

**GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)**

**KUMBAKONAM – 612 001**

*Affiliated to Bharathidasan University*

**DST - CURIE Sponsored Institution**

**IV Cycle of Accreditation**



☎ 0435 – 2401391

✉ principal@gcw.ac.in



## **CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**

### **3.3. INNOVATION ECOSYSTEM**

#### **3.3.1: Initiatives for the Creation and Transfer of Knowledge/Technology**

**INCUBATION CENTRE**



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## **DST-CURIE INSTRUMENTATION FACILITY (D-CIF)**

### **ABOUT D-CIF**

DST-CURIE Instrumentation Facility (D-CIF) at Government College for Women (Autonomous), Kumbakonam was established in 2022 under the auspices of Department of Science and Technology (DST), Government of India. The focus of D-CIF is to facilitate students hailing from rural areas to get an access to sophisticated equipments with nominal charges in their pursuit of higher education. D-CIF which is equidistant from Annamalai University, Chidambaram and Bharathidasan University, Tiruchirappalli has become a boon to the students hailing from the neighbourhood of the college without having to travel around 100 kms from their residence. D-CIF promises to be an incubation centre sharing its knowledge and resources to the nearby higher educational institutions.

### **PRINCIPLE INVESTIGATOR**

**1. Dr.R.Radha Principal Investigator**

**E-mail : [radha\\_ramaswamy@gcwk.ac.in](mailto:radha_ramaswamy@gcwk.ac.in)**

### **CO- INVESTIGATOR**

**2. Dr.F.Kurus Malai Selvi, Co-Principal Investigator**

**E-mail : [f.kurusmalaiselvi@gcwk.ac.in](mailto:f.kurusmalaiselvi@gcwk.ac.in)**

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**UV VISIBLE SPECTROPHOTOMETER**



**DESCRIPTI**

- ✓ 207-25700-58 New Shimadzu UV-VIS Spectrophotometer, UV-1900i
- ✓ 071-60845-01 CORD SET, 3VTJ1/3VTJA2.4M
- ✓ 226-89001-00 UV 10mm Cell GS Kit
- ✓ USB Cable

**USES**

- ✓ It is the best analytical tool for quantitative and qualitative analysis of samples for various research field. It is easy to use, reliable, robust and fast.

**STATUS: ACTIVE**

**PHOTO LUMINESCENCE PL 100**



**DESCRIPTION**

✓ **MARUTEK MODEL : PL 100-  
Portable Photoluminescence  
Spectrometer**

**USES**

- ✓ To determine Band Gap, impurity levels and defect detection, Recombination mechanisms material quality and molecular structure and crystallinity.
- ✓ Research and Development Laboratories  
It is used to carry out a photochemical reaction, water splitting and photo chlorination reaction.

**STATUS : ACTIVE**



**PHOTO CATALYTIC REACTOR (PCR)**



**DESCRIPTION**

**CLASSIC MODEL UN VISIBLE  
LAMP 450W  
INBUILT UV/VISIBLE LAMP  
POWER SUPPLY WATT - 450W  
DIGITAL MAGNETIC STRRER  
WITH TIMER  
OUTER METAL SHELL (SAFETY  
CABINET)**

**USES**

**It is a device that uses light (photons)  
to perform a chemical reaction.**

**STATUS : ACTIVE**



*S. Anil*  
**PRINCIPAL**  
**Government College for Women (Autonomous)**  
**KUMBAKONAM.**