

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)
Chennai – 600 008

Affiliated to the University of Madras
College with Potential for Excellence
Re-accredited with A Grade by NAAC



4.1 PHYSICAL FACILITIES

**4.1.1 INFRASTRUCTURE AND PHYSICAL
FACILITIES FOR TEACHING-LEARNING**

(Instrumentation Centre)

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Instrumentation Centre

List of Instruments

1. HPLC
2. Weighing machine
3. Mercury lamp
4. Ultra Sonicator
5. UV – Trans illuminator
6. Fourier-Transform Infrared Spectroscopy
7. UV – Spectroscopy
8. Cooling Centrifuge
9. Gas Chromatography
10. Viscometer
11. Microscope
12. Trilocular Microscope
13. Deep Freezer
14. Water Bath
15. Spin Coating
16. Rotary Evaporator
17. Fluorescence Spectroscopy
18. Lyophilizer

S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)
Chennai – 600 008

Affiliated to the University of Madras
College with Potential for Excellence
Reaccredited with A Grade by NAAC



Instrumentation Centre



S. Kothari

Principal
ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

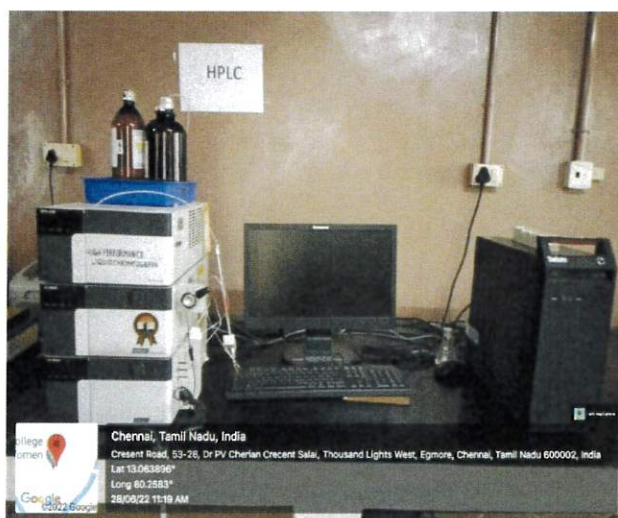
Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



HPLC



Weighing Machine



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Mercury Lamp



UV – Transilluminator



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Ultra Sonicator



Fourier-Transform Infrared Spectroscopy



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)
Chennai – 600 008

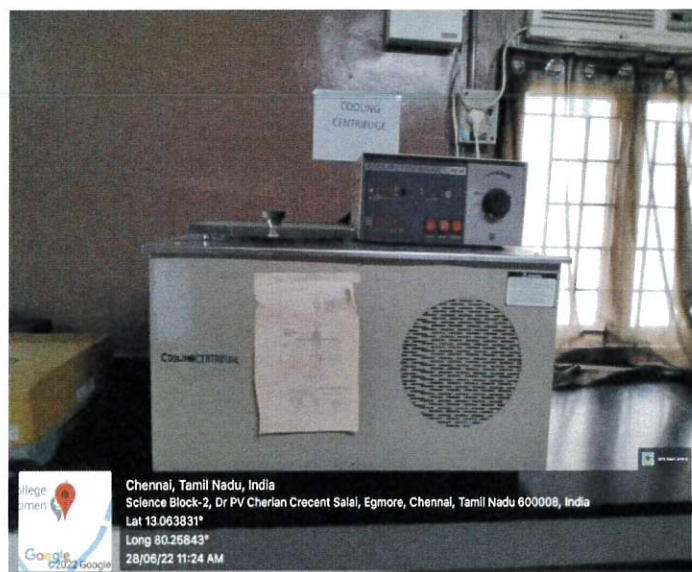
*Affiliated to the University of Madras
College with Potential for Excellence
Reaccredited with A Grade by NAAC*



UV - Spectroscopy



Cooling Centrifuge



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

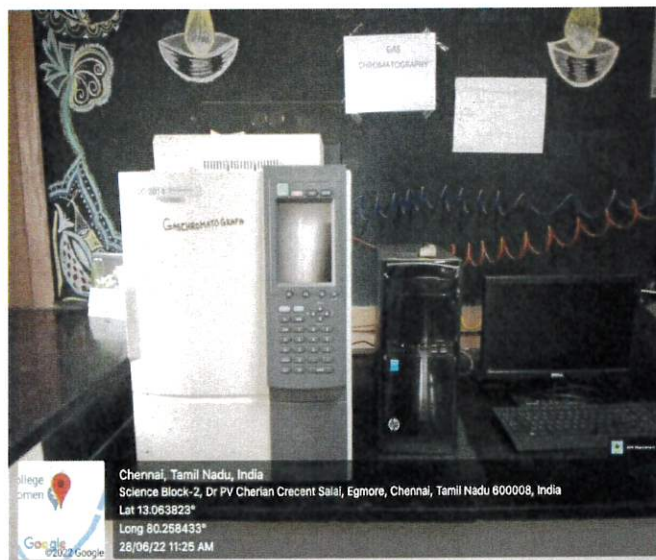
Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Gas Chromatography



Viscometer



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN

Chennai – 8

**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)
Chennai – 600 008**

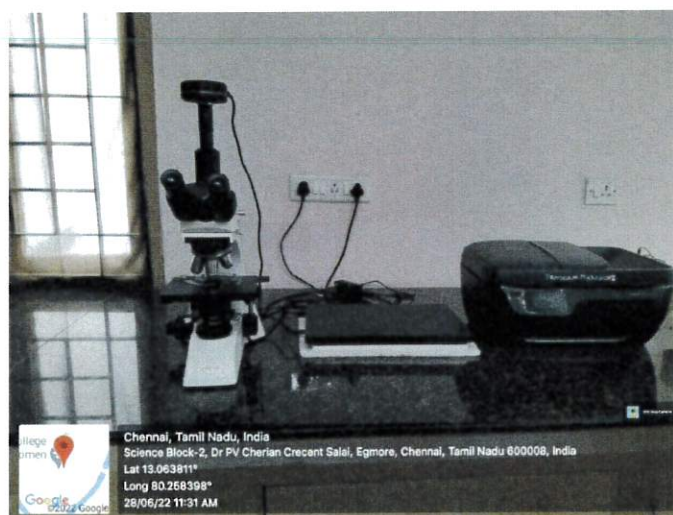
*Affiliated to the University of Madras
College with Potential for Excellence
Reaccredited with A Grade by NAAC*



Microscope



Trilocular Microscope



S. Kothari

Principal
ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)
Chennai – 600 008**

*Affiliated to the University of Madras
College with Potential for Excellence
Reaccredited with A Grade by NAAC*



Water Bath



Spin Coating



S. Kothari

Principal
ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

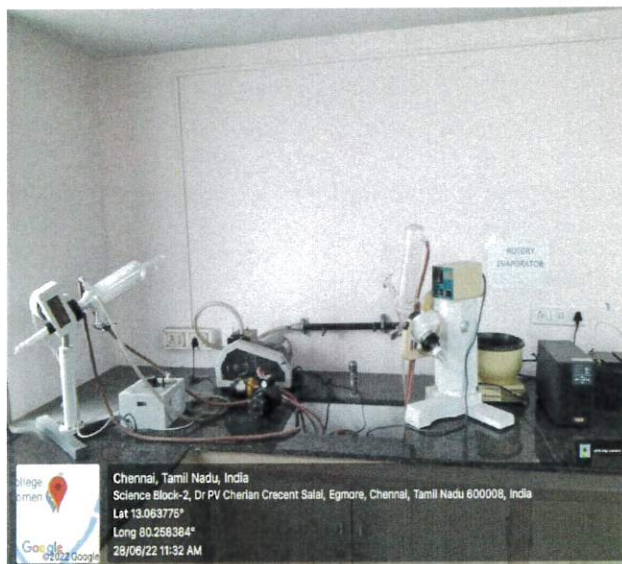
Affiliated to the University of Madras

College with Potential for Excellence

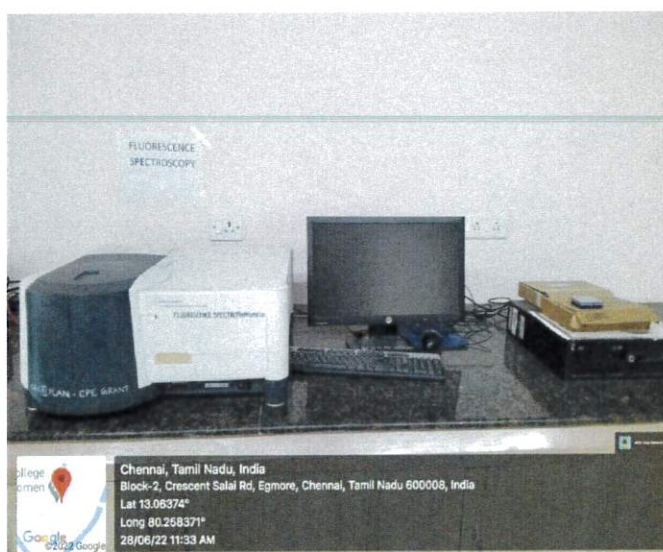
Reaccredited with A Grade by NAAC



Rotary Evaporator



Fluorescence Spectroscopy



S. Katarai

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

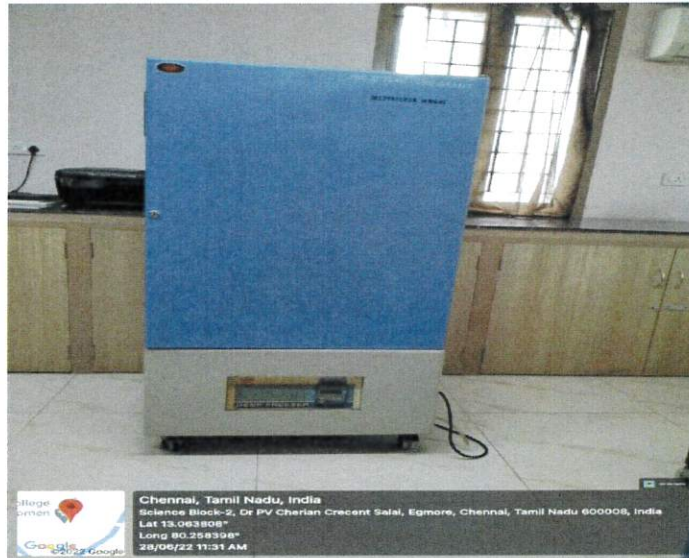
Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Deep Freezer



Lyophilizer



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

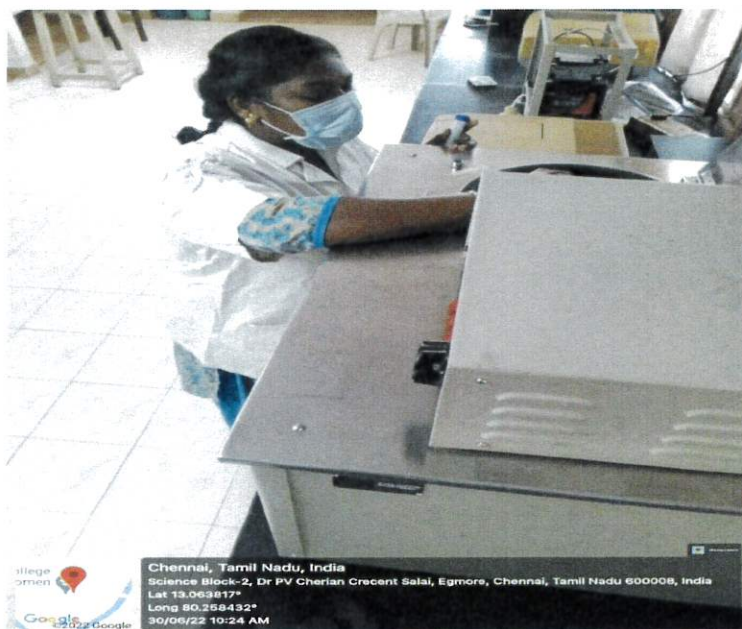
College with Potential for Excellence

Reaccredited with A Grade by NAAC



Research Scholars at Work in the Instrumentation Centre

Cooling Centrifuge



S. Kothari

Principal
ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8

ETHIRAJ COLLEGE FOR WOMEN (Autonomous)

Chennai – 600 008

Affiliated to the University of Madras

College with Potential for Excellence

Reaccredited with A Grade by NAAC



Trilocular Microscope



Fluorescence Spectroscopy



S. Kothari

Principal

ETHIRAJ COLLEGE FOR WOMEN
Chennai - 8