



Miranda House

UNIVERSITY OF DELHI

Name: Dr Amrita Tripathi Sheikh

Department: Chemistry

Current Designation: Associate Professor

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Academic Qualifications: MSc, PhD

Research Degree: PhD

Field of Specialization under the Subject/Discipline: Physical Chemistry

Total Teaching Experience: Thirty seven years

Teaching at Miranda House since: Since October 1984

List of publications:

Mishra, S., Beria, V., Rimjhim, Verma, O., Nishtha, Rani, J., Sirohi, B., Gupta, A., Bhatt, A., Gupta, A., Arora, J., Roy, B., Sheikh, A, T., Pathak, M., & Jolly, P. 2017. 3R at Miranda House. In: Abstracts National Conference on Environmental Sustainability and Waste Water Remediation: Current Status and future Prospects (ESWR-2017), Department of Chemistry, Sri Venkateswara College, pp 47.

Research Project:

3R: Reduce, Reuse, Recycle (DU Star Innovation Project MH03).

Sanctioned Amount: Rs. 36,00,000/- from December 2016 to November 2019.

PIs: Dr Pratibha Jolly, Dr Bani Roy, Dr Amrita T Sheikh, Dr Mallika Pathak and Dr Jyoti Arora.

Funding agency: University of Delhi, Delhi

Invited talks/Session Chair/Resource person:

- Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc.(H) Chemistry I Year students, conducted by Department of Chemistry, Miranda House on 23 November and 6 December, 2021 (organized on a virtual platform).
- Coordinator and Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc.(H) Chemistry I Year students, conducted by Department of Chemistry, Miranda House on 19, 20, 26 and 27 November 2020 (organized on a virtual platform).



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- Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc. (Hons) Chemistry I Year students, 1 August 2019 and B.Sc. Life Sciences I Year students, 7 August 2019, Department of Chemistry, Miranda House
- Coordinator and Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc. (Hons) Chemistry I Year students, 1-2 August 2018, Department of Chemistry and DS Kothari Centre for Research and Innovation in Science Education, Miranda House
- Coordinator and Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc. (Hons) Chemistry I Year students, 1-3 August, 2017, Department of Chemistry and DS Kothari Centre for Research and Innovation in Science Education, Miranda House
- Coordinator and Resource Person, *Bridge Course on Laboratory Safety and Handling of Equipment* for B.Sc. (Hons) Chemistry I Year students, 3-4 August, 2016, Department of Chemistry and DS Kothari Centre for Research and Innovation in Science Education, Miranda House

Conferences Organized:

- Convener, Two-week Faculty Development Programme, '*Chemistry – the catalyst for change*', organized jointly by Department of Chemistry, Miranda House and Pandit Madan Mohan Malviya National Mission on Teachers and Training, Teaching Learning Centre, Ramanujan College, University of Delhi, July 2021.
- Member, Organizing Committee, International Virtual Conference '*Chemistry – the catalyst for change*', Miranda House, 19-20 February 2021.
- Convener, *International Webinar 'Empowering Diversity in Science'*, Miranda House, 12 February 2021.
- Member, Organizing Committee, *National Webinar 'Learnings from the Corona Pandemic'*, Miranda House, 24-25 September 2020.
- Member, Organizing Committee, IUPAC Symposium *Bonding to Create Future Leaders in Sciences—GWB2020*, 12 February 2020, Miranda House.
- Member, Organizing Committee, National Workshop *Nano Roadshow 2020*, 1 February 2020, jointly organized at Miranda House by Department of Chemistry, Miranda House and Department of Chemistry, IIT Delhi.
- Convener, *IUPAC Symposium Empowering Women in Chemistry: A Global Networking Event*, 12 February 2019, Miranda House.
- Member, Organizing Committee, *Science Conclave: Research on the Frontiers*, 16-18 January 2019, DS Kothari Centre for Research and Innovation in Science Education, Miranda House.
- Coordinator, *Delhi Youth Summit on Climate Change (DYSoC) 2018*, 4-5 October 2018, MH Vatavaran and Delhi Greens.
- Member, Organizing Committee, *Biodiversity in Everyone's Life*, 31 August 2018, Miranda House.
- Convener, Indo-Hungarian Symposium on Recent Advances in Chemistry and Biology, Department of Chemistry, Miranda House, 11 December 2017.



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Synergy (work with other organizations outside the college):

- Member, Committee of Courses for Undergraduate Studies in Chemistry, Department of Chemistry, University of Delhi, July 2018-2020.
- Coordinator, Subcommittee for the revision and draft of the syllabus for the Chemistry Liberal Option paper for the Bachelor of Elementary Education course at the University of Delhi, January 2016.