

Prabhu v

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Prabhuthestoic@gmail.com

I am a postgraduate in chemistry from Madras Christian College, graduated in 2023. I have experience in organic synthesis and purification and now working as a project associate in CSIR-CECRI

Education

Master of Science (M.Sc.) - Chemistry

Aug 2021 - Apr 2023

Madras Christian college, Tambaram, Chennai

FIRST CLASS WITH DISTINCTION CGPA-8.1

Bachelor of Science (B.Sc.) - Chemistry

Jul 2018 - Jun 2021

Guru Nanak college, Velachery, Chennai

FIRST CLASS WITH DISTINCTION CGPA-8.5

Experience

Project associate

Jul 2023 – Dec 2023

CSIR-CECRI, KARAIKUDI

- *Proficient in literature survey*
- *Managed multiple Inorganic synthesis of allocated materials*
- *Utilized advanced analytical techniques including XRD, FTIR spectroscopy, Scanning Electronic Microscope, Transmission electron Microscope, TGA to characterize the structure and purity of synthesized Materials.*
- *Gained expertise in documenting the work*

Skill Level:

Intermediate in: *Presentation skills, communication skills, synthesis, column chromatography*

Basic in: *GC, IR, TGA, CHNS analyser, SEM-EDAX, XRD.*

Academic Project

Synthesis of Keggin type Polyoxometalate:

- *Synthesis of Novel cobalt substituted sandwich type keggin polyoxometalate*
- *Characterisation of synthesised material using FT-IR, TGA, XRD, UV*
- *Aided in organic synthesis by performing column chromatography, TLC for complex organic molecules*
- *Aided by performing multistep organic reactions which utilise condensers, icebaths, Dryice, Degassing, Hydrogen and nitrogen atmosphere.*

Internship

Completed 3 weeks internship at MIT chromePET, Chennai (June 2023)

BIO-DATA

Name: - Prabhu v

Father's name: - Vedagiri.s

Date of birth: - 06/04/1999

Nationality: - Indian

Hobbies: - Drawing, watching Formula 1

Languages known: - Tamil, English

I hereby declare that all the above information is true and correct to the best of my knowledge

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