





MEGHAMOULI RANA


Research Enthusiast

PROFILE

Hardworking Student offering part-time work experience and extensive core subject matter knowledge. Skilled multitasker with a superior work ethic and good teamwork, problem-solving, and organizational skills. Willing to take on any task to help the team

 27 May 1997 in India

 +91 8240947480

 269 Tentulberia, Garia, Kolkata West Bengal, INDIA-700084

CERTIFICATIONS

First in Quiz on “National Science Day” Celebration, NIPER, 2023

Awarded **gold medal** for securing 1st position in Bachelor’s Degree, 2021

Awarded “**IPA Bengal Pharma Healthcare and Trust**” Scholarship for academic excellence, 2019, 2022.

LANGUAGES

Bengali: Mother Tongue
English: Good Knowledge
Hindi: Good Knowledge

GENERAL SKILLS

Academic Research, Teamwork, Detail-oriented with excellent observational and organizational skill, poster Presentation, Presentation Software (MS PowerPoint).

EXPERIENCE

September 2021 - July 2023

RESEARCH SCHOLAR

National Institute of Pharmaceutical Education and Research, Bihar
Bihar, India

- Procedures with definite process charts in documented format and results with high accuracy and precision.
- Stayed abreast of developments within the field of biomaterial (For the preparation of Hydrogel) to revamp new research, and share it with colleagues and scholars.

July 2021 - August 2021

INDUSTRIAL TRAINING EXPERIENCE

ASG Biochem (USFDA approved)

Kolkata

Successfully completed Industrial Training Program on critical laboratory instruments (KF Titrator, UV-Vis Spectrophotometers, Polarimeter, HPLC, GC).

EDUCATIONAL PATH

2023

MASTER'S DEGREE- M.S (PHARM) | CGPA-9.56/10

National Institute of Pharmaceutical Education and Research,
Bihar, Biotechnology

Bihar, India

- Formulated Hydrogel for Neural Tissue engineering and acquired knowledge of biomaterials and biopolymers.
- Conducted research, gathered knowledge and information from multiple sources like research papers, review articles, and other works of literature, and presented results.

2021

BACHELOR OF PHARMACY | CGPA-9.64/10

JIS University, Pharmacy

Kolkata, India

Did project on “Simultaneous Estimation of Metformin and Glipizide Drugs using Ultraviolet Spectroscopy”

2016

HIGHER SECONDARY EXAMINATION | PERCENTAGE - 89.5%

BDM International, Science

Kolkata, India

2014

SECONDARY SCHOOL | PERCENTAGE - 92%

Ram Mohan Mission High School, Secondary subjects

Kolkata, India

RESEARCH SKILLS

- DLS (Dynamic Light Scattering) – measurement of dynamic diameter of particles.
- Zeta sizer- measurement of particle size and Zeta potential.
- Ultra-centrifugation – separation of impurities and un-reacted materials using Ultra centrifuge.
- FT-IR- functional group identification of samples.
- UV- Visible spectroscopy - To measure light absorbance by a chemical substance across the ultraviolet and visible ranges of the electromagnetic spectrum.
- Nanodrop: measurement of optical density by small volume of samples.
- Inverted microscope- imaging of biological samples.
- Agarose gel electrophoresis- separation of DNA, RNA.

CONTACT DETAILS

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https://www.linkedin.com/in/meghamoulirana-41ab6b1a9/?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app

PROFESSIONAL CERTIFICATIONS

- **Qualified NIPER Ph.D. Entrance Exam** in Biotechnology Subject with All India **Rank 2**, 2023.
- **Qualified for GATE exam**- in BT and XL subjects with ranks of 1379 and 2952 respectively, 2023.
- **Qualified GPAT exam**- NTA conducted National Level Exam- Apr 2021 with rank **1205**, 2021
- **Qualified for NIPER** entrance examination with rank **840**, 2021.
- Presented poster at 2nd National Seminar on Drug Industry and Academia Summit, Adamas University, 2020
- Presented poster on “Tocilizumab biosimilar- Biotherapeutic agent in drug delivery against various Autoimmune Disorders” at Ideathon, NIPER, 2023

COCURRICULAR ACTIVITIES

- Secured **2nd position** in quiz competition, in 56th National Pharmacy Week, JIS University, 2017
- **First** in Debate competition, Explorica 2020, Department of Juridical Science, JIS University, 2020
- **Bronze** medalist in Muay Thai- kick Boxing Tournament, by Sports Authority of India, 2011
- Diploma in Painting from Shilpakala Art School.
- Diploma in Singing