

## SENSUBASH RAMCHANDER N

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### Career Objective

Enthusiastic and detail-oriented chemistry graduate who is fascinated about the world of science. I am an organized and highly motivated individual looking for the opportunities in research oriented environment that allow me to expand my skills and knowledge while working towards achieving the organizational goals. I am ready to embark on my professional journey, ready to contribute creativity and dedication to a forward-thinking team.

### Education

<b>Vellore Institute of Technology, Vellore, Tamil Nadu</b>	<b>(2023-2025)</b>
M.Sc. General Chemistry	CGPA – 8.0
<b>Ananda College (Affiliated by Alagappa University), Devakottai, Tamil Nadu</b>	<b>(2019-2022)</b>
B.Sc. Chemistry	CGPA – 8.8
<b>Sri Vijay Vidyalaya Matric Higher Secondary School, Hosur, Tamil Nadu</b>	<b>(2017-2018)</b>
HSC	Percentage – 60.00%
<b>St. Joseph's Matric Higher Secondary School, Hosur, Tamil Nadu</b>	<b>(2017-2018)</b>
SSLC	Percentage – 94.00%

### Research Experience

1. Photocatalytic degradation of Cr(VI) using Perovskite Oxide - Under the guidance of Dr.Vijayaraghavan,Professor of Chemistry,VIT Vellore
2. Cu (II) catalysed cross coupling of boronic acid with N-Fluorobenzenesulfonimide via C-N Bond Formation under Light - Under the guidance of Dr.Thirumanavelan G, Professor of Chemistry, VIT Vellore
3. Synthesis of Sugar based poly-ionic liquids – Under the guidance of Dr. Rajasekhara Reddy, Professor of Chemistry, VIT Vellore

### Skills

**Technical Skills:** Column Chromatography, Thin layer Chromatography, <sup>1</sup>H-NMR , XRD , UV spectrophotometer, FT-IR,

**Tools:** MS-Word, MS-Excel, MS-Powerpoint, Chem Draw, Origin

**Soft Skills:** Adaptability, Team work, Attention to detail, Problem solving, Critical thinking, Self-Confident

### Events

- Presented the paper titled “Perovskite Oxide for Cr(VI) Reduction” in 26<sup>th</sup> Science Engineering and Technology Conference 2024 in VIT, Vellore
- Presented the paper titled “Cu(II) coupling with N-Fluorobenzenesulfonimide” in 25<sup>th</sup> Science Engineering and Technology Conference 2024 in VIT, Vellore
- Presented the paper titled “Synthesis Of Sugar Based Poly Ionic Liquids” in 24<sup>th</sup> Science Engineering and Technology Conference 2023 in VIT, Vellore

### Languages Known

- English (Professional proficiency)
- Tamil (Native)