



S O U M A L I K A N A T H
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M.Sc. MEDICAL BIOTECHNOLOGY,
DEPARTMENT OF BIOCHEMISTRY AND MEDICAL BIOTECHNOLOGY,
SCHOOL OF TROPICAL MEDICINE, KOLKATA

OBJECTIVE

I want to keep in touch with the state of technology using my knowledge, skills with honesty, dedication and hard learning ability to succeed in an environment of growth, excellence and earn a rewarding role which provides me good job satisfaction as well as self-development and help me to achieve personal and organisation goals.

ACADEMIC PROFILE

Year	Degree	Institute	Aggregate % / CGPA
2021	M.SC	Calcutta School of Tropical Medicine (WBUHS)	79%
2019	B. Tech	UEM, Kolkata	CGPA: 9.42
2014	Higher secondary	Aditya Birla Rishra Vani Bharati	75.4 %
2012	Secondary	Aditya Birla Rishra Vani Bharati	89.57 %
Date of Joining	Organization	Designation	Place
5-05-22	Royal Research	Senior Academic writer	Dumdum Kolkata

PROJECTS UNDERTAKEN

Summer Training 2022	<ul style="list-style-type: none">Handling of Respiratory samples at BSL2+ laboratory and molecular lab at Virology UnitGuide: Prof. (Dr.) Bhaswati BandyopadhyayVirology Unit, School of Tropical Medicine Kolkata
Dissertation Project (M.Sc.)	<ul style="list-style-type: none">Evaluation of Malignant Tumors during COVID-19 Pandemic in a Tertiary Care Hospital.Guide: Prof. Dr. Madhumita MukhopadhyayDepartment of Pathology, IPGME&R - SSKM
Winter Internship project	<ul style="list-style-type: none">Project on- "STUDY OF SELF-GENERATED ALCOHOL IN DIFFERENT BAIDYANATH ASAV ARISHTAS" at Baidyanath pvt. LimitedGuide: Dr. Debasish Pahari
Bioinformatics	<ul style="list-style-type: none">Elucidating the interaction of HIV protein (5BN0) with trans-membrane T-cell receptor of human (4UDT)Guide: Prof. Dr. Moupriya Nag & Prof. Dibyajit Lahiri
4TH YEAR PROJECT (Animal Cell Culture)	<ul style="list-style-type: none">To study the cytotoxic effect of ethanolic extract of <i>Hedychium sp.</i> over SiHa cervical cell line <i>in vitro</i> along with phytochemical analysis.Guide: Dr. Rita Kundu & Ms. Preeti VermaUnder Calcutta University

SKILLS AND SUBJECT OF INTEREST

- Immunology and immunological techniques like- Dot ELISA, Immuno-electrophoresis, ABO Blood grouping
- Molecular Biology techniques- Southern Blotting, ELISA

- Polymerase chain reaction (PCR), Restriction Digestion, DNA extraction, Gel Electrophoresis, SDS-PAGE.
- Real-Time Polymerase chain Reaction (RT-PCR), handling of Respiratory samples(COVID-19), RNA extraction.
- Cell culture Bioinformatics- BLAST, Basics of MySQL, NCBI.
- Knowledge in APA, HARVARD and MLA referencing style
- Knowledge in Excel and Microsoft word
- Experience in academic writing for 6 months

AWARDS AND ACHIEVEMENTS

- **Won Best poster presentation award** on the topic entitled '**Elucidating the interaction of HIV Protein (5BN0) with Trans-membrane T-cell receptor of Human (4UDT)**' at IEM-SPECTRUM INTERNATIONAL PROGRAM in year 2018.
- Achieved and certified with **96% marks in 'STEM CELL AND MEDICAL SCIENCES COURSE'** conducted by **Dr. Anthony Schime**, York University, Canada in year 2019.
- Received **ANKUR SAMMAN** from CESC Ltd. for higher secondary result.
- Certified with **2nd rank in the Department of Biotechnology** in B. Tech at University of Engineering and Management, Kolkata.

HOBBIES

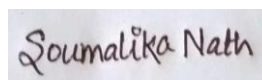
- Painting

PERSONAL INFORMATION

- **FATHER'S NAME:** SOUMENDRANATH NATH
- **MOTHER'S NAME:** PAPRI NATH
- **LANGUAGES PROFICIENT IN:** ENGLISH, HINDI, BENGALI.
- **ADDRESS:** 30F/1, Dr. SP MUKHERJEE STREET, KONNAGAR, WEST BENGAL, HOOGHLY.
PIN: 712235
- **GENDER:** FEMALE
- **DATE OF BIRTH:** 03/02/1996.
- **BLOOD GROUP-** B+

I hereby declare that all the above information is correct to the best of my knowledge and belief.

Date: 03/11/22



Signature

Place: Kolkata