

# CURRICULUM VITAE

## **ABHISHEK MALLICK**

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Google Scholar: <https://scholar.google.com/citations?user=96T7rkIAAAJ&hl=en>

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## **CAREER OBJECTIVES**

To perceive a career in the field of electronic science with dedicated efforts and to associate myself with an organization which will give me opportunities to prove my abilities by accepting challenges, fulfilling the organizational goals and to update my knowledge through continuous learning and commitment and I also want to exercise my convincing power to students through my dedicated teaching service in the area of electronics.

## **EXPERIENCE**

- 5 years of research experience.
- Teaching experience of 4 years as Tutor for **UGC NET/WBSET/GATE** in Electronic Science.
- Worked teaching assistant at West Bengal State University from AUG 2022 to NOV 2022.
- Worked as a guest teacher in dept. of. Physics, Ramakrishna Mission Residential College (Autonomous).
- Working as guest teacher at West Bengal State University from DEC 2022 and continuing.

## **RESEARCH PUBLICATIONS:**

- Number of Journal papers = 5
- Number of Conference Papers = 5

## **ACADEMIC QUALIFICATION**

- Qualified **UGC-NET twice** (with **99.40** percentile score in June 2019).
- Qualified **WBSET** in 2022.
- Awarded **DST INSPIRE fellowship** in 2017.
- Graduated (B.Sc.) in Electronics (H) from West Bengal State University with 60.125% marks ((**First class first**) in 2014.
- Passed (M.Sc.) in Electronics from West Bengal State University with 80% marks (**First class first**) in 2016.
- Pursuing (PhD) from West Bengal state University Under the guidance of **Dr.Arijit Roy** (Hod, Dept. Of. Electronics)
- 10<sup>th</sup> passed from W.B.B.S.E in 2009.
- 12<sup>th</sup> passed from W.B.C.H.S.E in 2011.

## **OTHER QUALIFICATIONS**

- Adequate knowledge of Computer.
- C, C++ programming.
- PSPICE, NI Multisim, Origin, Mathematica, Basic Python, Google Colab, Experience of reading research papers.

## **PERSONAL SKILLS**

- Honesty.
- Teaching with utmost care.
- Ready to take Responsibilities.
- Good Communication Skill.
- Quick Learner and Good Interpersonal Skill.
- Multitasking and dynamic.
- Accepting all kind of Challenges.

## **PERSONAL PROFILE**

- Father's Name : Late Pranab Mallick
- Mother's Name : Rama Mallick
- Date of Birth : 19/03/1994
- Sex : Male
- Marital Status : Unmarried
- Religion : Hindu
- Nationality : Indian
- Languages Known : Bengali, English, Hindi.
- Hobbies : Reading Books, Playing Chess.

## **PUBLICATION LIST:**

### **Journal Publication list:**

- 1) Arijit Roy, **Abhishek Mallick**, Aparna Adhikari, Priyanka Guin, and Dibyendu Chatterjee. "Theory and experiment on charging and discharging a capacitor through a reverse-biased diode." Am. J. Phys, pp.86 (6), DOI: <https://doi.org/10.1119/1.5026994>, 2018.
- 2) **Abhishek Mallick**, Priyanka Guin, Arijit Roy. "Micropower harvesting from vibration of cantilever type piezofilm sensor". International Journal of Scientific & Technology Research. 2020.

- 3) Arijit Roy, **Abhishek Mallick**, Surajit Das, Abhijit Aich. “An experimental method of bioimpedance measurement and analysis for discriminating tissues of fruit or vegetable”. AIMS Biophysics, vol. 7(1), pp. 41 – 53. DOI: 10.3934/biophy.2020004. 2020.
- 4) **Abhishek Mallick**, Priyanka Guin, Arijit Roy. “Simulation and Experimentation of Sawtooth Wave Generation using Diode-Capacitor Pair.” Journal of Scientific Research, Jan2022.
- 5) Arijit Roy, Durjoy Roy, **Abhishek Mallick**. “Construction and remote demonstration of an Inexpensive but efficient linear differential variable transformer (LVDT) for physics or Electronics teaching during COVID-19 pandemic” October 2022 Physics Education 58(1):015007, DOI: [10.1088/1361-6552/ac93de](https://doi.org/10.1088/1361-6552/ac93de)

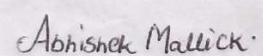
### **Conference Publication list:**

- 1) Priyanka Guin, **Abhishek Mallick**, Arijit Roy. “Experimental Investigation of Load Characteristics of Piezofilm-based Energy Harvester” Conference: IEEE Int. Conf. EDKCON 2018At: Kolkata, India.2018.
- 2) Priyanka Guin, **Abhishek Mallick**, Arijit Roy. “Measurement and Monitoring of Frequency of Ambient Vibration using PVDF Piezofilm Sensor” Conference: 2019 International Conference on Ubiquitous and Emerging Concepts on Sensors and Transducers (UEMCOS). DOI: [10.1109/UEMCOS46508.2019.9221555](https://doi.org/10.1109/UEMCOS46508.2019.9221555)
- 3) Arijit Roy, Pranay Biswas, **Abhishek Mallick**. “Identification of Bioimpedance Parameters for Characterizing of Tissue: A Case Study with Apple Tissue by ANOVA” Conference: 2019 International Conference on Ubiquitous and Emerging Concepts on Sensors and Transducers (UEMCOS). DOI: [10.1109/UEMCOS46508.2019.9221622](https://doi.org/10.1109/UEMCOS46508.2019.9221622)
- 4) **Abhishek Mallick**, Et.al. “Experimental Study of Howland Current Source using General Purpose Operational Amplifier and its Application to Bio-impedance Measurement” Conference: 2019 International Conference on Ubiquitous and Emerging Concepts on Sensors and Transducers (UEMCOS).
- 5) Kumaresh Halder, Dibyendu Mandal, **Abhishek Mallick** , Sukhen Das and Arijit Roy,” Electrochemical Study of Graphitic Oxide and Reduced GrapheneOxide Emphasizingon Their Defect Densities” Conference: International conference on Material Science and Mechanical Engineering. At: Barrackpore. FEB 2023.

- **A couple of research papers** have been communicated with peer reviewed journals. Expected to receive a positive outcome within a few days.

### **DECLARATION**

I solemnly declare that all the above informations are correct and true to the best of my knowledge and belief.



**(Abhishek Mallick)**