



Department of Chemistry

➤ Invitation

STAR PROGRAMME
2020 - 2021
Organized by
Marian Star Centre


Department of Chemistry and Zoology
St. Mary's College (Autonomous),
Re-accredited by NAAC with 'A+' Grade
Thoothukudi - 628 001.

Sponsored By


Department of Biotechnology
Ministry of Science & Technology,
Government of India

Workshop on
**" Clinical Laboratory
Equipments "**

Date : 03rd March 2021

Resource Person
Mr. T. Kombiah, D.MLT.,
Proprietor
Thanshri Diagnostics, Tirunelveli.

Session - I

Venue : Chemistry Lab

Time : 2.00pm. - 3.00pm.

Clinical Instrument

Semi Autoanalyser

Determination of Blood parameter's like

- | | |
|---|--|
| <input checked="" type="checkbox"/> sugar | <input checked="" type="checkbox"/> albumin |
| <input checked="" type="checkbox"/> cholesterol | <input checked="" type="checkbox"/> urea |
| <input checked="" type="checkbox"/> protein | <input checked="" type="checkbox"/> creatine |

Session - II

Venue : Zoology Lab

Time : 3.00pm. - 4.00pm.

Urine Analyser

- | | |
|--|---|
| <input checked="" type="checkbox"/> pH | <input checked="" type="checkbox"/> Ketone |
| <input checked="" type="checkbox"/> Nitrite | <input checked="" type="checkbox"/> Leucocyte |
| <input checked="" type="checkbox"/> specific gravity | <input checked="" type="checkbox"/> Protein |
| <input checked="" type="checkbox"/> Ascorbic acid | <input checked="" type="checkbox"/> Creatinine |
| <input checked="" type="checkbox"/> Glucose | <input checked="" type="checkbox"/> Calcium |
| <input checked="" type="checkbox"/> Bilirubin, | <input checked="" type="checkbox"/> Micro albumin |
| <input checked="" type="checkbox"/> Urobilinogen | |

Hemocytometer

- Counting blood cells

Hemoglobinometer

- Hemoglobin content in the blood

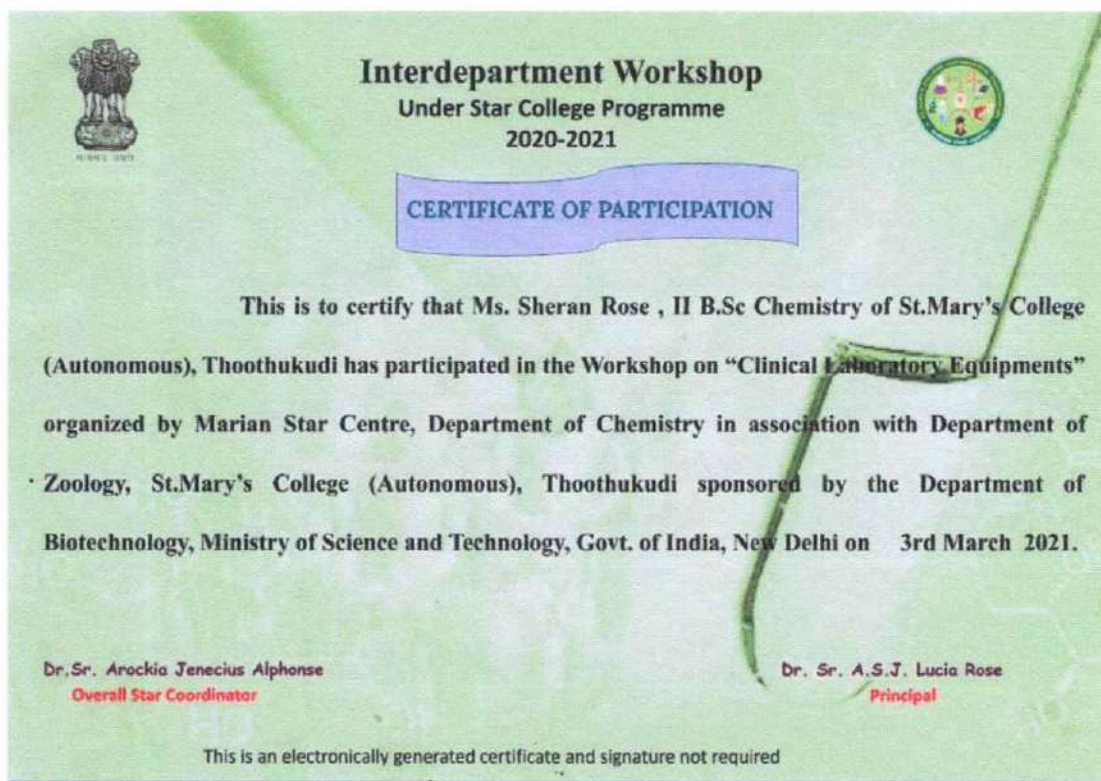
Sphygmomanometer

- Blood pressure.

➤ Screenshot



➤ Certificate



➤ **Report**

The Marian Star Centre, Department of Chemistry and Zoology jointly organised a Workshop on "Clinical Laboratory Equipments" on 3rd March, 2021, sponsored by DBT, Star College Scheme, New Delhi. Mr.T.Kombiah, Proprietor, Thanshri Diagnostics, Tirunelveli was the resource person. He explained clearly step by step the method of determination of blood parameters like sugar, cholesterol, protein, albumin, urea and creatine using semi autoanalyser in the Chemistry department. The next session took place in zoology department laboratory where he explained the determination of pH, nitrite, specific gravity, ascorbic acid, glucose, bilirubin, urobilinogen, ketone, leucocyte, protein, creatinine, calcium and microalbumin using urine analyser, then counting blood cells using hemocytometer, haemoglobin content in the blood using hemoglobinometer and blood pressure using sphygmomanometer.

S. Ranigeyam

Head of the Department

Head
Department of Chemistry,
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B. Serena Margaret
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IQAC Co-ordinator
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Principal

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