

EDUCATION	School of Chemical Sciences, NISER <i>Nano-Catalysis & Electrochemistry Lab</i> <ul style="list-style-type: none">Dual Degree BS-MS 5 year program (2021-26)Advisor(MSc): Prof. Sudip BarmanResearch area: Na/Li-Ion BatteriesNational Institute of Science Education and Research (NISER)Degree Awarded by: Homi Bhabha National Institute (HBNI) Sreenarayana Public School <i>Senior School Examination- CBSE</i> <ul style="list-style-type: none">Physics, Chemistry, Mathematics, BiologyScore: 95.8 %	Bhubaneswar, India 2024 - 2026 Kollam, India 2019 - 2021
ABOUT ME	Hardworking and enthusiastic university student working towards Masters in Chemistry. Adept at working across departments promoting interdisciplinary sciences. Excited to explore more interesting topics in chemistry and work on them to get the full knowledge of the topic and deploying that to modern world problems.	
PROJECTS	Advanced Optimization Techniques for Smart Grid Management <i>National Natural Science Foundation of China (NSFC)</i> Optimizing Urban Traffic Flow Using AI-Based Predictive Models <i>Smart Transportation Innovations Grant</i>	2023.01 - 2024.01 2021.12 - 2022.12
INTERNSHIPS	Solid State and Structural Chemistry Unit, IISc Bengaluru, India <ul style="list-style-type: none">Study of gas evolution in Li-ion batteriesGuided by: Dr. Naga Phani B. AetukuriIndian Institute of Science, Bengaluru Department of Chemistry, IIT-B Mumbai, India <ul style="list-style-type: none">Lithium-ion battery: Coin cell assembly and comparison of factors affecting cell performance.Guided by Dr. Srinivasan RamakrishnanGreen Energy Lab, Indian Institute of Technology, Bombay	2024.05 - 2024.07 2023.05 - 2023.07
AWARDS AND HONORS	<ul style="list-style-type: none">DISHA fellowship, DAE Incentive Scheme for holistic science educationCBSE-Merit-Award, top 0.1% subjectwise merit award in Mathematics and Social ScienceCultural Awards, Annual Inter University Cultural Meet,	2021.08 2021.05 2023.12
SKILLS	Instruments: p-XRD, Gas Chromatography, , Glove Box, Galvanic Charge-Discharge.	
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