

SHWETA SHARMA



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PROFILE

Highly flexible individual with exceptional scheduling and time management skills. Ready to take a challenging, creative role to work on projects in the field of Chemistry and implement the expertise and experience gained and develop quality compounds useful for the organization.

WORK EXPERIENCE

IIT Jodhpur Aug 2021 - May 2022

Project Objective: Spectroscopic analysis for interaction of BSA and ibuprofen in presence of surfactant and oligos

Software used: origin, imageJ, molecular docking

Excelra Pharmaceutical Pvt Ltd Sep 2020 - Feb 2021

Hyderabad Research Analyst (Freelancing project)

Perform the following services for the Pharma Excerpton/Chemistry division/unit/department/project of the Company.

- Process literature as per the protocol described in the relevant process document i.e. GOSTAR and GOBIOM curation process documents by using Excelra in-built curation tools, SciBase and BiomBase. The Company will periodically post literature to a dedicated server on CLOUD, details of which will be intimated separately.
- Deliver the processed scientific documents through curation tools deployed on the CLOUD server on daily/weekly basis depending on the delivery schedule.

Innovalance Education System 21 Dec 2020 - 05 Feb 2021

Subject Matter Expert

- Education & Teaching
- Solve IIT/JEE/NEET and competitive exams questions

SKILLS & EXPERTISE

Research & Development

QA/QC

Equipment calibration

Laboratory testing

Scientific and numerical skills

Team work & Inter personal skills

Data analysis

Instrumentation: Conductometer, Potentiometer, Colorimeter, Polarimeter, Spectrometer, Fluorescence spectrophotometer, UV- Visible spectrometer, Raman spectrometer, FT-IR spectrometer, HPLC, LC, Circular dichroism

EDUCATION

Masters Of Science in Chemistry 2017 - 2019

Deenbandhu Chhotu Ram University of Science and Technology - 81.79%

Bachelors Of Science in Chemistry 2014-2017

Delhi university - 80.29%

Higher Secondary Certificate 2014

CBSE - 89%

Secondary School Certificate 2012

CBSE - 87.4%

ACHIEVEMENTS

Gate Qualified 2020

Net Qualified June 2020

AREA OF EXPERTISE

- Analytical Chemistry
- Physical Chemistry
- Biophysical Chemistry