

**Thiagarajar College – Madurai – 625009**  
**CHARGES FOR CONSULTANCY SERVICES OFFERED BY THE COLLEGE**

| S.No | Name of the Equipment                    | Lab/Depts.                     | Service Charges |                 |
|------|--|--------------------------------|-----------------|-----------------|
|      |  |                                | External        | Internal        |
|      |  |                                | Rs.             | Rs.             |
| 1.   | UV -Vis-NIR Spectrophotometer (With DRS) | Central Facility (to be setup) | 150 / sample    | 100 / sample    |
| 2.   | FTIR Spectrometer (With ATR)             | Central Facility (to be setup) | 150 / sample    | 100 / sample    |
| 3.   | UV-Vis Spectrophotometer                 | Zoology                        | 100 /sample     | 100 / sample    |
| 4.   | Lyophilizer (Solid)                      | Zoology & NCoE                 | 150 /sample     | 150 /sample     |
|      | Lyophilizer (Liquid)                     | Zoology                        | 400 / sample    | 400 / sample    |
| 5.   | Microphotograph                          | Zoology                        | 100 / image     | 100 / image     |
| 6.   | Rotary Evaporator                        | Zoology                        | 200 / sample    | 200 / sample    |
| 7.   | Cyclic Voltagram                         | Chemistry                      | 100 / hour      | 50 / hour       |
|      | • Scan rate - dp V                       | Chemistry                      | 100 / hour      | 50 / hour       |
|      | • pH variation                           | Chemistry                      | 100 / hour      | 50 / hour       |
|      | • diff. pulse Voltagram                  | Chemistry                      | 100 / hour      | 50 / hour       |
|      | • Amprometric-time measurements          | Chemistry                      | 100 / hour      | 50 / hour       |
| 8.   | UV spectrometer                          | Chemistry                      | 100 / sample    | 50 / sample     |
| 9.   | IR spectrometer                          | Chemistry                      | 100 / sample    | 50 / sample     |
| 10.  | Fluorometry                              | Chemistry                      | 100 / sample    | 50 / sample     |
| 11.  | Thermogravimetric Analysis               | Chemistry                      | 600 / sample    | 500 / sample    |
| 12.  | Electrochemical work station             | Chemistry                      | 100 / hour      | 50 / hour       |
| 13.  | UV Sonicator                             | Chemistry & NCoE               | 50 / sample     | 50 / sample     |
| 14.  | Spectrofluorimeter                       | Chemistry                      | 60 / sample     | 100 / hour      |
| 15.  | UV – Vis spectrometer                    | Chemistry                      | 200 / hour      | 100 / hour      |
| 16.  | UV-Absorbance                            | NCoE                           | 100 /sample     | 100 /sample     |
| 17.  | HPLC                                     | NCoE                           | 400 / sample    | 400 / sample    |
| 18.  | PCR (3 hrs.)                             | NCoE                           | 150 / sample    | 150 / sample    |
|      | PCR (6 hrs.)                             | NCoE                           | 250 / image     | 250 / image     |
|      | PCR (above 6 hrs.)                       | NCoE                           | 400/ sample/day | 400/ sample/day |
| 19.  | Fermenter                                | NCoE                           | 500 / day       | 500 / day       |

*N. Jeyarajan*

**Dean (R & D)**

*(Signature)*

**Principal**

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| 20.  | Cooling Centrifuge             | NCoE             | 25 / sample         | 25 / sample         |
| 21.  | Incubator Shaker               | NCoE             | 100/sample/day      | 100/sample/day      |
| 22.  | Tissue culture                 | NCoE             | 50/sample/day       | 50/sample/day       |
| 23.  | Deep Freezer                   | NCoE             | 25/sample/day       | 25/sample/day       |
|      |                                |                  | 250/sample/30month  | 250/sample/30month  |
| 24.  | Block digester                 | Botany           | 100 / sample        | 80 / sample         |
| 25.  | Water analyser                 | Botany           | 50/sample/parameter | 30/sample/parameter |
| 26.  | B6 Smart scope                 | Botany           | 100 / Slide         | 50 / Slide          |
| 27.  | Spectrophotometer              | Botany           | 150 / sample        | 100/ sample         |
| 28.  | Descriptive Statistics         | Botany           | 50/ sample          | 30 / sample         |
| 29.  | Dip-coating                    | Physics          | 500/ hour           | 300/ hour           |
| 30.  | Spin - coating                 | Physics          | 500/ hour           | 300/ hour           |
| 31.  | UV - Spectrometer              | Physics          | 250 /sample         | 100 / sample        |
| 32.  | Photoluminescence              | Physics          | 300 / sample        | 100 / sample        |
| 33.  | Spray pyrolysis                | Physics          | 500 / hour          | 300 / hour          |
| 34.  | Ultrasonic flaw detector (NDT) | Physics          | 750 / hour          | 500 / hour          |
| 35.  | Atomic Absorption Spectrometer | Central Facility | 150 /sample         | 80 / sample         |

**SOFTWARE ANALYSIS**

| S.No | Name of the Equipment | Lab/Depts. | Service Charges  |          |
|------|-----------------------|------------|--|----------|
|      |                       |            | External   | Internal |
|      |                       |            | Rs.  | Rs.      |
| 1.   | Matlab                | Maths      | PG Students: 500/-; M.Phil. Scholars :1000/-<br>Research Scholars : 2000/- |          |
| 2.   | SPSS                  | NCoE       |  |          |
| 3.   | CSD – Data base       | Physics    | Rs.100/ day  | --       |

*N. Srinivasan*

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**SAMPLE TESTING**

| S.No | Name of the Equipment    | Centre/Lab | Service Charges             |                             |
|------|--------------------------|------------|-----------------------------|-----------------------------|
|      |                          |            | External                    | Internal                    |
|      |                          |            | Rs.                         | Rs.                         |
| 1.   | pH                       | NCoE       | 50 / sample                 | 50 / sample                 |
| 2.   | TDS                      | NCoE       | 50 / sample                 | 50 / sample                 |
| 3.   | Turbidity                | NCoE       | 100 / sample                | 100 / sample                |
| 4.   | Total Alkalinity         | NCoE       | 100 / sample                | 100 / sample                |
| 5.   | Acidity                  | NCoE       | 100 / sample                | 100 / sample                |
| 6.   | Dissolved Oxygen         | NCoE       | 100 / sample                | 100 / sample                |
| 7.   | Free Carbon dioxide      | NCoE       | 100 / sample                | 100 / sample                |
| 8.   | Total hardness           | NCoE       | 100 / sample                | 100 / sample                |
| 9.   | Calcium                  | NCoE       | 100 / sample                | 100 / sample                |
| 10.  | Chloride                 | NCoE       | 200 / sample                | 200 / sample                |
| 11.  | Phosphate                | NCoE       | 150 / sample                | 150 / sample                |
| 12.  | Gel doc                  | NCoE       | 100 / sample                | 100 / sample                |
| 13.  | Microbial analysis       | NCoE       | 150 /organism               | 150 /organism               |
| 14.  | Plant Identification     | Botany     | 50 /plant                   | 30 / plant                  |
| 15.  | Anti- bacterial activity | Botany     | 150 / sample /<br>treatment | 100 / sample /<br>treatment |

*N. Jeyaraj*

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