











Dr. Seema Singh

Chemistry Educator. Online Learning Specialist. Content Creator. Blogger

PERSONAL PROFILE

Expert Chemistry Teacher, Pioneer in Online Learning, and Creator of Easy-to-Understand Educational Content.

CONTACT

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-  /Dr_Seema_Singh
-  /dr_seemasingh/
-  www.linkedin.com/in/dr-seema-singh

SKILLS

- Exceptional communication and networking skills
- Motivator
- Strong leadership skills
- Love to accomplish tasks in the best possible manner
- Ability to work under pressure and multi-task
- Ability to pay strong attention to details

WORK EXPERIENCE

Online Educator (Chemistry)/Content Creator

FEB 2019 - TILL DATE

Online Educator (Chemistry): Free Lancer @Infelearn, Andhra Pradesh

APRIL 2023-TILL DATE

Online Educator (Chemistry): Free Lancer @Sci-Hub, Mumbai

SEPTEMBER 2023 - TILL DATE

YouTuber @Bonding with Chemistry, Content Creator

FEB 2019 - TILL DATE

Mommyblogger @www.seemasingh.info

MAY 2020 - TILL DATE

Teaching Assistant, Jaypee University of Engineering and Technology (JUET), Guna (M.P.) India

2011 - 2014

PGT (Chemistry), Mount Carmel School, Dwarka (New Delhi), India.

2008 - 2011

PGT (Chemistry), St. Thomas School, Bahadurgarh (Haryana), India.

2005 - 2007

TGT (Science), Modern Public School, Shalimar Bagh (New Delhi), India.

2004- 2005

COMPUTER SKILLS

- Typesetting: Microsoft Word
- Plotting: Microsoft Excel
- Presentation: Microsoft Powerpoint
- Editing tool: Sony Vegas Pro 14.0

INTERESTS

Learning with my son, Reading, Writing, Listening to Music, Driving, Drawing, Meditation, and Cooking

LANGUAGES

- **English:** Speak fluently, read, and write with proficiency
- **Hindi:** Native language. Speak fluently, read, and write with proficiency.

EDUCATION

- **Ph.D. (Chemistry)**, Jaypee University of Engineering and Technology, Guna, India (2011-2015)
- **B.Ed.**, Maharishi Dayanand University, Rohtak, Haryana, India (2003–2004)
- **M.Sc. (Organic Chemistry)**, Delhi University, New Delhi, India (2001–2003)
- **B.Sc. (Hons.) Chemistry**, Delhi University, New Delhi, India (1998–2001)
- **Class XII**, Bal Bharti School, Bahadurgarh, Haryana, India (1996–1997)
- **Class X**, Bal Bharti School, Bahadurgarh, Haryana, India (1994–1995)

FOREIGN VISIT & GRANTS

- Awarded partial travel grants by Science and Engineering Research Board (SERB) India, Centre for International Cooperation in Science (CICS), India. and Madhya Pradesh Council of Science and Technology (MPCST), India for attending the 3rd Water Research Conference, Shenzhen, China organized by Elsevier (Jan 11–14, 2015)

ACHIEVEMENTS

- Awarded **“Certificate of Reviewing”** by the editors of Elsevier journals, namely, Applied Catalysis B: environmental (2015), Journal of the Taiwan Institute of Chemical Engineers (April 2015), and Applied Surface Science (June 2014)
- Won the award **“Vote for your favorite teacher”** – a poll conducted by Cityplus- a leading newspaper daily by Dainik Jagran in Dwarka, New Delhi (Sep 5, 2010)

PUBLICATIONS

1. **S. Singh**, H. Mahalingam, and P. K. Singh, "Polymer supported Titanium Dioxide Photocatalysts for Environmental Remediation: A Review," *Applied Catalysis A: General*, vol. 462-463, pp. 178-195, 2013
2. **S. Singh**, A. Chaki, D. P. Chand, A. Raghuwanshi, P. K. Singh, and H. Mahalingam, "A Novel Polystyrene-supported Titanium Dioxide Photocatalyst for Degradation of Methyl Orange and Methylene Blue Dyes Under UV Irradiation," *Journal of Chemical Engineering*, vol. 28, pp. 9-13, 2013
3. **S. Singh**, P. K. Singh, and H. Mahalingam, "Novel Floating Ag⁺ Doped TiO₂/Polystyrene Photocatalysts for the Treatment of Dye Wastewater," *Industrial and Engineering Chemistry Research*, vol. 53(42), pp. 16332-16340, 2014
4. **S. Singh**, P. K. Singh, and H. Mahalingam, "A Novel and Effective Strewn Polymer supported Titanium Dioxide Photocatalyst for Environmental Remediation," *Journal of Materials and Environmental Science*, vol. 6(2), pp. 343-348, 2015
5. **S. Singh**, P. K. Singh, and H. Mahalingam, "An Effective and Low-cost TiO₂/Polystyrene Floating Photocatalyst for Environmental Remediation," *International Journal of Environmental Research*, vol. 9(2), pp. 535-544, 2015

PRESENTATIONS IN CONFERENCES

1. S. Singh, "A Novel Polystyrene Supported Titanium Dioxide Photocatalyst for Degradation of Methylene Blue Under UV Light," 28th M.P. Young Scientist Congress, February 28th-March 1st, 2013, MPCST, Bhopal, India
2. S. Singh, P. K. Singh, and H. Mahalingam, "Effective and Robust Impregnated and Strewn Polystyrene-supported Floating Titanium Dioxide Photocatalysts: Preparation, Characterization and Comparison," *Proceedings of the International Conference on Energy, Environment, Materials, and Safety*, December 11-14, 2014, Cochin, India
3. S. Singh, P. K. Singh, and H. Mahalingam, "An Effective Strewn Silver Ion doped Polystyrene-supported Floating Titania Photocatalyst for Treatment of Dye Wastewaters Under UV and Natural Sunlight," 3rd Water Research Conference, January 11-14, 2015, Shenzhen, China.