

## Research Areas

Bio-inorganic Chemistry  
Catalysis  
Chemical Biology  
Chemical & Biological Crystallography  
Cheminformatics  
Computational Quantum Chemistry  
Coordination Chemistry  
Green Chemistry  
Materials Chemistry  
Medicinal Chemistry  
Metalloradical Chemistry  
Physical Chemistry  
Polymer Chemistry  
Protein Chemistry  
Supramolecular Chemistry  
Synthetic Organic Chemistry  
Ultrafast Spectroscopy and Chemical Dynamics

*\*Molecular Modelling, Informatics & Machine Learning, Medicinal Chemistry, Intelligent Materials for Nanomedicine.*

**Infrastructure:** State-of-the-art lecture rooms and laboratories

**Faculties:** Internationally trained and involved in research

**Funding from India Govt.:** ~12 crores INR

**Instruments:** NMR, UV-Vis, IR, HR-MS, HPLC, SCXRD, GPC, DSC, MALDI-ToF.

**Publications:** More than 150 in the last 5 years in highly reputed journals.

# Chemistry @ SNU

## B.Sc. (Research) Chemistry Program

[snuadmissions.com/bsc\\_chemistry.php](http://snuadmissions.com/bsc_chemistry.php) | [hod.chy@snu.edu.in](mailto:hod.chy@snu.edu.in)

*Our Motto: To Provide the Opportunity of Learning Through Experience*

*Student Teacher Ratio (7:1): The Key Component of Unique Teaching-Research Ecosystem*

*We offer: Core and Elective Courses which are highly relevant to current scenario\**

**Research Lead Pedagogy: Opportunities for UG Research (OUR)**

**Credit Requirement: 152**

- 68 Compulsory Chemistry Courses**
- 21 Required Physics/Mathematics/Life Sciences**
- 9 Chemistry Electives**
- 12 Senior Research Project**
- 42 Common Core Curriculum + University Wide Elective Courses**

**Availability of Means cum Merit based scholarship**

**Student placements:** Univ. of Arizona, USA (PhD); Univ. Wisconsin-Madison USA (MS); Univ. of Texas, USA (MS); Univ. of Cologne, Germany (MS); Univ. of Michigan, USA (MS); Research Nester Pvt Ltd. (GBDA)

**Ph.D. Offers 2020:** Univ. Minnesota, Univ. Utah, Penn State Univ.; Univ. Virginia Tech

## Selected Faculty Profile

- Alexander von Humboldt Fellow
- Marie Curie Fellow
- Ramalingaswamy Fellow
- Ramanujan Fellow
- SEIBOLD-Collgium Fellow



# SHIV NADAR UNIVERSITY

**New Chemistry Programs from August 2020: Integrated B.Sc.-M.Sc. (Research); M.Sc. (Research); Integrated B.Sc.-M.Sc.-Ph.D.; Integrated M.Sc.-Ph.D.**