

# **MAHENDRA ARTS & SCIENCE COLLEGE**

(Autonomous)

Kalippatti – 637 501.

**(Affiliated to Periyar University, Salem)**

## **REGULATIONS FOR POST GRADUATE DEGREE COURSES IN ARTS, SCIENCES AND COMMERCE STUDIES**

**SEMESTER SYSTEM - CBCS PATTERN**

**(With effect from 2019-2020)**

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# MAHENDRA ARTS & SCIENCE COLLEGE (Autonomous)

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## REGULATIONS FOR POST GRADUATE DEGREE COURSES IN ARTS, SCIENCES AND COMMERCE STUDIES

### SEMESTER SYSTEM - CBCS PATTERN

**(With effect from 2019-2020)**

The following Regulations are applicable to the students admitted to Post Graduate Degree courses in Arts, Sciences and Commerce studies programmes in Mahendra Arts & Science College, (Autonomous), Affiliated to Periyar University, Salem – 11 from the academic year 2019 – 2020.

## 1. Preliminary Definitions and Nomenclature

- **Programme** : “Programme” means a course of study leading to the award of a degree in a discipline.
- **Course** : “Course” refers to a paper / practical / subject offered under the degree programme.

Each Course is to be designed variously under Lectures / Tutorials / Laboratory or field work / Seminar / Inplant training / Assignments / Term paper or Report writing etc., to meet effective teaching and learning needs.

- **“Discipline”** means specialization or branch of PG Degree Programme, like Arts, Science and Commerce.
- **“Head of the Institution”** means the Principal of the College.
- **“Head of the Department”** means Head of the Department Concerned.
- **“Controller of the Examinations”** means the authority of the college who is responsible for all activities of the Autonomous College Examinations.
- **“University”** means Periyar University, Salem – 636 011.
- **“College”** means Mahendra Arts & Science College (Autonomous).
- **M.A** means Master of Arts, **M.Sc.** means Master of Science, **M.Com.** means Master of Commerce, **MSW** means Master of Social Work.

**i) Core Courses**

“The Core Courses” related to the programme concerned including practicals offered in the programme.

**ii) Elective Courses**

“Elective courses” related to the core courses of the programme concerned, offered in the programme”. A detailed explanation of the above with relevant credits are given under “Scheme of Examination along with Distribution of Marks and Credits”.

**Duration:**

This means the stipulated years of study to complete a programme as prescribed by the University from time to time. Currently for the postgraduate programme the duration of study is two years.

**Credits :**

The weightage given to each course of study (subject) by the experts of the Board of Studies concerned. The term ‘Credit’ refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. For instance, a six hour course per week is assigned 6/5/4 credits, a five hour course per week is assigned 5/4/3 credits and a four hour course per week is given 4/3/2 credits. However, in no instance the credits of a course can be greater than the hours allotted to it. The total minimum credits, required for completing a PG programme is 90, as prescribed by the Board of Studies concerned.

**Credit System:**

The course of study under this regulation, where weightage of credits are spread over to different semesters during the period of study and the Cumulative Grade Point Average shall be awarded based on the credits earned by the students. A total of minimum 90 credits are prescribed for the Postgraduate Programme offered in two years.

**Choice Based Credit System (CBCS):**

All Postgraduate Programmes offered by the College shall be under Choice Based Credit System. This is to enhance the quality and mobility of the students within and between the Universities / Colleges in the country.

**2. Eligibility for Admission to the Course**

A candidate who has passed the Degree Examination, generally as main subject of study of this College or an examination of any other Universities / Autonomous Colleges accepted by the academic council as equivalent there to shall be eligible for admission to the Master

Degree. No student shall be eligible for admission to a Master's degree programme in any of the faculties unless he/she has successfully completed a three year undergraduate degree or earned prescribed number of credits for an undergraduate degree through the examinations conducted by a University / Autonomous Institution. Provided that candidates for admission into the specific main subject of study shall also possess such other qualifying conditions as may be prescribed by the academic council in the Regulations governing respective courses of study.

### **3. Duration of the Course**

The course shall extend over a period of two years comprising of four semesters with two semesters in one academic year. There shall not be less than 90 working days for each semester. Examination shall be conducted at the end of every semester for the respective subjects. Each semester have 90 working days consists of 5 teaching hours per working day. Thus, each semester has 450 teaching hours and the whole programme has 1800 teaching hours.

#### **Programmes:**

##### **ARTS:**

1. M.A. Tamil
2. M.A. English
3. M.S.W.

##### **SCIENCE:**

1. M.Sc. Mathematics
2. M.Sc. Physics
3. M.Sc. Chemistry
4. M.Sc. Analytical Chemistry
5. M.Sc. Biotechnology
6. M.Sc. Computer Science

##### **COMMERCE:**

1. M.Com.
2. M.Com. (Computer Applications)

#### 4. Course of Study

The course of study for the PG degree courses of all branches shall consist of the following:

##### i) Core subject

Core papers including practicals wherever applicable are offered as prescribed in the scheme of examination, by the Boards of studies of different subjects. There shall be 16 / 18 Core papers including practicals with 78/80 credits (out of 90/95 total credits) for all PG Courses.

##### (ii) Electives courses

Four / Five elective courses with 12/15 credits (out of 90/95 total credits) are to be offered one in each semester. Elective subjects are to be selected from the list of electives prescribed by the Board of Studies concerned. Department can choose any one of the papers, among the three or four Elective papers prescribed by the Board of studies concerned as elective for a particular semester.

Theory Examinations shall be conducted in the core subjects at the end of every semester. There shall be practical examinations in the core / elective subjects at the end of each semester or at end of even semesters as prescribed by the Board of Studies concerned.

##### Project

There shall be a Mini project work / Internship at the end of Semester II and a Main project work at end of Semester IV as prescribed by the respective boards of studies, if applicable.

The following guidelines / clarifications are offered for the Project with Viva-voce:

1. The project should be valued for 60 marks by an external examiner; however the Viva-Voce examination should be conducted by both the external examiner appointed by the College and the internal examiner / guide/teacher concerned.
2. The Project Report may consist a minimum of 60 pages.
3. The candidate has to submit the Project Report 30 days before the commencement of the IV Semester Examinations.
4. A candidate who fails in the Project/Dissertation or is absent may resubmit the report, on the same topic, with necessary modification / correction / improvements in the subsequent even semester examination for evaluation and shall undergo viva-voce examination.

## 5. Course Committee for Common Courses

Each common course offered to more than one group of students shall have a “Course Committee” comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments.

The Course committee shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Wherever it is feasible, the course committee may also prepare a common question paper for the Assessment Test(s).

## 6. Requirement to appear for the examinations

a) A candidate shall be permitted to appear for the End Semester Examinations for any semester (theory as well as practical) if he/she secures not less than 75% of attendance in theory as well as in practicals in the number of working days during the semester.

b) A candidate who has secured less than 75% but 65% and above attendance in any semester separately for theory and practicals, shall be permitted to take the examination on the recommendations of the Head of the Institution to condone the lack of attendance on the payment of prescribed fees to the College, separately for theory and practicals.

c) A candidate who has secured less than 65% but 55% and above attendance in any semester in theory as well as in practicals, has to compensate the shortage in attendance in the subsequent semester (in the next year) besides earning the required percentage of attendance in that semester and appear for both semester papers together at the end of the later semester, on the payment of prescribed fees to the College, separately for theory and practicals.

d) A candidate who has secured less than 55% of attendance in any semester separately for theory and practicals, shall not be permitted to appear for the regular examinations in that particular semester or in subsequent semesters. He/she has to rejoin/ re-do the semester in which the attendance is less than 55%, on the payment of prescribed fees to the College, separately for theory and practicals, after getting prior approval of the College.

e) A candidate who has secured less than 65% of attendance in the final semester separately for theory and practicals, has to compensate his/her attendance shortage in a manner as decided by the concerned Head of the department, after getting prior approval of the College. The candidate shall be permitted to rejoin in the 4<sup>th</sup> semester, after completing his/her regular 2 year course.

## 7. Scheme of examination

- a) Any theory examination is conducted only for 3 hours irrespective of total marks allotted for the examinations.
- b) There shall be theory examinations at the end of each semester, for odd semesters in the month of October / November; for even semesters in April / May. However, there shall be practical examinations at the end of even semesters in general, with exceptions in a few courses as prescribed by the Boards of studies, concerned. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in October / November or April / May.
- c) All candidates admitted in first year, should get registered for the first semester examination, compulsorily. If registration is not possible owing to any reason including shortage of attendance beyond condonation limit, belated joining or on medical grounds, the candidates are permitted to rejoin the course in the next year.
- d) In case of project work there will be a Viva-Voce Examination: Each candidate shall be required to appear for Viva-Voce Examination.
- e) For the Project Report, the maximum marks will be 75 percent for report and for the Viva-Voce it is 25 percent.
- f) The results of all the examinations will be published through the college as well as through College Website.

### Question Paper Pattern

The following question paper patterns shall be followed for CBCS pattern syllabi for the candidates admitted from the academic year 2019-2020 wherever applicable otherwise provided in Syllabi itself.

<b>External Maximum 75 Marks – Wherever applicable (Ext. 75 + Int. 25 = Total 100)</b>			
<b>Part – A</b>	Answer ALL Questions (Objective Type - Two Questions from each unit)	10 x 1 = 10	10 question -2 from each unit
<b>Part - B</b>	Answer ALL Questions (One Question from each unit)	5 x 2 = 10	5 question -1 from each unit
<b>Part - C</b>	Answer ALL Questions (One Question from each unit with internal choice)	5 x 5 = 25	5 question -1 from each unit
<b>Part – D</b>	Answer Any Three out of Five Questions (One Question from each unit)	3 x 10 = 30	5 question -1 from each unit

## 8. Restrictions to appear for the examinations

Any candidate having arrear paper(s) shall have the option to appear in any arrear paper along with the regular semester papers, in theory as well as in practicals, as long as the transitory provision is applicable.

## 9. Medium of Instruction and examinations

The medium of instruction for the courses is English only. The candidate shall be permitted to write the Examinations only in English.

## 10. Submission of Record Note Books for practical examinations

Candidates appearing for practical examinations should submit bonafide Record Note Books prescribed for practical examinations, otherwise the candidates shall not be permitted to appear for the practical examinations.

## 11. Passing Minimum

- a) A candidate shall be declared to have passed the whole examination, if the candidate passes in all the theory papers and practicals wherever prescribed as per the scheme of examinations by earning minimum 90 credits in Core and Elective courses, including Practical.
- b) A candidate should get not less than 50% in the End Semester Examination, compulsorily, in all papers including practicals. Also the candidate who secures not less than 50% marks in the external as well as internal (CIA) examinations put together in all papers including practicals shall be declared to have successfully passed the examinations.

## 12. Distribution

The following are the distribution of marks for external and internal for End Semester Examination and continuous internal assessment and passing minimum marks for Theory / Practical / Project papers of PG programmes.

ESE	EA Total	Passing Minimum for EA	CIA Total	Passing Minimum for CIA	Total Marks Allotted	Passing Minimum (ESE)
Theory	75	38	25	12	100	50
Practical	60	30	40	20	100	50
Mini Project	--	--	100	50	100	50
Project	75	38	25	12	100	50

Note: ESE-End Semester Examination



The following are the Distribution of marks for the Continuous Internal Assessment in the theory papers of PG programmes.

### **THEORY**

#### EVALUATION OF INTERNAL ASSESSMENT

Test	: 10 Marks
Seminar	: 05 Marks
Assignment	: 05 Marks
Attendance	: 05 Marks
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Total	: 25 Marks
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The Passing minimum shall be 50% out of 25 marks (12 marks)

### **PRACTICAL**

#### EVALUATION OF INTERNAL ASSESSMENT

Test 1	: 15 Marks
Test 2	: 15 Marks
Record	: 10 Marks
	-----
Total	: 40 Marks
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The Passing minimum shall be 50% out of 40 marks (20 Marks)

### **PROJECT:**

#### EVALUATION OF INTERNAL ASSESSMENT

Review 1	: 10 Marks
Review 2	: 10 Marks
Review 3	: 10 Marks
Pre-Viva	: 10 Marks
	-----
Total	: 40 Marks
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The Passing minimum shall be 50% out of 40 marks (20 marks)

## **13. Grading**

Once the marks of the CIA and End Semester Examinations for each of the course are available, they shall be added. The mark thus obtained shall then be converted to the relevant letter grade, grade point as per the details given below:

**Conversion of Marks to Grade Points and Letter Grade (Performance in a Course/Paper)**

Seven Point Grade system			
Range of marks	Grade Points	Letter Grade	Description
90-100	9.0-10.0	O	Outstanding
80-89	8.0-8.9	D+	Excellent
75-79	7.5-7.9	D	Distinction
70-74	7.0-7.4	A+	Very Good
60-69	6.0-6.9	A	Good
50-59	5.0-5.9	B	Average
00-49	0.0	U	RE-appear
Absent	0.0	AAA	Absent

$C_i$  = Credits earned for course  $i$  in any semester

$G_i$  = Grade Point obtained for course  $i$  in any semester

$n$  = refers to the semester in which such course were credited

**Grade point average (for a Semester):**

$$\text{GPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the courses}}{\text{Sum of the credits of the courses in a semester}}$$

$$\text{GRADE POINT AVERAGE [GPA]} = \frac{\sum_i C_i G_i}{\sum_i C_i}$$

**For the entire programme:**

$$\text{CUMULATIVE GRADE POINT AVERAGE [CGPA]} = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$$

$$\text{CGPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the entire programme}}{\text{Sum of the credits of the courses of the entire programme}}$$

CGPA	GRADE
9.5-10.0	O+
9.0 and above but below 9.5	O
8.5 and above but below 9.0	D++
8.0 and above but below 8.5	D+
7.5 and above but below 8.0	D
7.0 and above but below 7.5	A++
6.5 and above but below 7.0	A+
6.0 and above but below 6.5	A
5.5 and above but below 6.0	B+
5.0 and above but below 5.5	B
4.5 and above but below 5.0	C+
4.0 and above but below 4.5	C
0.0 and above but below 4.0	U

#### 14. Classification of Successful candidates

A candidate who passes all the examinations including practicals securing following CGPA and Grades shall be declared as follows:

CGPA	GRADE	CLASSIFICATION OF FINAL RESULT
9.5-10.0	O+	First Class With Exemplary*
9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	First Class With Distinction*
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5 and above but below 7.0	A+	
6.0 and above but below 6.5	A	
5.5 and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	
4.5 and above but below 5.0	C+	Third Class
4.0 and above but below 4.5	C	
0.0 and above but below 4.0	U	Re-appear

\*The candidates who have passed in the first appearance and within the prescribed semester of the UG Programme (Major, Allied and Elective Courses Alone, are eligible.

## 15. Conferment of the Degree:

No candidate shall be eligible for conferment of the Degree unless the candidate;

- i. has undergone the prescribed course of study for a period of not less than four semesters in an institution approved by/affiliated to the University or has been exempted from in the manner prescribed and has passed the examinations as have been prescribed thereto.
- ii. has completed all the components prescribed under core and elective subjects in the CBCS pattern to earn minimum 90 credits as prescribed by the Board of Studies.
- iii. has successfully completed the prescribed Field Work etc., as evidenced by certificate issued by the Principal of the College.

## 16. Ranking

A candidate who qualifies for the PG degree course passing all the examinations in the first attempt, within the minimum period prescribed for the course of study from the date of admission to the course and secures I or II class shall be eligible for ranking and such ranking shall be confined to 10% of the total number of candidates qualified in that particular branch of study, subject to a maximum of 10 ranks.

## 17. Grievance Redressed Committee

The College shall form a Grievance Redressed Committee for each course in each department with the Course Teachers as the members and the HOD as the convener. This Committee shall solve all grievances relating to the Internal Assessment marks of the students.

## 18. Syllabus

The syllabus for various courses shall be clearly demarcated into five viable units in each paper/subject.

## 19. Revision of Regulations and Curriculum

The above Regulation and Scheme of Examinations will be in vogue without any change for a minimum period of three years from the date of approval of the Regulations. The College may revise /amend/ change the Regulations and Scheme of Examinations, if found necessary.

## 20. Transitory Provision

Candidates who have undergone the Course of Study prior to the Academic Year 2019-2020 will be permitted to take the Examinations under those Regulations for a period of two years i.e. upto and inclusive of the Examination of April 2021 thereafter they will be permitted to take the Examination only under the Regulations in force at that time.

## 21. Legal Jurisdiction

Any issues arises due to above, are having the jurisdiction of Namakkal, and the High Court, Chennai only.

### ELIGIBILITY FOR ADMISSION TO THE FOLLOWING COURSES

#### 1. M.A.TAMIL

பெரியார் பல்கலைக்கழகத்தில் தமிழ்க் கலையியல் இளையர் (B.A. Branch XII Tamil) இலக்கியவியல் இளையர் (B.Lit.) பட்டம் பெற்றவர்களும் கலையியல் இளையர் (M.A.), அறிவியல் இளையர் (B.Sc.), பட்டப்படிப்புகளில் B.Sc பகுதி-1ல் தமிழ் பயின்று தேர்ச்சி பெற்றவர்களும், பெரியார் பல்கலைக்கழக ஆட்சிக்குழுவால் ஏற்கப்பட்ட பிற பல்கலைக்கழகங்களில் மேற்குறிப்பிடப்பட்ட பட்டங்களுக்கு இணையான பட்டம் பெற்றவர்களும் பாரதிதாசன் பல்கலைக்கழகத்தின் புலவர் பட்டயப்படிப்பில் (Diploma in Tamil Pulavar) தேர்ச்சி பெற்றவர்களும் தெரிவுசார் பாடமுறையில் (CBCS) அமைந்த தமிழ் முதுகலையில் (M.A.) சேர்த்தகுதி உடையவர்கள்., தமிழ்க் கலையியல் இளையர் (B.A. Branch XII Tamil) இலக்கியவியல் இளையர் (B.Lit.), பட்டம் பெற்றவர்களுக்குச் சேர்க்கையில் முன்னுரிமை வழங்கப் பெறும். பிற கலையியல் இளையர் பட்டங்களையும் (B.A., B.Com.) அறிவியல் இளையர் பட்டங்களையும் (B.Sc.பகுதி-1) பெற்றவர்கள் தமிழில் ஐம்பது விழுக்காட்டிற்குக் குறையாமல் மதிப்பெண்கள் பெற்றிருத்தல் அவசியம்.

#### 2. M.A. ENGLISH

Any candidate who has passed B.A., English or any other Bachelor's Degree examinations of any University recognized by the Academic Council as equivalent thereto shall be permitted to appear and qualify for M.A. English (2 Year course). Preference will be given to students of B.A., English. Candidates with a Bachelor's Degree in other disciplines must possess a minimum of 50% in Part II English. Candidates should have obtained a minimum of 40% in UG degree examinations.

#### 3. MASTER OF SOCIAL WORK

A candidate who has passed the Bachelor Degree Examination of any University or a Bachelor Degree Examination of any other University (including professional courses like engineering, law, medicine, nursing and fine arts) accepted as equivalent thereto by the Academic Council shall be eligible to appear and qualify for the M.S.W. Degree.

#### **4. M.Sc. MATHEMATICS**

A candidate who has passed in B.Sc. Mathematics or B.Sc. Mathematics C.A. of any University with 55% marks.

#### **5. M.Sc. PHYSICS**

A candidate who has passed in B.Sc. (Physics) of any University with 55% of marks.

#### **6. M.Sc. CHEMISTRY**

M.Sc. Degree in Chemistry with specialization in Organic, Inorganic and Physical Chemistry. A candidate who has passed the B.Sc. Degree examination with Branch IV Chemistry as main subject of study of any University or any of the B.Sc. Degree examination with specialization such as Industrial Chemistry, Polymer Chemistry, Applied Chemistry, Pharmaceutical Chemistry or any other specialization in Chemistry of some other University accepted by the Academic Council as equivalent thereto, subject to such condition as may be prescribed thereto shall be permitted to appear and qualify for the M.Sc. Degree.

#### **7. M.Sc. BIOTECHNOLOGY**

A candidate who has passed the B.Sc. Degree Examination in any Life Science Subject in recognized University accepted by the College Academic Council as equivalent thereto shall be eligible for admission to M.Sc. Degree Course in Biotechnology.

#### **8. M.Sc. COMPUTER SCIENCE**

A Candidates who have qualified for their Bachelor's Degree in Computer Science/Computer Technology/ Software Engineering/Software Science/ BCA under the 10+2+3 system of any University or equivalent Degree.

#### **9. MASTER OF COMMERCE**

- a) A Candidates who have passed either B.Com or B.Com (CA).
- b) Any Degree with Financial Accounting and Cost Accounting / Management Accounting each with a prescribed maximum of 100 marks.

#### **10. M.Com.CA.**

- a) A Candidates who have passed either B.Com or B.Com (CA).
- b) Any Degree with Financial Accounting and Cost Accounting / Management Accounting each with a prescribed maximum of 100 marks.

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