



ST. ANN'S COLLEGE FOR WOMEN

(A Catholic Christian Minority Institution Affiliated to Acharya Nagarjuna University)
(Recognized the College Under Section 2(f) of the UGC Act. 1956 - New Delhi)

AMARAVATHI ROAD, GORANTLA, GUNTUR - 522 034. A.P.

ADMISSION NOTICE

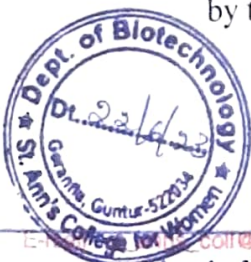
ADD ON COURSE: 2022-2023

The department of Biotechnology propose to enroll Add On course on **MEDICAL LABORATORY TECHNOLOGY** This programme is for the students of II-year BSC-BBC Students of our college commence from 26th June to 1st July 2023

Details of the course are :

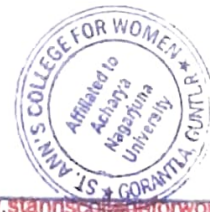
Course	: MEDICAL LABORATORY TECHNOLOGY
Period of course	: 26 th June to 1 st July 2023
Duration	: 30 hours
Time	: 9:00am to 12:00pm & 1:00pm to 4:00pm
Mode of teaching	: Offline
Registration Fee	: 100/-
Venue	: Biotechnology lab
Course coordinator	: Mrs.K. Vanaja
Last date for registration	: 24 th June 2023

- A Minimum 80% attendance & 70% Marks in Final assessment conducted by the Department are Mandatory requirements for obtaining the certificate



Dis
22/6/23.
PRINCIPAL

St. Ann's College for Women
GORANTLA, GUNTUR-522 034



Head of Dept. of Bio Technolog,
St. Ann's College for Women
GORANTLA, GUNTUR-522034.

ST.ANN'S COLLEGE FOR WOMEN

Gorantla, Guntur

Department of Biotechnology

ADD ON COURSE

2022-2023

Add on course is a specialized education designed to develop or strengthen specific career skills.

- Add on course is considered continuing education in some cases because it builds on your knowledge of a particular career (or) industry.

Medical Laboratory Technology (MLT)

MLT is a health professional skill course by conducting laboratory tests and responsible for the initiation of the treatment process by observing symptoms and diagnosing, treating and preventing diseases.

- MLT deals with the diagnosis, treatment and prevention of disease using clinical laboratory.

Objectives:

- To educate the student to acquire knowledge of clinical laboratory.
- To impart basic knowledge on medically relevant information.

Outcomes:

- To operate and maintain laboratory equipment
- Analyze various clinical patients' samples.

Syllabus

1. Introduction to Medical laboratory technology, glassware and plasticware using in medical lab.
2. Blood and its composition, separation of serum and plasma, blood clotting, blood groups, blood percentage.
3. Instrumentation of laboratory – balance, water bath, colorimeter, P^H meter, autoclave, hot air oven, BSR stand, Haemometer, centrifuge microscope etc.

Practical's:

1. ABO Blood grouping
2. Estimation of haemoglobin by Haemometer
3. Estimation of blood glucose
4. Sterilization methods
5. Separation of serum and plasma



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K. Manjula
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