

# ANIRBAN MULLICK

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## Work Experience

**Velammal Bodhi Campus – IIT/NEET foundation Physics Faculty,** July 2025-  
Madurai (TN) October 2025

- Helped students overcome their fear of Physics by teaching core concepts in a simple, step-by-step manner with real-life examples.
- Achieved a marked improvement in performance average Physics scores in inter-velammal JEE/NEET model exams rose by over 40% within two months.
- Built a mentorship-oriented rapport with students, fostering sustained interest and confidence in competitive exam preparation.

## Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2025	M.Sc Physics	NIT, Tiruchirappalli	8.95/10.00
2023	B.Sc Physics (Hons.)	University of Calcutta, Kolkata	8.14/10.00
2020	Class XII	ST. Thomas' Church School, Howrah, ICSE	82.16%
2018	Class X	ST. Thomas' Church School, Howrah, ICSE	82.16%

## Skills

- Programming Languages: Python
- Engineering Software: MATLAB, LaTeX
- Other Softwares: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Origin

## Publication

- [1] Mullick, Anirban and Balagopalan, Susmitha and S, Sooraj and B, karthikeyan, Spectroscopic Analysis of Acid Rain-Induced Stress in Neem (Azadirachta Indica). <http://dx.doi.org/10.2139/ssrn.5187401> [in communication]

## Poster Presentation

- [P1] Confirmatory detection and evaluation of acid rain stress in Neem (Azadirachta indica) using spectroscopic techniques at Indian Biophysical Society Meeting (IBS 2025), organized by Indian Institute of Technology, Madras, India, [March 2025].

- [P2] Acid rain induced agglomeration of carotenoids: spectroscopic study at National Symposium on Recent Advances in Electronic, Optical and Magnetic materials (NSEOM '25), organized by Karpagam Academy of Higher Education, Coimbatore, India, [February 2025].
- [P3] Non-destructive Raman spectroscopic analysis of acid rain stress in Neem (*Azadirachta indica*) at International Conference on Advanced Materials and Applications (ICAMA-2024), organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai, India, [October 2024].

### **Workshops**

- [W1] 3rd International Symposium on Sustainable Fibers and Polymeric Materials, organized jointly by King Mongkut's Institute of Technology, Thailand and University of Portsmouth, United Kingdom [October 2024]
- [W2] Offline Familiarization Workshop on Fabrication & Characterization, organized by School of Nano Science & Technology, IIT Kharagpur. [June 2024].

### **Examination Qualified**

- [E1] Qualified JAM-2023 with AIR-845.
- [E2] Qualified CUET-PG 2023.
- [E3] Qualified JEE (Mains) 2020.
- [E4] Qualified WB-JEE 2020.
- [E5] Qualified KIITEE 2020.

### **Awards & Achievements**

- [A1] Recipient of Outstanding student in M.Sc. Physics at NIT Tiruchirappalli, awarded by RECAL, NIT for the year 2024-25.
- [A2] Recipient of academic proficiency prize for securing second rank in I and II semester of M.Sc. Physics at NIT Tiruchirappalli, during 2023-24.
- [A3] Secured 1st position in college for achieving highest marks in B.Sc. Physics (Hons.) in the year 2023.
- [A4] Recipient of Sabita Dey Memorial Medal for securing highest marks in B.Sc. Physics (Hons.) in final semester.