ST. JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS) VISAKHAPATNAM

III SEMESTER **BOTANY** TIME:2 HRS/WEEK

B-Ma2-3151(2) **PLANT PATHOLOGY AND PLANT DISEASES** MARKS: 50

w.e.f. “23AK”  **PRACTICAL SYLLABUS**

**I. Course Outcomes:** On successful completion of this practical course, student shall be able to:

CO1. Handle equipment and instruments in plant pathology laboratory.

CO2. Isolate plant pathogenic microbes.

CO2. Identify the plant diseases based of histopathological observations.

**II. Laboratory/field exercises:**

1. Familiarity with general plant pathological laboratory and field equipment.

2. Isolation and Identification of plant pathogenic fungi.

3. Isolation and Identification of plant pathogenic bacteria.

4. Identification of phanerogamic plant parasites.

5. Isolation and Identification of plant pathogenic nematodes.

6. Demonstration of Koch's postulates

7. Identification and histopathological studies of selected diseases of field crops.

8. Identification and histopathological studies of selected diseases of horticultural crops.

\*\* \*\* \*\*