

# MAHARAJAH'S COLLEGE (AUTONOMOUS)

(Affiliated to Andhra University, Accredited by NAAC with 'B' Grade Recognized by UGC under 2(f) and 12(B) sections) of the UGC Act 1956 Near Clock Tower, Vizianagaram – 535002

Estd. 1879

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## **COURSE STRUCTURE :: Academic Year : 2022 – 23 :**

| Courses                     | Sem-I   | Sem – II | Sem – III | Sem – IV           | Sem - V                |
|-----------------------------|---------|----------|-----------|--------------------|------------------------|
| Life Skills                 | 1(02)   | 1(02)    | 2(04)     |                    |                        |
| Skill Development<br>Course | 1(02)   | 2(04)    | 1(02)     |                    |                        |
| Language -1                 | C-1(04) | C-2(04)  | C-3(04)   |                    |                        |
| Language -2                 | C-1(04) | C-2(04)  | C-3(04)   |                    |                        |
| Domain Sub-1                | C-1(06) | C-2(06)  | C-3(06)   | C-4(06)<br>C-5(06) | SEC-1(06)<br>SEC-2(06) |
| Domain Sub-2                | C-1(06) | C-2(06)  | C-3(06)   | C-4(06)<br>C-5(06) | SEC-1(06)<br>SEC-2(06) |
| Domain Sub-3                | C-1(06) | C-2(06)  | C-3(06)   | C-4(06)<br>C-5(06) | SEC-1(06)<br>SEC-2(06) |
| Total Hours/Week            | 30      | 32       | 32        | 36                 | 36                     |

# • Sixth Semester Internship/Apprenticeship/OJT with 12 Credits.

|                           | Hours/week |           | Total<br>Hours | Credits | Max Marks<br>Internal | Max<br>Marks | Total |
|---------------------------|------------|-----------|----------------|---------|-----------------------|--------------|-------|
| Subject/Course            | Theory     | Practical | Hours          |         | Assessment            | Warks        |       |
| Life Skills course        | 02         | -         | 02             | 02      | 0                     | 50           | 50    |
| Skill                     |            |           | 02             | 02      | 0                     | 50           | 50    |
| Development               | 02         | -         |                |         |                       |              |       |
| course                    |            |           |                |         |                       |              |       |
| Language<br>Subject       | 04         | -         | 04             | 03      | 25                    | 75           | 100   |
| Domain                    |            |           | 05             | 04      | 25                    | 75           | 100   |
| Arts/Commerce             | 05         | -         |                |         |                       |              |       |
| subject                   |            |           |                |         |                       |              |       |
| Domain Science<br>Subject | 04         | 02        | 05             | 05(4+1) | 25                    | 75           | 100   |
| Mathematics               | 06         | -         | 06             | 05      | 25                    | 75           | 100   |

All of these Courses from various Program/ Discipline have been designed with clearly defined the Course Objectives and Course Outcomes and these are stated in the syllabus copies. All the **disciplines** have the following attributes attained by students, on completion of Program. Part of the curriculum, Students will undergo Community Service Project, short term and long term Internships. To ensure inculcating social responsibility and compassionate commitment among the students, the summer vacation in the intervening 1st and 2nd years of study shall be for Community Service is made mandatory. To make the students employable, an Apprenticeship / Internship / On the job training shall be undertaken by the students in the intervening summer vacation between the 2nd and 3rd years. During the entire 6th Semester, the students shall undergo Apprenticeship / Internship / On the Job Training. This is to ensure that the students develop hands on technical skills which will be of great help of in facing the world of work.

## The following are Specific Outcomes:

- 1. Strengthens student's abilities for widening current knowledge and Understanding key concepts, Principles related to the subject.
- 2. Develops in students the ability to apply the knowledge and transferable skills to unfamiliar and also able to develop ethical integrity, communication skills.
- 3. Able to employ critical thinking and efficient problem solving skills in the basic areas, like analytical, physical, organic, inorganic.
- 4. Able to demonstrate Technical skills, investigative and analytical skills.
- 5. Able to use ICT tools.
- 6. Able to improve skills like Oral communication, Written communication, Positive Attitude, Professionalism, Self-confidence, Work Plan and organization, Ability to learn, Time Management, Quality of work done..etc., after completion of CSP and Internship phase I and phase II, part of curriculum.

#### 1. PROGRAM PATTERN:

**B.Sc., B.A., B.Com & BBA:** The program is for 3 academic years 6 semesters.

## 2. AWARD OF DEGREE:

A student will be declared eligible for the award of degree if he/she fulfills the following academic regulations.

- a) A student shall be declared eligible for the award of degree, if he/she pursues a course of study for not less than three academic years and not more than six academic years from the date of admission.
- b) The student shall register for credits:

| Name of the Program | No of Credits |
|---------------------|---------------|
| B.Sc                | 159           |
| B.Com               | 140           |
| B.A                 | 140           |
| B.B.A               | 140           |

The student shall secure all the credits.

- c) The medium of instruction for the entire under graduate program will be in **English** only.
- d) Students who fail to complete Three Years Course of study within 6 years shall forfeit their seat and their admission shall stand cancelled.

## 3. COURSES OFFERED:

| Name of the Program             | Combination of Courses                    |  |  |
|---------------------------------|---|--|--|
|                                 | M.P.C                                     |  |  |
|                                 | M.P.Cs                                    |  |  |
|                                 | M.S.Cs                                    |  |  |
| B.Sc.                           | M.C.Cs                                    |  |  |
| (Bachelor of Science)           | B.Z.C                                     |  |  |
| (Bachelor of Science)           | M.G.C                                     |  |  |
|                                 | DS.S.CS                                   |  |  |
|                                 | M.E.CS                                    |  |  |
|                                 | BBA                                       |  |  |
| B.A                             | H.E.P                                     |  |  |
| (Bachelor of Arts)              | T.H.P                                     |  |  |
|                                 |   |  |  |
| B.Com<br>(Bachelor of Commerce) | B.Com(General)                            |  |  |
| M.Sc.<br>(Master of Science)    | Organic Chemistry<br>Analytical Chemistry |  |  |

#### 4. DISTRIBUTION AND WEIGHTAGE OF MARKS:

## a). Theory:

All Theory courses will have 5 units and assessed for 100 marks, of which, 40 marks for internal assessment and 60 marks for semester end examination.

## **Internal Assessment:**

Internal Assessment - 25 Marks Assignments - 10Marks Attendance - 05Marks

- Two Internal Assessment shall be conducted. One on first 50% of the syllabus and the second on remaining 50% of the syllabus.
- Each Internal Assessment consists Subjective test
- Each subjective test shall be conducted for 60 Minutes and assessed for 25 marks
- Assignments shall be assessed for 10 marks and attendance shall be assessed for 5 marks.
- Final Internal Assessment marks can be calculated from the average of the two Internal Assessments.

#### **Semester End Examinations:**

• External examination is for 60 marks (150 min). Question paper contains Essay Questions and Short Answer Questions.

**Assignments:** The student has to submit 5 assignments (1 for each unit) and assessed for 10 marks. Each assignment shall consist of 4 questions (4X10 = 40 marks) and the same shall be scaled down to 10 marks. Average of 4 assignments shall be considered as final assignment marks.

## b) Semester End Practical:

All Laboratory Courses are assessed for 50 marks.

- Semester end practical examination shall include assessment of the student on
  - a) Knowledge of principles/concepts involved
  - b) Experimental design
  - c) Result interpretation and analysis
  - d) Experimental report
- Semester end examination is for 50 marks (150 min) conducted and assessed by both external and internal examiners.

## **Evaluation process for Community Service project and Short and long Internships:**

## **Assessment Model: (Community Service project)**

- There shall only be internal evaluation.
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 100marks.
- The number of **credits assigned is 4.**
- Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings shall be:

| 0 | Activity Log                             | 20marks |
|---|--|---------|
| 0 | Community Service Project Implementation | 30marks |
| 0 | Mini Project Work                        | 25marks |
| 0 | Oral Presentation                        | 25marks |

## **Assessment Model: (Short term Internship)**

- There shall only be internal evaluation.
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 100 marks.
- The number of **credits assigned is 4**. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings shall be:

| 0 | Activity Log          | 25 marks |
|---|-----------------------|----------|
| 0 | Internship Evaluation | 50marks  |
| 0 | Oral Presentation     | 25 marks |

# **Assessment Model : (Long term Internship)**

- There shall be both internal evaluation and external evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks

- The number of **credits assigned is 12**. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings for Internal Evaluation shall be:

Activity Log
Internship Evaluation
Oral Presentation
10 marks
10 marks

• The weightings for External Evaluation shall be:

Internship Evaluation 100 marksViva-Voce 50 marks