

Lady Doak College

Science Instrumentation Center

User Form

| | |
|----------|--------------------------|
| INTERNAL | <input type="checkbox"/> |
| EXTERNAL | <input type="checkbox"/> |

USER DETAILS

Name of the User :

Name of the Institution and Department :

Contact No. with E-Mail ID :

Name of the Instruments / No. of Samples : 1. /
(A single form can be submitted for three types of measurements) 2. /
3. /

MEASUREMENT DETAILS

1. UV - Vis Spectrophotometer : Absorbance / Transmittance
Wavelength Range :

2. Spectrofluorometer : EMISSION / EXCITATION
Ex-wavelength : Range :
Em-wavelength: Range :
Quantum yield measurement Yes / No

3. CHNS Analyser : Expected % of
Carbon : Nitrogen: Hydrogen : Sulphur :

4. Atomic Absorption Spectroscopy (AAS) : Metal : solvent:

5. Electro Chemical Analyser : Type of Electrode: Techniques:

6. Thermal Evaporation & Sputtering Unit (Thin film) : Sputtering : Aluminium (or) copper Time :
: Thermal Evaporation Required metal: Time :

7. Fourier transform infrared spectroscopy (FTIR) : Liquid pH Range : (or) KBr Pellet

8. High Performance Liquid Chromatography (HPLC) : Excitation Emission
Mobile phase: Retention time:

9. Laboratory Raman Analyser : Liquid Powder Solid :

10. Atomic Force Microscope (AFM) : Thin Film Polymer Expected Size / Shape :
(Liquid, sticky & Rough samples Cannot be analysed) *(Please contact us for more details about sample preparation)

11. Gas Chromatography (GC) : Fatty acid profile :

Signature of Project Guide /HoD (with Seal)
Date :

Signature of the
Student / Research Scholar

PAYMENT DETAILS

MODE OF PAYMENT

CASH PAYMENT : payment at Bursar's Office, LDC

DEMAND DRAFT PAYMENT : In favour of **Treasurer, KWEA**, payable at **Madurai**

D.D. No. : **Dtd. :**

| S.No. | Name of the Instrument | No. of Samples | Amount per sample | Total Amount |
|--------------------|------------------------|----------------|-------------------|--------------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| Grand Total | | | | |

**Signature of the
Student / Research Scholar**

**Signature of
Technical Assistant**

**Signature of Coordinator,
Science Instrumentation Center**

For office use

Receipt No. : Dtd. :

Date of Submission of sample :

Date of Analysis :

Result handed over on : Date : in person Through mail

Signature of user with Date

Name :

**Signature of the
Technical Assistant**

TERMS & CONDITIONS:

The form should be filled with all the requested details and submitted for sample analysis
Analysis of the sample will be completed within 1 week after the submission of the form
The result of the analysis will be provided only after the submission of the payment receipt.
Payment can be through Cash or D.D. (Details are given below)

Cash Payment : Bursar Office, LADY DOAK COLLEGE, Madurai
Demand Draft : In favour of **Treasurer, KWEA**, payable at **Madurai**

AMOUNT DETAILS :

| S.No. | Name of the Instrument | Inside | | Outside |
|-------|--|--|---|---------------------------------|
| 1. | UV - Visible Spectrophotometer | Absorbance | Less than 100 Rs. 10.00 More than 100 Rs. 7.00 | Rs. 25.00 / per sample |
| | | Transmittance | -do- | -do- |
| 2. | CHNS Analyser | Rs. 250.00 / per Sample | | Rs. 750.00 / per Sample |
| 3. | Spectrofluorometer | Emmision | Rs. 25.00 / per sample | Rs. 50.00 / per sample |
| | | Excitation | Rs. 25.00 / per sample | Rs. 50.00 / per sample |
| 4. | Atomic Absorption Spectroscopy | Rs. 40.00 / 1-9 Samples/Metal Rs. 30.00 / 10-50 Samples/Metal Rs. 20.00 / more than 50 Samples/Metal | | Rs. 100.00 / per Sample/Metal |
| 5. | Electro Chemical Analyser | Rs. 25.00 / per Sample / 1 hour | | Rs. 50.00 / per Sample / 1 hour |
| 6. | Thin Film Coating | Rs. 250.00 / per Sample | | Rs. 500.00 / per Sample |
| 7. | Fourier transform infrared spectroscopy (FTIR) | Rs. 50.00 / per Sample | | Rs. 100.00 / per Sample |
| 8. | High Performance Liquid Chromatography (HPLC) | Rs. 250.00 / per Sample | | Rs. 500.00 / per Sample |
| 9. | Laboratory Raman Analyser | Rs.10.00 / per sample | | Rs. 25.00 / per sample |
| 10. | Atomic Force Microscope | Rs. 250.00 / per Sample | | Rs. 500.00 / per Sample |
| 11. | Gas Chromatography | Rs. 250.00 / per Sample | | Rs. 500.00 / per Sample |