

Richards Raj H

GET IN TOUCH!

Mobile:
+91-6374518455

Email:
rajrichards68@gmail.com

SKILLS

- Research And Development
- Lab Testing
- Lab
- Research
- Chemistry
- Organic Chemistry
- Physical Chemistry
- Inorganic Chemistry
- Teaching
- Education
- Lecturer Activities
- Tutoring
- Science
- Science teaching

LANGUAGES KNOWN

Tamil (Both)
English (Both)

CERTIFICATIONS

- NPTEL ONLINE CERTIFICATION
- NPTEL ONLINE CERTIFICATION

PERSONAL DETAILS

Current Location	Coimbatore
Date of Birth	September 22, 2003
Male	

EDUCATION

Post-Graduation

Course	MS/M.Sc(Science) (Chemistry)
College	Bhartiyar University, Coimbatore
Score	67%
Course	MS/M.Sc(Science) (Chemistry)
College	Bhartiyar University, Coimbatore

Graduation

Course	B.Sc (Chemistry)
College	PSG College of Arts & Science, Coimbatore
Score	88%
Course	B.Sc (Chemistry)
College	PSG College of Arts & Science, Coimbatore
Score	8.8%

Schooling	Class XII	Class X
Board Name	Tamil Nadu	Tamil Nadu
Medium	English	English
Year of Passing	2021	2019
Score	88%	80.4%

INTERNSHIPS

VJ BIOTECH | June 2023 - June 2023

- During my internship experience with VJ BIOTECH, I was able to develop my laboratory skill in Chromatography ad Phytochemistry. I particularly found learn how to work in under lab condition and to learn how to handling the equipment for useful laboratory work in Bio-Parma techniques and Chromatography techniques.

PROJECTS

QUINOLINE BASED DI-SPIRO BIOACTIVES: SYNTHESIS, CHARACTERIZATION AND IN-SILICO EXPLORATION | December 2025 - April 2026

- In recent years, di-spiro quinoline derivatives have emerged as significant targets in medicinal chemistry due to their broad pharmacological potential. Extensive research into their synthesis has revealed promising antimicrobial, antiviral, and anticancer activities. These findings are supported by in-silico studies, which elucidate the molecular interactions and binding affinities of these compounds with key target proteins.

Based on the literature review, quinoline based di-spiro compounds exhibit significant potential as anticancer, antimicrobial, and antiviral agents. Given these pharmacological properties, this study aims to synthesize novel quinoline-fused di-spiro derivatives and evaluate their molecular docking profiles through in-silico studies.

ACHIEVEMENTS

- Top 10 in class in B.Sc
- Top 10 in class in B.Sc
- Top 10 in class in school