

Nilabha Mukherjea

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Bangalore, India

A 3rd-year Bioengineering student with a passion for asking the right questions. He actively seeks out opportunities to learn and grow as an individual to realize his potential in joining the vanguard of research in the 21st century.

Pymol MathLab Documentation Team Management Team Player Research				
Degree	Board	Institute	CGPA (or) %	Year
B.Tech Bioengineering	VIT BHOPAL	Vellore Institute of Technology, Bhopal, Madhya Pradesh, India	8.36	2020 - 2024
Class XII	CBSE	National Center for Excellence, Bangalore, Karnataka, India	79.8 %	2020
Class X	CBSE	PSBB Millennium School, OMR, Chennai, Tamil Nadu, India	80 %	2018
RESEARCH EXPERIENCE				
BiosFilter	Title: Comparative Analysis of Biomaterials for Air Filtration Description: Biomaterials have seen advancements in numerous fields of engineering. With this in mind, the team compared potential biomaterial candidates based on current accepted requirements and characteristics with existing HEPA filters. Learning Outcome: We presented a scientific poster on the findings of our exploratory research. Our team also recommended a biomaterial blend based on our findings to develop a potential multi-functional air filter based on silk-fibroin fibers.			2021 - 2022
Understanding the Open Life Sciences Landscape in India	Description: LifeScience in 2022 India is a concept that seeks to unite parallel enterprises by individuals across the nation under one banner. Role: Team Lead. Goal: is to provide a complete and interconnected picture of Life Science research and communities in India.			2022 - Ongoing
COURSES COMPLETED				
Computational Biology and Analytics Modeling And Simulation Of Biological Systems Molecular Biology And Genetic Engineering Biophysics Biosignals and Image Processing Biostatistics Biomaterials				
WORK EXPERIENCE				
Magzoid			2022 - Ongoing	
Content Writer	- Consistently publish news articles and design social media posts			
Tidings Media			2021	
Content Writer	- Authored and published articles on History and Economy.			
Outreach Member	- Generated post engagement in published articles on Facebook.			
Youth Politician			2020 - 2021	

Content Writer	- Authored four articles inspired by an economical perspective.	
POSITIONS OF RESPONSIBILITY		
Founder, The Bioengineering Chapter	- Initiated the chapter for the students of bioengineering - Manage and strategize daily operations to make the field more accessible to others	2022 - Ongoing
President, SEDS Nebula	- Initiate activities for the chapter - Provide ways for members to upskill and access a larger network through events	2022 - Ongoing
Director, Organizing Committee	- Organized the 2nd inter-school Model United Nations conference attended by +110 delegates.	2019
INTERNSHIPS		
Bright Network UK		2021
Internship UK (Engineering & Infrastructure)	- Drafted effective ways to dismantle PCB (primary circuit boards). - Corresponded through one-on-one conversations between attendees to understand new skills and perspectives.	
Internshala		2020
Student Partner	- Presented and addressed the importance of internships in India to 25+ connections. - Marketed the services of Internshala amongst my peers.	
ACHIEVEMENTS		
- Founder of The Bioengineering Chapter in the Vellore Institute of Technology, Bhopal		2022
- 2 Best Delegate, 2 Outstanding Delegate Awards in Model United Nations		2018 - 2020
- Secured 2nd Position in Open Stage Presentations in RABVIT'22		2022
CERTIFICATIONS		
IoT, Robotics & Embedded Systems	Completed course on IoT, Robotics & Embedded Systems offered by InMovidu Technologies Pvt. Limited.	2021
Machine Learning with Python	Completed course on Machine Learning with Python offered by InMovidu Technologies Pvt. Limited.	2021
Computer Networking	Completed a course titled The Bits and Bytes of Computer Networking offered by Coursera.	2021
Business Administration	Completed a course titled An Entire MBA in 1 course by Chris Haouran offered by Udemy.	2022
INTERESTS		
Bioengineering Travel Networking Research International Relations Space Enthusiast		
HOBBIES		
Reading Novels Sketching Websurfing Reading articles Watching Movies		