



SATABDHI PATRO

MASTER'S IN ORGANIC CHEMISTRY

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To grow with a leading organization that operates my abilities to the fullest extent possible, helping me realize and develop my potential and be a part of a team that scales great heights through continuous learning process and dedication.

SUMMARY OF SKILLS

- Analysis of volatile organic compounds.
- Brief idea on Organic Synthesis.
- Set up and carried out chemical analyses on a variety of organic samples, including liquid-liquid separation, column chromatography, and spectroscopy i.e NMR, IR
- Perform Chemical Reaction Using Sonochemistry.
- Proven planning/organizing and decision-making capabilities, as well as excellent problem-solving and analytical abilities
- Extensive experience with experimental data interpretation, project management, documentation, and technical report writing.
- Excellent technical writing and presentation skills with polished written and verbal communication skills

Specialties:

- Qualitative and quantitative analysis
- Computational Chemistry
- Compound Synthesis
- Software used- Gauss view 6.0 and Gaussian 16W

EDUCATION

Master of Science in Organic Chemistry
GITAM DEEMED UNIVERSITY

JUNE 2021
Vishakhapatnam

Bachelor of Science in Chemistry(hons)
Saraswati Degree Vidya Mandir, NK Nagar

May, 2019
Berhampur, Odisha

PROJECT AND RESEARCH WORK

Graduate Research: Sonochemical Synthesis Of Benzoxazolone/Benzothiazolone Analogue and its DFT Studies.

- **Objectives-** In view of the increasing of biologically active Heterocycles in the pharmaceutical and biological field.
 1. To do literature survey of bicyclic heterocyclic compounds and their pharmacological importance
 2. To synthesize Benzoxazole/Benzothiazole by adopting a green method and characterize them by TLC and m.p.
 3. To do DFT studies to check the feasibility of all designed reactions.

Under The Guidance – Dr. Anjali Jha (Professor Chemistry department ,GITAM institute of Science)

CERTIFICATES (Coursera)

- Diabetes- The essential Facts (06/2020)
- Drug Development (01/2021)
- COVID-19 Contact Tracing (06/2020)
- Introduction To the Biology of Cancer (12/2020)
- Drug Discovery (06/2020)

ADD ON COURSE

Pgdca

Level

WORKSHOP

GCP training in Apollo Research and innovation.

CONFERENCES

- International Webinar on Water,Energy and the Environment :Challenges and Solutions.GITAM UNIVERSITY.
- National Webinar on RECENT ADVANCES ON HEALTH AND AGROSCIENCE Chemistry department Gitam university.
- International E-Conference on ADVANCE IN CHEMICAL RESEARCH Department of chemistry Gitam university.
- International E-conference on MOLECULES TO MATERIALS FOR SUSTAINABILITY IN XXL CENTURY Gitam university.

LANGUAGE

- English
- Hindi
- Odia

INTERESTS

- Chess
- Singing
- Badminton

I do hereby declare that all the information given above are true to the best of my knowledge.
Satabdhi parto