

# SHIVANGI SINGH

Department of Chemistry  
Indian Institute of Technology Roorkee  
Uttarakhand, India



## OBJECTIVE

Seeking an opportunity to secure a challenging role to gain extensive knowledge in the field of Chemistry.

## ACADEMIC QUALIFICATION

QUALIFICATION	INSTITUTE	BOARD/UNIVERSITY	YEAR OF PASSING	CGPA/%
<b>M.Sc. Chemistry</b>	Indian Institute of Technology, Roorkee	Indian Institute of Technology	2019	81.92%
<b>B.Sc. (Hons) Chemistry</b>	Ramjas College	University of Delhi	2017	76.52%
<b>Senior Secondary XIIth (AISSE)</b>	Dewan Public School, Meerut	Central Board of Secondary Education	2014	87.8%
<b>Secondary Xth (AISSE)</b>	Dewan Public School, Meerut	Central Board of Secondary Education	2012	9.8 CGPA

## INTERSHIPS AND PROJECTS

- **Master's Project [6 months]-Indian Institute of Technology, Roorkee**
  - Synthesis and structural studies of supramolecules using anthracene based imidazole and characterized them using **IR, NMR, UV, XRD** under **Prof. U. P. Singh**
- **Summer Internship [2 month] - Indian Institute Of Science, Bengaluru**
  - Mechanistic approach to production of bio-fuel under **Prof. E. D. Jemmis**
- **Innovation Project [13 Months] - University of Delhi, Delhi**
  - Influence of additives on properties and efficiency of microalgae derived biodiesel under **Dr. Sonia Ratnani** and **Dr. Shuchi Verma**

➤ **National Symposium on Nanobiotechnology - Department of Biotechnology, TERI University**

- Presented a poster on Influence of additives on properties and efficiency of microalgae derived biodiesel.

#### AWARDS AND ACCOLADES

- **CSIR-UGC NET & JRF; All India Rank-69.**
- **GATE ; All India Rank-134.**
- Merit rank holder in secondary examination.
- Attended the training workshops and seminars organized by Department of Chemistry, Ramjas College, University of Delhi under DBT Star College Scheme.

#### INTERESTS

- Catalysis
- Nanomaterials
- Spectroscopy

#### SKILLS / EXTRA CURRICULAR HIGHLIGHTS

- Participated in various sports activities in school.
- **Led the college Cultural and Event management team** and organized Fest for 3 continuous years.
- Learned Computer skills such as **MS office, intermediates of origin, Python and Gaussian.**