the second session was led by **Prof. Sameer Sapra** from the Department of Chemistry at IIT Delhi. Prof. Sapra presented a simplified explanation of "**Quantum Dots**" and subsequently answered students' questions related to nanoscience, enhancing their understanding of this advanced topic. The final lecture of the series took place on October 27, 2023, with **Dr. Rachna Prasad**, Senior Scientist at the Centre for Biomedical Engineering, AIIMS, Delhi, as the speaker. Dr. Prasad delivered an enriching and insightful session, contributing significantly to the student's knowledge in the field. Overall, the lecture series provided valuable information and sparked engaging discussions on various aspects of chemistry, greatly benefiting the participants.




**DEPARTMENT OF CHEMISTRY
MIRANDA HOUSE**




**PRESENTS LECTURE SERIES
ON
CHEMISTRY FOR LIFE: BONDING THROUGH CHEMISTRY**



Ms. Shivani Gupta
Academy for life skills



Prof. Sameer Sapra
Department of Chemistry
IIT Delhi



Dr. Rachna Prasad
Senior Scientist
Centre for Biomedical Engineering
AIIMS, Delhi

DATE & TIME	VENUE
Oct 19, 2023 10:30 am -12:30 pm	158 (Mini auditorium)
Oct 20, 2023 3:00 pm - 4:30 pm	Room No. 145
Oct 27, 2023 11:00 am -12:30 pm	158 (Mini auditorium)

Prof. Kalawati Saini
Teacher-in-Charge
Department of Chemistry
Miranda House

Prof. Bijayalaxmi Nanda
Principal
Miranda House





INTERACTIVE SESSION WITH PROF. MORTEN P MENDAL

It was an honor and pride for Miranda House to welcome Professor Morten P. Mendel, Nobel Laureate in Chemistry, 2022, and his wife Dr. Phaedria Marie St. Hilaire, a Life Sciences Business Leader and DEIB Advocate, for an interactive session with faculty and students on 1st February, 2024. Professor Morten P. Meldal is a Danish chemist and Professor at the University of Copenhagen and Head of the Center of Evolutionary Chemical Biology, UCPH, Denmark. He was awarded the 2022 Nobel Prize in Chemistry along with Prof. Barry Sharpless and Prof. Caroline Bertozzi for their groundbreaking development of 'click chemistry and bioorthogonal chemistry'. Professor Meldal highlighted the importance of chemistry as a central science and its role in everyday life - from pharmaceuticals to agriculture and biomedical research. He further shared stories from his journey as a researcher and his experiences as a Noble Prize awardee. Much to the students' surprise and delight, Prof Meldal displayed his Noble Prize Medal to the audience. In simple words he explained the chemistry behind click chemistry, particularly highlighting its role in green and sustainable chemistry. When asked about the future direction of chemistry, Prof. Meldal felt click chemistry in the future years will revolutionize the pharmaceutical and polymer industry. His

words were an inspiration to the young minds of Miranda House. Dr. St. Hilaire advocated the need for young women to pursue careers in STEM. She discussed the importance of women in leadership roles and breaking the barrier for betterment of the society. Students asked a variety of questions -ranging from the stereoselectivity of the click reactions to its applications in the pharmaceutical industry and the obstacles young women often face while pursuing careers in science. The event was truly a remarkable one which would remain in the memories of students for a long time.

The poster is for an interactive session at Miranda House. It features the college's logo in the top left and a stylized '75' logo in the top right. The main text reads 'MIRANDA HOUSE INTERACTIVE SESSION With Professor Morten P. Meldal, University of Copenhagen, Denmark'. The event is scheduled for Thursday, 1 February 2024, at 12:00 PM in the Auditorium. A circular portrait of Professor Meldal is on the right. Below the date, it states 'WINNER OF THE NOBEL PRIZE IN CHEMISTRY 2022 For the Development of Click Chemistry and Bioorthogonal Chemistry'. At the bottom, the organizers are listed as Prof. Rekha Kumari (Department of Zoology) and Dr. Sujata Sengupta (Department of Chemistry). Prof. Bijayalaxmi Nanda, Principal, is also mentioned at the bottom right.

MIRANDA HOUSE

INTERACTIVE SESSION
With
Professor Morten P. Meldal
University of Copenhagen, Denmark

THURSDAY
1 FEBRUARY 2024

TIME 12:00 PM

VENUE AUDITORIUM

WINNER OF
THE NOBEL PRIZE
IN CHEMISTRY 2022
*For the Development of
Click Chemistry and
Bioorthogonal Chemistry*

Organizers:
Prof. Rekha Kumari, Department of Zoology
Dr. Sujata Sengupta, Department of Chemistry

Prof. Bijayalaxmi Nanda
Principal



Invited Talk by Prof. Alka Sharma

On February 27, 2024, *Rasayanika*, had the honor of hosting **Prof. Alka Sharma** from the Department of Chemistry at the University of Rajasthan, Jaipur, for an interactive talk with students. The Department of Chemistry organized this informative session. Prof. Sharma commenced her talk with an overview of her educational background and career. She then delved into the topics of nanomaterials and eco-sustainability, presenting these complex concepts in an engaging and accessible manner. The session was both enlightening and thought-provoking, attended by approximately 40 students. Following her presentation, Prof. Sharma participated in a Q&A session, addressing all student inquiries with clarity and insight. She underscored the importance of having good mentors, teamwork, and maintaining consistency in one's efforts to achieve success. The event concluded with a token of appreciation presented by Prof. Kalawati Saini, acknowledging Prof. Sharma's valuable contribution to the session.



RASAYANIKA

**THE CHEMICAL SOCIETY
MIRANDA HOUSE**



Organizes
Invited Talk

NANOMATERIALS & ECO-SUSTAINABILITY



27 FEBRUARY 2024
03:00 PM
Room No.:150

SPEAKER

PROF ALKA SHARMA
Department of Chemistry
University of Rajasthan
Jaipur



FOR QUERIES

BHAMA M (PRESIDENT) - 9400566470
LISHA (VICE PRESIDENT) - 7988572122






IUPAC-GWB 2024



IUPAC Global Women Breakfast is a global event celebrated to amplify the voices of women in the field of STEM. Although women continue to make significant progress in the field of science, strong efforts have to be taken to bridge the wide gap and disparity in their participation. As a women's institution, Miranda House continuously strives to promote young girls of the country to pursue careers in the science fields. For the past five years, the **Department of Chemistry has been actively participating in IUPAC GWB** - which is **celebrated in conjunction with the United Nations International Day of Girls in Science** and aims to promote women taking up careers in STEM. This year, the Department of Chemistry, Miranda House in collaboration with **Indraprastha Vigyan Bharati** organized a **two-day International Lecture Series in celebration of IUPAC - Global Women's Breakfast (GWB) 2024 and National Science Day 2024 on 26 and 28 February 2024**. The theme for IUPAC GWB 2024 was **"Catalyzing Diversity in Science"**. A curtain raiser webinar was held on 26th February 2024 and **Dr. Phaedra Marie St. Hilarie**, Life science business leader, DEIB Advocate, and Angel investor addressed the audience with her lecture titled: Navigating Gender Diversity in Science. She highlighted the difficulties women often face while pursuing careers in science and the need for more women to overcome the challenges and take up careers in science. Both faculty and students found the session extremely enriching and thought-provoking. In celebration of National Science Day, on 28th February 2024, the Department of Chemistry in collaboration with Vigyan Indraprastha Bharati, organized two seminars on the theme: Indigenous Technologies for Viksit Bharat. The two distinguished speakers for the day were **Dr. Rama Jayasunder**, Professor and Head of the Department of NMR, AIIMS, and **Dr. Munmun Ghosh**, Assistant Professor, Department of Chemistry, Ashoka University. Dr Rama Jayasunder addressed the young audience with a talk titled: Ordinary Women, Extraordinary in Pre-Independent India. She highlighted the role played by Indian women in pursuit of knowledge in the sciences - their struggles and success. Dr Munmun Ghosh spoke about her research in the area of hydrogen fuel cells - a

clean and flexible energy carrier. Both the sessions were enlightening and knowledgeable and well appreciated by faculty and students.

Viksit Bharat@2047

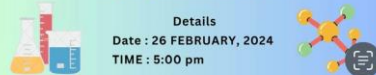


Department of Chemistry
Miranda House
In Collaboration With
Indraprastha Vigyan Bharati
celebrates
IUPAC GWB-2024
and
National Science Day
presents
International Seminar on Catalyzing Diversity in Science




Curtain Raiser Webinar
Dr Phaedria Marie St.Hilaire
Life Science Business Leader, DEB Advocate, Angel Investor
"Navigating Gender Diversity in Science"



Details
Date : 26 FEBRUARY, 2024
TIME : 5:00 pm



Viksit Bharat@2047



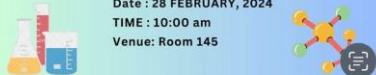
Department of Chemistry
Miranda House
In Collaboration With
Indraprastha Vigyan Bharati
celebrates
IUPAC GWB-2024
and
National Science Day 2024
on the theme
Indigenous Technologies for Viksit Bharat

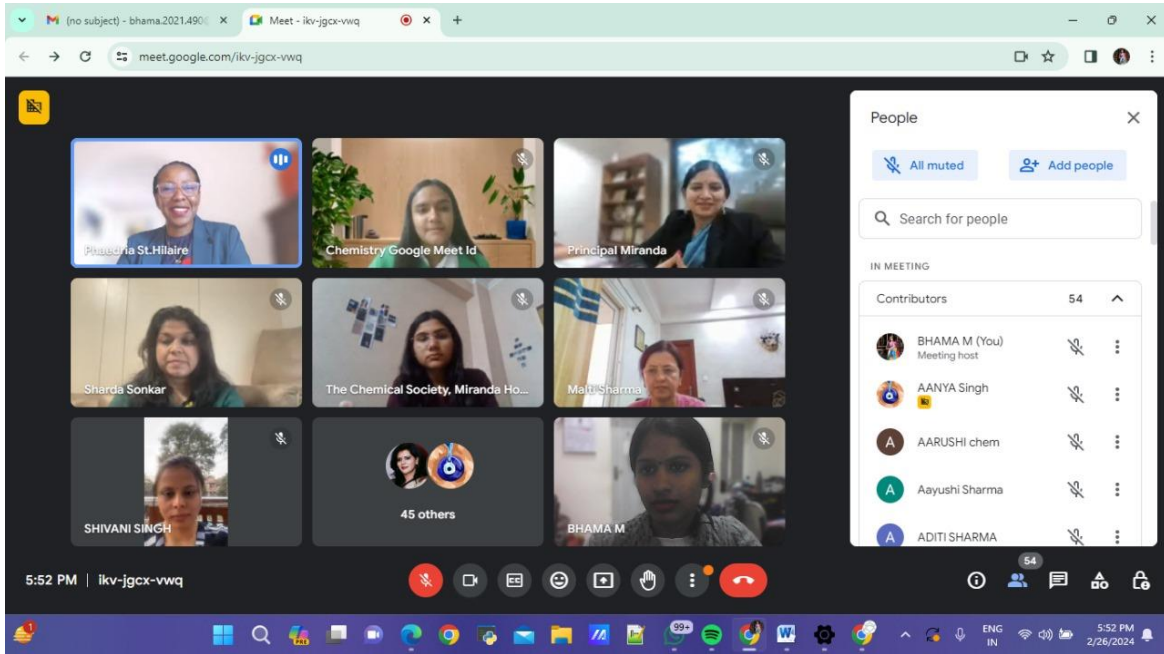


Dr. Rama Jayasundar
Professor & Head
Department of NMR
AIIMS

Dr. Munmun Ghosh
Assistant Professor of Chemistry
Ashoka University

Details
Date : 28 FEBRUARY, 2024
TIME : 10:00 am
Venue: Room 145







PRATIKRIYA 2024

On March 19, 2024, the *Rasaynika* hosted its annual fest, "*Pratikriya*," showcasing the theme "**Shades of Green**," which **focused on sustainability and green chemistry**. The fest featured a series of engaging activities, including guest lectures, alumni interactions, and various student competitions.

The day began with an insightful **lecture by Ms. Somya Satsangi**, Independent Director at Dr. Lal PathLabs. With over 28 years of experience in technology, business consulting, and human resources, Ms. Satsangi delivered a compelling talk on the scope of chemistry in various disciplines and its impact on the business sector.

Following Ms. Satsangi's lecture, the "**Rasayanika Rebonding**" session featured successful alumni from the department. The **alumni—Swati Jain, Ruchi Sharma Pandey, Akanksha Chauhan, Kanika Jain, Ekta Sangwan, and Priyanka Jain**—shared their experiences and provided valuable insights into life at Miranda House, as well as opportunities available both during and after college.

The afternoon was filled with a range of competitions for students from Miranda House and other institutions. These included:

- **Eureka Paper Presentation Competition:** Focused on the Nobel Prize 2023-winning discovery and applications of quantum dots. The presentations, judged by Dr. Vineeta and Ms. Priyanka Jain, showcased groundbreaking research in nanoscale semiconductor particles.
- **Prayog Lab Work Competition:** Tested students' practical skills and knowledge through hands-on lab activities and identification of equipment and glassware.
- **Sci-Quiz:** Covered topics related to carbon allotropes and quantum dots, featuring a preliminary round on carbon allotropes and a final round on quantum dots.
- **Sci-Lens Photography Competition:** Encouraged participants to capture scientific concepts through photography based on the theme "Science Around You." The judging panel, including Dr. Saloni Bahari and Dr. Somdutta Sinha Roy, evaluated the creativity and thematic relevance of the submitted images.

"*Pratikriya*" effectively highlighted the expansive influence of chemistry through its educational and interactive elements. The event not only provided a platform for intellectual exchange but also fostered creativity and engagement among participants. Special thanks are due to the department teachers, *Rasayanika* society members, Chem Academy, and all volunteers who contributed to the fest's success. Their efforts in organizing, coordinating, and executing various aspects of the event ensured a memorable and impactful experience for everyone involved.



Rasayanika
The Chemical Society
Miranda House
celebrates



Pratikriya'24
Date: 19 March, 2024



Rasayanika Rebonding
Sci-Quiz
Eureka: Paper Presentation Competition
Sci-Lens
Prayog
Stalls and more.....



For Queries Contact:
Bhama M(President):9400566470
Lisha(Vice President):7988572122



Rasayanika
The Chemical Society
Miranda House
celebrates



Pratikriya'24
presents
Interactive Session



Ms. Somya Satsangi
Independent Director at Dr Lal PathLabs



Scan To Register

19 March 2024
10:00 am
Room No. 158

For Queries Contact:
Bhama M (President):9400566470
Lisha (Vice President):7988572122







Competition	Placeholders
Eureka Paper Presentation Competition	Megha Roy and Shikha Bhattacharya
	Kunali Gautum and Anshu Sharma



	Jaya Kumari and H
Prayog Lab work competition	Ankit Kumar Yada
	Ayushi Agrawal
	Karunya Nagda
Sci-Quiz	Tanuja and Aditi S
	Aastha Bhasin and Sharma
	Anshika Sharma and Shatakshi
Sci-Lens Photography Competition	Ujjwal Singh
	Aakash Ghawri

Hands-On Training Workshop on Analytical Instrumentation Techniques

Rasayanika hosted a **One-day Hands-On Training Workshop on Analytical Instrumentation Techniques**, as the final event for the academic session 2023-24 and was held on April 23, 2024. This workshop aimed to provide students with practical experience and insights into analytical instrumentation, focusing on essential tools such as spectrophotometers and chromatographs, and their applications in research and industry.

The event began with an inaugural ceremony featuring the lighting of the lamp and a welcome address by Prof. (Dr) Kalawati Saini. The chief guests, **Prof. S. Murugavel**, Director of USIC at the University of Delhi, and **Prof. Subho Mozumdar** from the Department of Chemistry, University of Delhi, delivered inspiring addresses, sharing their achievements, and encouraging future scientists.

The theoretical portion of the workshop commenced with a lecture by **Prof. Sunil K. Sharma** on UV-VIS Spectroscopy and Mass Spectrometry. Prof. Sharma introduced the basics of electronic transitions and demonstrated how fragmentation patterns in mass spectra can reveal compound structures. **Prof. P. Venkatesu** gave an in-depth lecture on Absorbance Spectroscopy and Fluorescence Spectroscopy, particularly about biomolecules.

Resource persons Mr. Partha Sen and Mr. Vikrant Goel from Agilent Technologies India Pvt. Ltd. introduced their company's range of analytical instruments, including FTIR machines, UV spectrometers, and Liquid Chromatography tandem Mass Spectrometry (LC-MS) systems. They provided an overview of these instruments' functionalities and engaged the audience with interactive quizzes. In the practical session, participants were divided into two groups to explore the instruments firsthand. They operated the FTIR (Fourier Transform Infrared Spectroscopy) machine and the UV-VIS spectrometer, analyzing unknown samples and interpreting the resulting data. This hands-on experience allowed participants to apply their theoretical knowledge and gain practical skills.

The workshop concluded with participants gaining valuable insights into analytical instrumentation techniques. The success of the event was due to the dedication of the faculty, guest speakers, volunteers,

and the active participation of attendees. The Department looks forward to such enhanced collaborations with industry partners to further enrich learning experiences, fostering innovation and skill development.

The poster features logos for the University of Delhi and Agilent Technologies at the top. The main title is 'ONE DAY HANDS ON TRAINING WORKSHOP ON ANALYTICAL INSTRUMENTATION TECHNIQUES' with the date 'APRIL 23, 2024'. The location is 'Department of Chemistry, Miranda House, University of Delhi, Delhi-110007'. A red banner below the title reads 'From Theory to Application'. There are four circular images showing various laboratory instruments: a chromatograph, a spectrophotometer, a pipette, and a laboratory workstation. A blue oval indicates the time '9.00 AM to 5.00 PM'. A green circle lists 'Resource Persons' including Prof. Subho Mozumdar, Prof. S.K. Sharma, Prof. P. Venkatesu, Mr. Partha Sen, Mr. Krishanu Pal, and Vikrant Goel from Agilent Technologies India Pvt. Ltd. An orange box contains 'Registration Fees' for UG (Rs. 300/-), MH Students (Rs. 800/-), and Faculty (Rs. 800/-), with a last date for registration of April 20, 2024, at 17:00 IST. A list of organizers and patrons is provided, including Prof. Bijayalaxmi Nanda, Prof. Kalawati Saini, and Prof. Smriti Sharma Bhatia. A registration link is given as <https://forms.gle/gPXjAyeYG8Kj5UPn9>. The venue is Room No. 145, Department of Chemistry, Miranda House, University of Delhi, Delhi-110007. Contact information for Miranda House, Department of Chemistry, DU, is provided at the bottom, including the names of the organizing secretary, treasurer, and student coordinator.

दिल्ली विश्वविद्यालय
University of Delhi

Agilent Technologies

**ONE DAY HANDS ON TRAINING WORKSHOP
ON
ANALYTICAL INSTRUMENTATION TECHNIQUES**
APRIL 23, 2024
Department of Chemistry, Miranda House,
University of Delhi, Delhi-110007

From Theory to Application

**Time:
9.00 AM to 5.00 PM**

Resource Persons:
Prof. Subho Mozumdar,
Department of Chemistry, DU
Prof. S.K. Sharma
Department of Chemistry, DU
Prof. P. Venkatesu
Department of Chemistry, DU
Mr. Partha Sen,
Mr. Krishanu Pal,
Vikrant Goel
Agilent Technologies
India Pvt. Ltd.

Registration Fees:
UG : Rs.300/-
(Limited to MH Students)
Ph.D./Faculty : Rs. 800/-
Last date for registration:
April 20, 2024, 17.00 IST.

Patron: Prof. Bijayalaxmi Nanda,
Principal, Miranda House
Convener: Prof. Kalawati Saini (TIC)
(MH, Chemistry, DU)
Co-Convener: Dr. Nutan Rani,
Prof. Smriti Sharma Bhatia
(MH, Chemistry, DU)

Registration Link:
<https://forms.gle/gPXjAyeYG8Kj5UPn9>

Venue: Room No.145, Department of
Chemistry, Miranda House, University of
Delhi, Delhi-110007

Contact us:
Miranda House,
Department of Chemistry, DU
Organizing Secretary: Dr. Swati Rani (+919870363226),
Dr. Preeti Dholiya, Dr. Yogesh Kumar
Treasurer: P. Lishinai Paoteimai (+918375907413),
Dr. Sapna Yadav
email: plishinai.paoteimai@mirandahouse.ac.in
Student Co-ordinator: BHAMA M (9400566470), Lihra (7988572122)

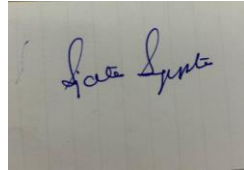






Dr. Nutan Rani

Staff Advisor



Dr. Sujata Sengupta

Staff Advisor



Bhama M

President