



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE  
FOR WOMEN, SIRCILLA  
RAJANNA - SIRCILLA DIST., TELANGANA STATE



DEPARTMENT OF MICROBIOLOGY

**VALUE ADDED COURSE  
AY-2022-23**

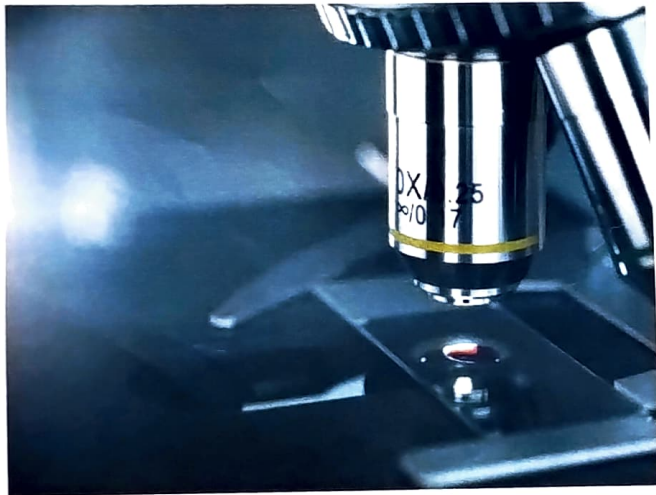
**CLINICAL HAEMATOLOGY**



## **NOTICE**

## **CLINICAL HAEMATOLOGY**

## **CERTIFICATE COURSE AY-2022-23**



Here by informing all the interested students to enroll in the certificate course “**Clinical Haematology**” conducting by the Department of Microbiology which is going to start from Dt:16/08/2022. Those who are interested can apply.

**COURSE NAME: Clinical Haematology**

**ELIGIBILITY: All B.Sc students**

**LAST DATE FOR APPLICATION:10-08-2022**

**COURSE STARTS FROM: 16-08-2022**

**EXAM DATE: 26-09-2022**

**Principal**  
TTWRDC(W)SIRCILLA  
Dist: Rajanna Sircilla

**TELANGANA TRIBAL WELAFRE RESIDENTIAL DEGREE  
COLLEGE FOR WOMEN, SIRCILLA**

Affiliated to Satvahana Univerisity

**DEPARTMENT OF MICROBIOLOGY**

VALUE ADDED COURSE

**CLINICAL HAEMATOLOGY**

Course code: MIC O18

**DURATION AND CLASS SCHEDULE**

- This course is offered for three months, with two batches in an academic year.
- Duration: 3 Months. 3 sessions, of one hours each from 4 pm- 5 pm, per week, that is 3 hours per week.
- Class Schedule: Classes shall be conducted on Monday, Tuesday & Wednesday from 4 pm - 5 pm (3 hours per week).
- Total number of hours is 36 hours.

**COURSE OUTCOMES**

- By the end of the course, students shall be able to gain the knowledge about blood-cells and blood related diseases

**SYLLABUS**

**UNIT:1**

- Blood definition, characters, composition, collection of blood , types capillary blood , venous blood collection, Composition of blood (RBC, WBC, Plasma, serum, platelet-
- Staining of blood films, Differential count. Blood grouping, RH Typing. Haemoglobin; composition and normal values. Haemoglobin estimation and anti coagulants.


**UNIT:2**


- Principles of blood transfusion, Donar screening Cross matching, collection of blood, preservation and storage. Precautions of handling blood and its products.
- Challenges in management of Haemophilia and Anemia. General account on spread of diseases through blood and blood products .COagulation factors, Bleeding time, clotting time.

**EVALUATION PROCEDURE**

- The course shall have two components of evaluation:
- A) Continuous evaluation of 30 marks B) Practicals 20 marks, covering all modules.

  
Faculty

Principal  
TTWRDC(W)SIRCILLA  
Dist: Rajanna Sircilla  
  
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Principal



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RAJANNA - SIRCILLA DIST., TELANGANA STATE



DEPARTMENT OF MICROBIOLOGY

# VALUE ADDED COURSE AY-2021-22

## MICROBIOLOGY FOR HEALTH & WEALTH



## **NOTICE**

### **DEPARTMENT OF MICROBIOLOGY**

### **CERTIFICATE COURSE AY-2021-22**



Here by informing all the interested students to enroll in the certificate course "Microbiology for Health and Wealth" conducting by the Department of Microbiology which is going to start from Dt:09/09/2021. Those who are interested can apply.

**COURSE NAME: Microbiology for Health and wealth**

**ELIGIBILITY: All B.Sc students**

**LAST DATE FOR APPLICATION:03-09-2021**

**COURSE STARTS FROM: 09-09-2021**

**EXAM DATE: 18-10-2021**

Principal  
TTWRDC(W)SIRCILLA  
Dist: Rajanna Sircilla

A handwritten signature in black ink, appearing to be the name of the Principal, written over the printed name.

**TELANGANA TRIBAL WELAFRE RESIDENTIAL DEGREE COLLEGE FOR  
WOMEN, SIRCILLA**

**Affiliated to Satavahana University**

**DEPARTMENT OF MICROBIOLOGY**

**VALUE ADDED COURSE**

**MICROBIOLOGY FOR HEALTH AND WEALTH**

**Course code : MICR 006**

**DURATION AND CLASS SCHEDULE**

- This course is offered for three months, with two batches in an academic year.
- Duration: 3 Months. 3 sessions, of one hours each from 4 pm- 5 pm, per week, that is 3 hours per week.
- Class Schedule: Classes shall be conducted on Monday, Tuesday & Wednesday from 4 pm - 5 pm (3 hours per week).
- Total number of hours is 36 hours.

**COURSE OUTCOMES**

- By the end of the course, students shall be able to gain the knowledge about the role of Microbiology in human health and wealth in Daily Life

**SYLLABUS**

**UNIT:1**

- General characters of microorganisms. Microbial interaction, Diseases. Advantages and Disadvantages of microbes in human health. Importance of vaccination in community health. Effects of over use of vaccination in community health.

**UNIT:2**

- Fermentation, Fermented food Bread production products. Dairy Microbiology, Production of yogurt, Cheese, Curd. Prebiotics, Probiotics their importance for human welfare
- Health and hygienic conditions to avoid microbial infection

**EVALUATION PROCEDURE**

- The course shall have two components of evaluation:
- A) Continuous evaluation of 30 marks B) Assignment 20 marks, covering all topics

  
**Principal**  
**TTWRDC(W)SIRCILLA**  
**Dist: Rajanna Sircilla**



TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE  
FOR WOMEN, SIRICILLA  
RAJANNA - SIRICILLA DIST., TELANGANA STATE



DEPARTMENT OF MICROBIOLOGY

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**VALUE ADDED COURSE  
AY-2020-21**

**MICROBIOLOGY  
FOR  
HEALTH & WEALTH**



## NOTICE

## DEPARTMENT OF MICROBIOLOGY

## CERTIFICATE COURSE AY-2020-21



Here by informing all the interested students to enroll in the certificate course "Microbiology for Health and Wealth" conducting by the Department of Microbiology which is going to start from Dt:09/09/2020. Those who are interested can apply.

**COURSE NAME: Microbiology for Health and wealth**

**ELIGIBILITY: All B.Sc students**

**LAST DATE FOR APPLICATION:04-09-2020**

**COURSE STARTS FROM: 09-09-2020**

**EXAM DATE: 15-10-2020**



**TELANGANA TRIBAL WELAFRE RESIDENTIAL DEGREE COLLEGE FOR  
WOMEN, SIRCILLA**

Affiliated to Satavahana University

**DEPARTMENT OF MICROBIOLOGY**

VALUE ADDED COURSE

**MICROBIOLOGY FOR HEALTH AND WEALTH**

Course code : MICR 006

**DURATION AND CLASS SCHEDULE**

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**COURSE OUTCOMES**

- By the end of the course, students shall be able to gain the knowledge about the role of Microbiology in human health and wealth in Daily Life

**SYLLABUS**

**UNIT:1**


- General characters of microorganisms. Microbial interaction, Diseases. Advantages and Disadvantages of microbes in human health. Importance of vaccination in community health. Effects of over use of vaccination in community health.

**UNIT:2**

- Fermentation, Fermented food Bread production products. Dairy Microbiology, Production of yogurt, Cheese, Curd. Prebiotics, Probiotics their importance for human welfare
- Health and hygienic conditions to avoid microbial infection

**EVALUATION PROCEDURE**

- The course shall have two components of evaluation:
- A) Continuous evaluation of 30 marks B) Assignment 20 marks, covering all topics

  
**Principal**  
TTWRDC(W)SIRCILLA  
Dist: Rajanna Sircilla

Principal

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RAJANNA - SIRICILLA DIST., TELANGANA STATE



DEPARTMENT OF MICROBIOLOGY

# VALUE ADDED COURSE AY-2019-20

## MICROBIOLOGY FOR HEALTH & WEALTH



## **NOTICE**

### **DEPARTMENT OF MICROBIOLOGY**

### **CERTIFICATE COURSE AY-2019-20**

Here by informing all the interested students to enroll in the certificate course **“Microbiology for Health and Wealth”** conducting by the Department of Microbiology which is going to start from Dt:09/09/2019. Those who are interested can apply.

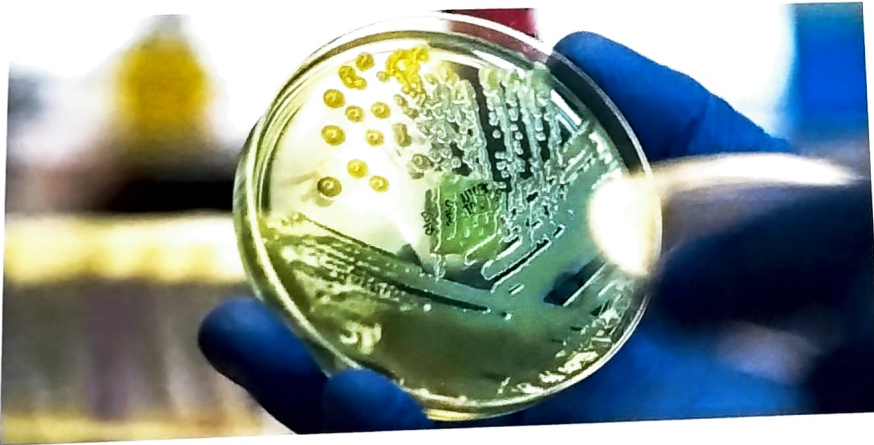
**COURSE NAME: Microbiology for Health and wealth**

**ELIGIBILITY: All B.Sc students**

**LAST DATE FOR APPLICATION: 1-09-2019**

**COURSE STARTS FROM: 09-09-2019**

**EXAM DATE: 05-12-2019**



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**DEPARTMENT OF MICROBIOLOGY**

**VALUE ADDED COURSE**

**MICROBIOLOGY FOR HEALTH AND WEALTH**

Course code : MICR 006

**DURATION AND CLASS SCHEDULE**

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**SYLLABUS**

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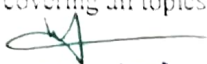
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