



# NETAJI NAGAR COLLEGE FOR WOMEN Kolkata-700092



**One Day Research Training Programme**

**on**

## **“Fabrication and Experimental Techniques of Self-Charged Power Cells”**

**(Under Scientific Social Responsibility (SSR) Policy of SERB)**

**4<sup>th</sup> January, 2023**

**Organised by**

**Department of Physics, Netaji Nagar College for Women**

*(Sponsored by SERB, Govt. of India (EEQ/2019/000340))*

**Target Group: *Researchers (Faculty, Post-doc, Doctoral Students)***

**No. of Participants: *Ten (10)***

**Registration fee: *Nil***

**LAST DATE OF REGISTRATION: *31/12/2022***

**Patron: *Dr. Tapan Kumar Ghosh, Principal, NNCW***

**Convenor: *Dr. Pradip Thakur, Assistant Professor, Department of Physics, NNCW***

**Contacts: *Email- thakurnano89@gmail.com Mobile: 9681720690***

**Registration Link: [https://docs.google.com/forms/d/e/1FAIpQLSc62EQYoXmITG\\_-0k8l6cMnJ9j6W-kpNc0XiYgigDrePgCl0A/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSc62EQYoXmITG_-0k8l6cMnJ9j6W-kpNc0XiYgigDrePgCl0A/viewform?usp=sf_link)**

## **:Tentative Program Schedule:**

11.00 AM – 11.30 AM: Registration

11.30 AM – 11.45 AM: Inauguration

11.45 AM – 12.00 PM: Tea/Coffee Break

12.00 PM – 01.00 PM: Lecture on “**Electroactive Polymer based Photo-power Cell**”  
By Dr. Pradip Thakur, Department of Physics,  
Netaji Nagar College for Women

01.00 PM – 01.30 PM: Lecture on “**Cyclic Voltammetry (CV): Theory and Applications**”  
By Dr. Putul Malla Chowdhury, Department of Physics,  
Netaji Nagar College for Women

01.30 PM – 02.00 PM: Demonstration on “**Fabrication of Polymaric Photo-power Cell**”  
By Dr. Farha Khatun, Department of Physics, Basanti Devi College

02.00 PM – 2.45 PM: Lunch Break

02.45 PM – 03.15 PM: Demonstration of “**Cyclic Voltammetry (CV) Instrument (PG Lyte-1.0) and Data Record.**”

03.15 PM – 03.45 PM: Demonstration of “ **Digital Multimeter ( DMM-6500, Keithley)**”

03.45 PM – 4.00 PM: Tea Break

04.00 PM – 04.30 PM: Vote of Thanks and Certificate Distribution