



Electrochemical Workstation (Cyclic Voltammetry CV)

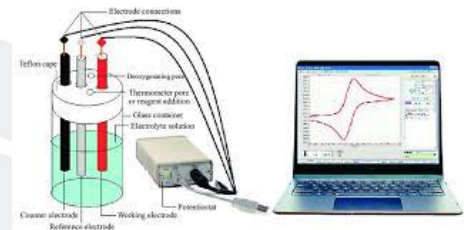
We are pleased to announce that the Cyclic Voltammetry (CV) Facility at our Institution is now available at **DRAVYA – Centre for Advanced Materials (CAM)** for research and academic purposes. This initiative aims to encourage and support the development of high-quality research.

The Cyclic Voltammetry (CV) facility is available for the purpose of research for both academicians and researchers. The samples may be analyzed through proper channel in consultation and **prior approval from the Dean - Research**.

We encourage all academicians and Researchers to make the most use of this opportunity to advance their research initiatives. Any clarifications and assistance regarding sample preparation and work request forms may be sought from the Research Team.

About the Cyclic voltammetry (CV) Equipment

Cyclic voltammetry (CV) is a powerful and popular electrochemical technique commonly employed to investigate molecular species' reduction and oxidation processes. CV is also invaluable in studying electron transfer-initiated chemical reactions, which include catalysis.



Model & Make: ZIVE MP1

PC communication: USB2.0 High Speed

Line voltage: 100-240VAC, 50/60Hz, 1Amp

Max output power: 15Watt

3 Channel CV

Equipped with a frequency response analyzer (FRA) and Smart LCD.

Frequency range: 10uHz to 1MHz

RA (zero resistance ammeter) range: Max. 1Amp in galvanic corrosion technique.

Applications:

For Corrosion

Material Testing

Sensor/Bio-Electrochemistry

Battery/Fuel Cell

Supercapacitor/Solar Cell etc.





Affiliated to VTU, Belagavi; Approved by AICTE, New Delhi and recognized by Government of Karnataka
Programs accredited by NBA, New Delhi – CV, EC, EE and ME
(Validity: 2022-23 to 2024-25)

CV Analysis Charges

Analysis (5 cycles only)	Research scholar (Rs.)/Sample		Academic Research Institutes (Rs.)/Sample		Industry (Rs.)/Sample
	Internal	External	Internal	External	
Cyclic Voltammetry	250	500	500	1000	2000
Differential Pulse Voltammetry	250	500	500	1000	2000
Linear Sweep Voltammetry	250	500	500	1000	2000
Chronoamperometry	250	500	500	1000	2000
Impedance analysis	250	500	500	1000	2000

***Charges may vary depending on the material and type of the analysis.**

Payment Details

Online payment must be made to the below-mentioned account and a transaction receipt along with the filled application has to be mailed to the Dean – Research.

Account Name	
Bank	
Account Number	
IFSC Code	
Branch Name	
Account Type	
Address	

Click here for work request form: [Link](#).