

CURRICULAM VITAE

SUVRANIL MITRA

M.Sc. In Microbiology

VijaygarhJyotish Ray College
(Affiliated To the University Of Calcutta)



Personal Information

Name : SUVRANIL MITRA

Father's Name : SAJAL KUMAR MITRA

DateOfBirth : 29thFebruary,1996

Gender :Male

Nationality :Indian

Religion :Hinduism

Blood Group :A+

Contact info

Present Address: 166/6 Dharmatala Road, Nandanpur,Budge Budge, South 24 Parganas

Permanent Address: 166/6 Dharmatala Road, Nandanpur, Budge Budge, South 24 Parganas
Kolkata-700137, West Bengal

Contact No. - 8910749384/9432240481/033-24801994

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Academic Qualification

Educational degree	Institution	Year Of Passing	Subjects	% of marks
10 th	WBBSE	2011	Madhyamik	78.25
10+2	WBCHSE	2013	Math, Physics, Chemistry, Biological science	67.40
B.Sc.(HONS)	University Of Calcutta	2017	Microbiology	50
M.Sc.	University Of Calcutta	2019	Microbiology	58.2

Laboratory skills:

1. Staining Techniques:-Staining of bacteria, fungus, yeast, spore for microscopic observation.
2. Isolation of pure culture:-Isolation of pure culture by various streaking methods
Like continuous streaking, over-lapping method, quadrant method.
3. Other technique:-Serial Dilution, spreading of organism on nutrient agar plates, antibiotic assay, microscopy, haemocytometry.
4. Study of Antigen-Antibody interactions:- Ouchterlony's method, Single radial immunodiffusion, Gel Electrophoresis.
5. Molecular Biological Techniques:-Isolation of genomic DNA from bacteria, invitro transcription.
6. Techniques include Biophysical chemistry & instrumentations:-Estimation of temperature optima, pH optima, KM-Vmax of phosphatase, Titration of amino acids, Colorimetric determination of pk, Gel-Filtration Chromatography, Estimation of protein by Folin-Lowry, Biuret, Bradford method, SDS-PAGE, Absorption spectrum of protein, Bright field and phase contrast analysis of microbial cell.
7. Recombinant DNA techniques:-Isolation of plasmid DNA, transformation, conjugation, restriction digestion, RT-PCR, Southern blotting, RAPD, AFLP, RFLP.
8. Quality checking- Detection of pathogenic contamination in food and water sample, Determination of quality of milk sample, determination of BOD and COD of water.
9. Fermentation- Alcohol fermentation, Lactic acid fermentation.
10. Bioinformatics- BLAST, Homology modeling, ExPassy, Phylogenetic tree.

Summer Project - ISOLATION OF CHROMIUM (VI) TOLERANT BACTERIA AND FUNGUS STRAINS FROM TANNARY EFFULENT OF PARK CIRCUS AREA under Dr. Saswati Gayen (Assistant Professor, Department of Microbiology, Vijaygarh Jyotish Ray College)

Work Experience –

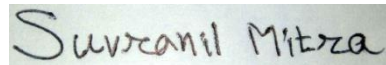
1. Course Hero tutor (Part time, September 2021-February 2023): Answer bioscience questions, helping students to understand the topic.
2. Upwork (Freelance, July 2022-Current): Writing top-quality medical blog and articles
3. Great Champ Technology (Fulltime, January 2021-January 2024): Protocol and framework analysis of several medical and biological processes, Analysis of current evidence-based practice (EBP) in the medical field, Analyzing the findings of RCTs, Cohort, Cross-sectional, and other clinical studies, Lab report analysis and checking the overall quality of the report.

Language skills: English, Hindi, Bengali.

Computer skills: MS-office (word, power point, excel) , Photoshop. Typing speed-32 words perminute.

Declaration

I hereby declare that the above information are accurate and correct to the best of my knowledge and faith.



Signature of the Candidate