



Ram Dhari Pandey

Contact

Torun, Poland 87-100

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Pl

DOB: 15/07/1990

Skills

Programming - Python

Softwares - Molpro, Avogadro, Origin, ChemDraw

Quantum Physicist

Language - English

Education

Nicolaus Copernicus University
Torun

Doctor of Philosophy: Quantum
Physics 2027

Project title: "pCCD-based methods to modeling charge transfer properties in organic electronics" under the supervision of "Dr. Hab Pawel Tecmer,"
My work is based on the quantum-level computer simulation to optimize novel and promising organic photovoltaic compounds.

Summary

Dedicated scientist, proactive in research, and ready to work with those with the same beliefs to achieve objectives. Meets demands and deadlines through diligent work ethic and dedication to quality.

Experience

Ph.D.

Nicolaus Copernicus University, Torun, Poland | Torun, Poland | Dec 2023 – Current

Ph.D. courses: computational spectroscopy, introduction to density functional theory, and Introduction to python for doctoral students.

Text books: (A) Modern quantum chemistry written by Attila Szabo and Neil S Ostlund

(B) Python crash course written by Eric Matthes

Master of science in chemistry from Indian Institute of Technology, Guwahati 2014-2016

- Master project under the supervision of Prof. B. K. Patel, IIT Guwahati

- Publication:

Microwave-Assisted cascade strategy for the synthesis of Indolo[2,3-b]quinolines from 2-(phenylethynyl)anilines and Aryl Isothiocyanates

Wajid Ali, Anjali Dahiya, **Ram Dhari Pandey**, Tipu alam, and Bhisma K Patel*

The Journal of organic chemistry 2017, 82, 2089-2096 DOI:10.1021/acs.joc.6b02912

- CSIR-UGC June 2015 examination qualified for chemical science and was awarded

Lectureship (All India Rank:10)

- CSIR-UGC June 2015 examination qualified for chemical science and was awarded

Junior research fellowship (All India Rank:38)

- GATE (Graduate Aptitude Test in Engineering) 2016 qualified for chemistry and was awarded by Indian Institute of Science, Bangalore (All India Rank:321)

- Teaching experience as a **guest faculty** (2017-2019): Graduate level courses in chemistry.

- Teaching experience as an **assistant professor** (2019-2023): Graduate-level courses in physical, organic, inorganic, and basic quantum chemistry.