

# **CURRICULUM VITAE**

## **PARUL TOMAR**

### **Career Objective**

A position to utilize my skills and abilities in research as well as in teaching in the field of chemistry that offers professional growth while being resourceful, innovative, and flexible.

### **Personal Profile**

**Name:** Parul Tomar

**Designation:** Assistant Professor

**Department:** Chemistry

**Address(Campus):** Department Of Chemistry, N.A.S.College, Meerut

**Address(Residential):** Dholpur, Dhara kuti, Bhaina, Garh, Hapur, U.P 245205

**Nationality:** Indian

**Hobbies:** Caring And Friendly Nature, Watching News, Reading Books, Teaching.

**Languages Known:** English and Hindi

**Email Address:** [parultmr@gmail.com](mailto:parultmr@gmail.com)

### **Academic Details**

#### **Doctor Of Philosophy(Ph.D.)**

**University** : CCS University, Meerut  
**Discipline** : Chemistry  
**Year** : From 31/08/2018 to till date

#### **PRE-Ph.D. Course Work**

**University** : CCS University, Meerut  
**Degree** : Pre-Ph.D. Course Work  
**Year** : 2017  
**Discipline** : Chemistry

#### **Post-Graduation**

**University** : CCS University, Meerut  
**College** : IIMT College Of Education, Meerut  
**Degree** : B.Ed  
**Year** : 2015  
**Discipline** : Science

#### **Post-Graduation**

**Institute** : Indian Institute of Technology, Delhi  
**Degree** : M.Tech  
**Department** : Chemistry  
**Discipline** : Molecular Engineering: Chemical Synthesis & Analysis

#### **Post-Graduation**

**University** : CCS University, Meerut  
**College** : RG College, Meerut

**Degree** : M.Sc  
**Discipline** : Chemistry

### **Graduation**

**University** : CCS University, Meerut College  
**College** : RCCV Girls Degree College, Ghaziabad  
**Degree** : B.Sc  
**Discipline** : Chemistry

### **Schooling Information**

<b>Education</b>	<b>Institution</b>
Class XII	SB INT COLL SALARPUR GHAZIABAD U.P
Class X	SB INT COLL SALARPUR GHAZIABAD U.P

### **Work Experience**

- I did teaching in my empty time that is why I also have good teaching experience.
- 2011-2012- Project in Bio-Physical Chemistry at IIT Delhi.

### **Project Profile**

- **M.Tech project (January 2011 –May 2012):**

**Supervisor: Dr Shashank Deep**, Course Coordinator of the chemistry department, IIT Delhi **Topic:** Spectroscopic studies of the non-native conformations of horse heart cytochrome c and their interaction with surfactants and nucleotides.

### **Conferences Attended**

- I actively participated in the International Conference on “**Advances in Applied Chemical Sciences and Innovative Materials**” held at IIT Delhi between 10<sup>th</sup> and 12<sup>th</sup> August 2011 under the supervision of Professor H.M.Chawla.
- I was a participant at the International Conference on “**Nucleic Acid in Diseases and Disorders**” held at IIT Delhi between the 7<sup>th</sup> and 9<sup>th</sup> of December 2011 under the supervision of Professor. B. Jayaram.

### **Relevant Courses Undertaken**

Design Synthesis, & Characterization of Organic Compounds  
Polymers Characterization  
Appliedorgano-Metallic Chemistry  
Applied Biocatalysis

Molecules to Materials  
Analytical Chemistry  
Chemistry of Natural Products  
Biotechnology, Spectroscopy

### **Subjects of Interest**

- Chemistry/ Biochemistry

### **Personal Skills**

Comprehensive problem-solving abilities, excellent communication skills, the ability to deal with people diplomatically, a willingness to learn team facilitator hard worker, I am also keen on Chromatography techniques, Atomic Absorption Spectroscopy, UV-Visible Spectroscopy, Fluorescence, X-Ray Diffraction, NMR and IR spectroscopy.

## **Extra Curriculums**

2009	<b>GATE</b> (Graduate Aptitude Test In Engineering) With 88.78 Percentile Score.
2010, 2015 2016,2017 & 2018	<b>GATE</b> (Graduate Aptitude Test In Engineering) With 97.8 Percentile Score.
2010 Dec	<b>UGC-JRF</b> (UGC Junior Research Fellowship)
2009 and 2010 <b>NET</b> (Eligibility For Lectureship) Qualified	
2010	Written Test Of IISc Bangalore (Indian Institute of Science, Bangalore) For Ph.D.
2013	<b>GRE</b> (Graduate Record Examination)
2013	<b>TOEFL</b> (Test Of English As A Foreign Language)
2014	The best IIMTIAN, Academics Award in B.Ed
2016	<b>UPTET</b> ( Utter Pradesh Teacher Eligibility Test)
2016	<b>CTET</b> (Central Teacher Eligibility Test )
2016	<b>PGT Chemistry</b> (Post-Graduate Teacher of Army Public Schools)
2017	<b>DELHI UNIVERSITY Ph.D.</b> Written Examination With 5 <sup>th</sup> Rank
2017	Written Exam Of UP- GDC Assistant Professor
2016	Written Exam Of UPHESC Assistant Professor Of Adv 47 With 3 <sup>rd</sup> Rank
2014	<b>UPPCS PGT</b> Written Exam
2021	<b>HTET PGT</b> Level-3 And <b>PRT</b> Level-1
2021	<b>PET</b> Exam With 90 Percentile Score
2021	Written Exam Of UP Assistant Teacher- Junior Aided
2021	Written Exam Of <b>UPSESSB-PGT</b>
2016	<b>C.C.S University Ph.D.</b> Written Exam With 3 <sup>rd</sup> Rank
2020	Written Exam Of UP <b>GIC- PGT Pre</b>
2021	Written Exam Of UP - <b>PGT Ashram Paddhati Pre</b>
2021	Written Exam As Well As Interview Of <b>UPHESC Assistant Professor Of Adv 50</b>

## **Publications (UGC Care Listed& Peer Reviewed Journals)**

1. A REVIEW OF GREEN SOLVENT IONIC LIQUIDS: AS A FUTURE SOLVENT by Parul Tomar, Deepali Jain. J Adv Sci Res. 2022; 13 (6):01-16. <https://doi.org/10.55218/JASR.202213601>.