

**ACADEMIC DETAILS**

Year	Degree / Board	Institute	GPA/ Marks (%)
2019-2021	M.Sc. in Chemistry	Indian Institute of Technology, Delhi	9.147 CGPA
2015	CBSE	YADUVANSHI SHIKSHA NIKETAN NARNAUL	95.4%
2013	CBSE	YADUVANSHI SHIKSHA NIKETAN NARNAUL	10CGPA

**DEGREES PRIOR TO IIT**

Year	Degree	Institute	GPA / Marks (%)
2016-2019	B.SC.(HONS) CHEMISTRY	RAMJAS COLLEGE, UNIVERSITY OF DELHI	8.676 CGPA

**QUALIFYING EXAMS**

1. **CSIR-NET Chemical Science June 2020 Rank:** AIR-32 - LS
2. **CSIR-NET Chemical Science June 2021 Rank :** AIR 76 - JRF
3. **GATE 2021 CY SCORE:** 512
4. **GATE 2022 CY SCORE :** 652 (AIR 274)
5. **Joint Admission Test (JAM) Rank:** AIR-62

**SCHOLASTIC ACHIEVEMENTS**

- Achieved **AIR 46** in Delhi University **M.Sc. Chemistry** entrance examination conducted by NTA (2019)
- Participated in **CONTECH** (ACT CONCEPT TEST IN CHEMISTRY) Organized by Homi Bhabha Centre For Science Education (2016, 2018)
- Qualified **JEE MAINS** (2015 and 2016 both)
- Qualified **NDA (NATIONAL DEFENCE ACADEMY)** Written Exam (2014)
- Received **Certificate of Merit** for Obtaining grade **A1** in all 5 subjects in Class 10<sup>th</sup> (2013)

**TECHNICAL SKILLS**

- **Computer Skills:**
  - QBASIC, MSOFFICE, CHEMDRAW, MESTERNOVA
- **Laboratory Skills:**
  - Titrimetric methods: Potentiometric, Conductometric, Complexometric
  - Biochemistry: Isolation of DNA from onion and estimation of proteins by Lowry's method
  - Synthesis of Nanoparticles and their characterization
  - Qualitative estimation of ions in Inorganic Chemistry
  - Determination of BOD, COD, Salinity, Total alkalinity, Chloride and Sulphate content in water samples (Industrial Chemistry)
  - Green Chemistry: Preparation of Biodiesel and extraction of D-Limonene from orange peel
  - Spectroscopic techniques: UV-VIS Spectrofluorometer, Colorimeter
  - Separation techniques: Chromatography, solvent extraction
  - Organic Synthesis

## EXTRA CURRICULAR ACTIVITIES

- **DBT-STAR COLLEGE PROJECT:**

- Participated in workshop on **IODOMETRIC ESTIMATION OF ARSENIC IN GIVEN WATER SAMPLE**, organized by Department of Chemistry, Ramjas College

- **CULTURAL INTERNSHIP:**

- Attended 3 Days Cultural Internship **MADAARI**, organized by DUSU (23rd-25th Jan,2017)

- **EDUCATIONAL TRIP TO “TERI SCHOOL OF ADVANCED STUDIES”:**

- Went to “TERI SCHOOL OF ADVANCED STUDIES, NEW DELHI” for educational trip enhancing knowledge about **Green Synthesis of various Organic products**.
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## WORK EXPERIENCE

1. Self employed in tutoring class 11<sup>th</sup> -12<sup>th</sup> Chemistry
2. Subject Matter Expert at Chegg : ( Feb 2021 – Feb 2022 )

## POSITION OF RESPONSIBILITY

- **CRYSTAL 17**

- **Volunteer in CRYSTAL 17** the Annual Fest, organized by **CHEMCLAVE-** Chemistry Society of Ramjas College, University of Delhi (7-8 MARCH,2017)

- **SCIENCE DAY**

- **Volunteer in Science day**, organized by Department of Chemistry- IIT Delhi

## DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.