**Piyasi Ghosh**

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**OBJECTIVE**

To be a part of an internationally reputed institute known for its high standards of academics and research, as it would help me enhance my knowledge, skills and experience; and to gain expertise in the field of Cell and Molecular Biology.

**EDUCATION**

**Bachelor of Technology and Master of Technology (Dual degree) in Biotechnology (2019)**

Kalinga Institute of Industrial Technology, Bhubaneshwar, Odisha, India

* Secured a **CGPA of 8.4**

**Senior Secondary School *(2013)***

St. Xavier’s Higher Secondary School, Haldia, West Bengal, India

* Secured an aggregate of 72%

**10th Grade (*2011)***

Poura Pathabhaban, Haldia, West Bengal, India

* Secured an aggregate of 78%

**Previous JOB**

Currently Intern at **INTAS Biopharmaceuticals, Ahmedabad, India.**

* Training on Good Manufacturing Practices **(GMP)** and Standard Operating Procedures **(SOP).**
* Hands-on Training on Analytical Chemistry Techniques **HPLC, UPLC-MS for Analysis of Monoclonal Antibodies (MAbs)**

**ACADEMIC RESEARCH PROJECTS**

* Master’s Thesis completed at **CSIR-Centre of Cellular and Molecular Biology (CCMB),** Hyderabad, India.
  + The project aimed at determining the **affinities of mismatch repair protein MutS to DNA,** on Mutation

**WORK EXPERIENCE**

**2nd year Ph.D student at the University of Arkansas, Fayatteville, United states. 2020-2021**

**Intern 2018**

***Rapture Biotech, Pune, India***

* Hands-On training on: Food technology, Medical and Industrial Microbiology

**Intern 2017**

***Indian Institute of Technology, Hyderabad, India***

* Worked on Osteodifferentiation of Osteocytes in 3D-printed scaffolds

**Technical Skills**

* **Microbiology:** Preparation of different types of media. Identification and differentiation of micro- organisms.
* **Molecular Biology:** DNA (Genomic and Plasmid) Isolation, RNA Isolation, Handling of Table-Top and Bench-Top Centrifuges, Transformation of E.Coli., IPTG Induction, PCR, EMSA.
* **Proteomics**: SDS-PAGE, NATIVE-PAGE, Western Blot, Protein purification using Ni-NTA Column (Affinity Chromatography), Mass Spectroscopy.
* **Analytical Chemistry:** Liquid Chromatography, High Performance Liquid Chromatography, Ultra Performance Liquid Chromatograph

**Extracurricular Activities**

* Wrote **article on ‘Suicides’** which was **published in The Telegraph in Schools** (TTIS) in December 2012.
* Won **1st and 3rd Prizes in Intra-School Extempore Competition** and Inter-School Debate Competitions respectively organized by Indian Oil Corporation Limited (IOCL), Haldia in 2011 and 2012 respectively.
* Qualified **4th year on Painting** with distinction from J.K Vision & the thinker of Music and Art.
* Participated in **KIIT-MUN 2016** held at KIIT University.
* Participated In a Workshop (Primer to Protein) organized by KIIT School of Biotechnology on July 2018.
* Participated in the **3rd ICTR conference** held at KIIT School of Biotechnology on October 2016.