THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University

Re-accredited by NAAC With B+ Grade

Fourth Cycle
NAAC Accreditation 2024

Criterion 1
Curricular Aspects

DVV Clarifications

1.3 - Academic Flexibility

Metric No. 1.3.2

Percentage of students undertaking project work/field work/ internships

Syllabus and Affiliated University Regulations - Highlighting Project work/Internship/Field Work

Submitted to

National Assessment and Accreditation Council

Contents

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1 Mahatma Gandhi University UG Regulations- 2017 Onwards

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MAHATMA GANDHI UNIVERSITY, KOTTAYAM

REGULATIONS FOR UNDER GRADUATE PROGRAMMES UNDER CHOICE BASED CREDIT SYSTEM 2017

Preamble

Mahatma Gandhi University introduced Choice Based Credit and Semester and Grading System in colleges affiliated to the University from the Academic Year 2009-10, under **Direct Grading System**. Subsequently, the Kerala State Higher Education Council constituted a committee of experts headed by Prof. B Hridayakumari, to study and make recommendations for the improvement of the working of the Choice Based Credit and Semester System in colleges affiliated to the Universities in the State. The State Government accepted the recommendations of the Committee and the Syndicate and the Academic Council of the Mahatma Gandhi University has resolved to reform the existing CBCSS regulations. Accordingly Regulations for Under Graduate Programmes under Choice Based Course-Credit-Semester System and Grading, 2013,was introduced in the University from the Academic year 2013-14 onwards, under Indirect Grading System. The University Grants Commission, in order to facilitate student mobility across institutions within and across the states insisted to introduce uniform grading system in the Universities. On the basis of the UGC directives, various Board of Studies / Expert committees framed draft Regulations and syllabi for various UG Programmes to be made effective from 2016-17 academic year onwards. The Academic Council held on 18th July 2016 resolved to postpone the implementation of the regulations and syllabi for UG Programmes and to implement from 2017-2018 academic year after detailed discussions with the experts and other stake holders. On the basis of the suggestions put forth by the joint meeting of Faculties and also based on the discussions and suggestions in the workshops conducted for the purpose, Chairpersons of various faculties submitted modified draft Regulations, Scheme and Syllabi and text books for various undergraduate Programmes and the Standing committee of the Academic Council at its meeting held on 5th May 2017 resolved to recommend to the Academic council to approve the modified Regulations, Scheme and Syllabi and text books for various undergraduate programmes. Hence it becomes necessary to issue modified Regulations as follows.

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1. **TITLE**

1.1. These regulations shall be called "**MAHATMA GANDHI UNIVERSITY REGULATIONS FOR UNDER GRADUATE PROGRAMMES UNDER CHOICE BASED CREDIT SYSTEM 2017**"

2. **SCOPE**

2.1 Applicable to all regular Under Graduate Programmes conducted by the University with effect from 2017 admissions, except for Professional and B.Voc. Programmes. Also applicable to Distance/Private Undergraduate Programmes with suitable modifications. Under Graduate Programmes in Management Studies are included as non-professional programmes.

2.2 Examinations of the courses being run under the Distance/Private registration scheme shall be conducted annually.

2.3 Medium of instruction is English except in the case of language courses other than English unless otherwise stated therein.

2.4 The provisions supersede all the existing regulations for the Regular/Distance/ Private Undergraduate programmes to the extent herein prescribed.

3. **DEFINITIONS**

3.1. *'Academic Week'* is a unit of five working days in which the distribution of work is organized from day one to day five, with five contact hours of one hour duration on each day.

3.2. **'Choice Based Course'** means a course that enables the students to familiarize the advanced areas of core course.

3.3. *'College Coordinator'* is a teacher nominated by the College Council to co-ordinate the continuous evaluation undertaken by various departments within the college. He/she shall be nominated to the college level monitoring committee.

3.4. *'Common Course I'* means a course that comes under the category of courses for English.

3.5 *'Common Course II'* means additional language.

3.6. *'Complementary Course'* means a course which would enrich the study of core courses.

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3.7. *'Core course'* means a course in the subject of specialization within a degree programme. It includes a course on environmental studies and human rights.

3.8. *'Course'* means a portion of a subject to be taught and evaluated in a semester (similar to a paper under annual scheme).

3.9. *'Credit'* is the numerical value assigned to a paper according to the relative importance of the syllabus of the programme**.**

3.10. *'Department'* means any teaching department in a college.

3.11. *'Department Coordinator'* is a teacher nominated by a Department Council to co-ordinate the continuous evaluation undertaken in that department.

3.12. *'Department Council'* means the body of all teachers of a department in a college.

3.13. *'Faculty Advisor'* means a teacher from the parent department nominated by the Department Council, who will advise the student on academic matters.

3.14. *Grace Marks* shall be awarded to candidates as per the University Orders issued from time to time**.**

3.15. *'Grade'* means a letter symbol (A, B, C, etc.), which indicates the broad level of performance of a student in a Paper/Course/ Semester/Programme.

3.16. *'Grade Point'* (GP) is the numerical indicator of the percentage of marks awarded to a student in a course.

3.17. *'Institutional Average (IA)'* means average mark secured (Internal + external) for a course at the college level.

3.18. *'Open Course'* means an optional course which the student is free to take at his/her will. Open course shall be a non-major elective course offered by the Departments other than the parent Department.

3.19. *'Parent Department'* means the department which offers core course/courses within an undergraduate programme.

3.20. *'Programme'* means a three year programme of study and examinations spread over six semesters, the successful completion of which would lead to the award of a degree.

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3.21.   *'Semester'* means a term consisting of a minimum **90** working days, inclusive of tutorials, examination days and other academic activities within a period of six months**.**

3.22.   *'University Average (UA)'* means average mark secured (Internal + external) for a course at the University level.

3.23.   *'Vocational Course'* (**Skill Enhancement Course**) means a course that enables the students to enhance their practical skills and ability to pursue a vocation in their subject of specialization.

3.24.   Words and expressions used and not defined in this regulation shall have the same meaning assigned to them in the Act and Statutes of the University.

4.   ELIGIBILITY FOR ADMISSION AND RESERVATION OF SEATS

4.1   Eligibility for admissions and reservation of seats for various Undergraduate Programmes shall be according to the rules framed by the University in this regard, from time to time.

5.   DURATION

5.1   The duration of U.G. programmes shall be *6 semesters*.

5.2   There shall be two Semesters in an academic year, the "ODD" semester commences in June and on completion, the "EVEN" Semester commences. There shall be two months vacation during April/May.

5.3   No student shall be allowed to complete the programme by attending more than 12 continuous semesters.

6.   REGISTRATION

6.1.   The strength of students for each programme shall be as per the existing orders, as approved by the University.

6.2.   The college shall send a list of students registered for each programme in each semester giving the details of courses registered including repeat/re-appearance courses to the University in the prescribed form within **45** days from the commencement of the Semester.

6.3.   Those students who possess the required minimum attendance during a semester and could not register for the semester examination are permitted to   apply for Notional

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Registration to the examinations concerned enabling them to get promoted to the next class.

7. SCHEME AND SYLLABUS

7.1. The U.G. programmes shall include **(a)** Common Courses I and II, **(b)** Core Course(s), **(c)** Complementary/Vocational Courses, and **(d)** Open Course.

7.2. There shall be one Choice Based course (Elective Course) in the sixth semester. In the case of B.Com Programme there shall be an elective stream from third semester onwards.

7.3. Credit Transfer and Accumulation system can be adopted in the programme. Transfer of Credit consists of acknowledging, recognizing and accepting credits by an institution for programmes or courses completed at another institution. The Credit Transfer Scheme shall allow students pursuing a programme in one University to continue their education in another University without break.

7.4. A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% are required for a pass for a course. For a pass in a programme, a separate minimum of **Grade D** is required for all the individual courses. If a candidate secures **F Grade** for any one of the courses offered in a Semester/Programme, **only F grade** will be awarded for that Semester/Programme until he/she improves this to **D Grade** or above within the permitted period. (See Clause 5.3)

7.5. Students who complete the programme with "D" grade in the Mahatma Gandhi University "Regulations for Under Graduate Programmes under Choice Based Credit System 2017"will have one betterment chance within 12 months, immediately after the publication of the result of the whole programme.

7.6. Students discontinued from previous regulations CBCSS 2013, can pursue their studies in the Mahatma Gandhi University "Regulations for Under Graduate Programmes under Choice Based Credit System 2017"after obtaining readmission. These students have to complete the programme as per the Mahatma Gandhi University "Regulations for Under Graduate Programmes under Choice Based Credit System 2017".

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7.7.   The practical examinations (external/internal) will be conducted only at the end of even semesters for all programmes. Special sanction shall be given for those programmes which need to conduct practical examinations at the end of odd semesters.

8.   PROGRAMME STRUCTURE

Model I BA/B.Sc.

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	22
d	Credits required from Common Course II	16
e	Credits required from Core course and Complementary courses including Project	79
f	Open Course	3
g	Minimum attendance required	75%

Model I/II B.Com

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	14
d	Credits required from Common Course II	8
e	Credits required from Core and Complementary/Vocational courses including Project	95
f	Open Course	3

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g	Minimum attendance required	75%

Model II BA/B.Sc.

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	16
d	Credits required from Common Course II	8
e	Credits required from Core + Complementary + Vocational Courses including Project	93
f	Open Course	3
g	Minimum attendance required	75%

Model III BA/B.Sc./B.Com

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	8
d	Credits required from Core + Complementary + Vocational Courses including Project	109
e	Open Course	3
f	Minimum attendance required	75%

9.   EXAMINATIONS

9.1   The evaluation of each paper shall contain two parts:

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(i)   Internal or In-Semester Assessment (ISA)

(ii)   External or End-Semester Assessment (ESA)

9.2.   The internal to external assessment ratio shall be 1:4.

Both internal and external marks are to be rounded to the next integer.

All papers (theory & practical), grades are given **on a 7-point scale** based on the total percentage of marks, *(ISA+ESA)* as given below:-

Percentage of Marks	Grade	Grade Point
95 and above	S Outstanding	10
85 to below 95	A^+ Excellent	9
75 to below 85	A Very Good	8
65 to below 75	B^+ Good	7
55 to below 65	B Above Average	6
45 to below 55	C Satisfactory	5
35 to below 45	D Pass	4
Below 35	F Failure	0
	Ab Absent	0

10.   CREDIT POINT AND CREDIT POINT AVERAGE

Credit Point (CP) of a paper is calculated using the formula:-

CP = C × GP, where C is the Credit and GP is the Grade point

Semester Grade Point Average (SGPA) of a Semester is calculated using the formula:-

SGPA = TCP/TC, where TCP is the Total Credit Point of that semester.

Cumulative Grade Point Average (CGPA) is calculated using the formula:-

CGPA = TCP/TC, where TCP is the Total Credit Point of that programme.

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Grade Point Average (GPA) of different category of courses viz. Common Course I, Common Course II, Complementary Course I, Complementary Course II, Vocational course, Core Course is calculated using the formula:-

GPA = TCP/TC, where TCP is the Total Credit Point of a category of course.

TC is the total credit of that category of course

Grades for the different courses, semesters and overall programme are given based on the corresponding CPA as shown below:

GPA	Grade
9.5 and above	**S Outstanding**
8.5 to below 9.5	**A+ Excellent**
7.5 to below 8.5	**A Very Good**
6.5 to below 7.5	**B+ Good**
5.5 to below 6.5	**B Above Average**
4.5 to below 5.5	**C Satisfactory**
3.5 to below 4.5	**D Pass**
Below 3.5	**F Failure**

11.   MARKS DISTRIBUTION FOR EXTERNAL AND INTERNA EVALUATIONS

The external theory examination of all semesters shall be conducted by the University at the end of each semester. Internal evaluation is to be done by continuous assessment. For all courses without practical total marks of external examination is 80 and total marks of internal evaluation is 20. Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

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11.1 **For all courses without practical**

    a)   **Marks of external Examination**   :   **80**

    b)   **Marks of internal evaluation**   :   **20**

Components of Internal Evaluation of theory	Marks
Attendance	**5**
Assignment /Seminar/Viva	**5**
Test papers (2x5=10)	**10**
Total	**20**

11.2 For all courses with practical total marks for external evaluation is 60 and total marks for internal evaluation is 15.

For all courses with practical

    a)   **Marks of external Examination**   :   **60**

    b)   **Marks of internal evaluation**   :   **15**

Components of Internal Evaluation	Marks
Attendance	**5**
Assignment /Seminar/Viva	**2**
Test papers (2 x 4)	**8**
Total	**15**

    (c)   **For practical examinations total marks for external evaluation is 40 for internal evaluation is 10**

Components Internal evaluation of Practical	Marks
Attendance	2
Test paper (1 x 4)	4

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Record*	4
Total	**10**

*Marks awarded for Record should be related to number of experiments recorded and duly signed by the teacher concerned in charge.

All three components of internal assessments are mandatory.

11.3   For projects

a)   Marks of external evaluation   :   80

b)   Marks of internal evaluation   :   20

c)

Components of External Evaluation of Project	Marks
Dissertation (External)	50
Viva-Voce (External)	30
Total	**80**

*Marks for dissertation may include study tour report if proposed in the syllabus.

Components of internal Evaluation of Project	Marks
Punctuality	5
Experimentation/data collection	5
Knowledge	5
Report	5
Total	**20**

Attendance Evaluation for all papers

% of attendance	Marks
90 and above	5
85 – 89	4
80-84	3
76-79	2

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75	1

(Decimals are to be rounded to the next higher whole number)

13.   ASSIGNMENTS

Assignments are to be done from 1st to 4th Semesters. At least one assignment should be done in each semester for all courses.

14.   SEMINAR/VIVA

A student shall present a seminar in the 5th semester for each paper and appear for Viva-voce in the 6th semester for each course.

15.   INTERNAL ASSESSMENT TEST PAPERS

Two test papers are to be conducted in each semester for each course. The evaluations of all components are to be published and are to be acknowledged by the candidates. All documents of internal assessments are to be kept in the college for one year and shall be made available for verification by the University. The responsibility of evaluating the internal assessment is vested on the teacher(s), who teach the course.

15.1   Grievance Redressal Mechanism

Internal assessment shall not be used as a tool for   personal   or   other   type   of vengeance. A student has all rights to know, how the teacher arrived at the marks. In order to address the grievance of students, a three-level Grievance Redressal mechanism is envisaged. A student can approach the upper level only if grievance is not addressed at the lower level.

Level 1: Department Level:

The Department cell chaired by the HOD, Department Coordinator, Faculty Advisor and Teacher in-charge as members.

Level 2: **College level**

A committee with the Principal   as   Chairman,   College   Coordinator,   HOD   of concerned Department and Department Coordinator as members.

Level 3: **University Level**

A Committee constituted by the Vice-Chancellor as Chairman, Pro-Vice-Chancellor, Convener - Syndicate Standing Committee on Students Discipline and Welfare, Chairman- Board of Examinations as members and the Controller of Examination as member-secretary.

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15.2 The College Council shall nominate a Senior Teacher as coordinator of internal evaluations. This coordinator shall make arrangements for giving awareness of the internal evaluation components to students immediately after commencement of I semester

15.3 The internal evaluation marks/grades in the prescribed format should reach the University before the 4th week of October and March in every academic year.

16. External Examination

The external theory examination of all semesters shall be conducted by the University at the end of each semester.

16.1 Students having a minimum of 75% average attendance for all the courses only can register for the examination. Condonation of shortage of attendance to a maximum of 10 days in a semester subject to a maximum of 2 times during the whole period of the programme may be granted by the University on valid grounds. This condonation shall not be counted for internal assessment. Benefit of attendance may be granted to students attending University/College union/Co-curricular activities by treating them as present for the days of absence, on production of participation/attendance certificates, within one week, from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also. Those students who are not eligible even with condonation of shortage of attendance shall repeat the **semester** along with the next batch after obtaining readmission.

16.2 All students are to do a **project in the area of core course.** This project can be done individually or in groups(not more than five students) for all subjects which may be carried out in or outside the campus. Special sanction shall be obtained from the Vice-Chancellor to those **new generation programmes** and programmes on **performing arts** where students have to take projects which involve larger groups. The projects are to be identified during the II semester of the programme with the help of the supervising teacher. The report of the project in duplicate is to be submitted to the department at the sixth semester and are to be produced before the examiners appointed by the University. External Project evaluation and Viva / Presentation is compulsory for all subjects and will be conducted at the end of the programme.

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16.3   There shall be supplementary exams only for fifth semester. Notionally registered candidates can also apply for the said supplementary examinations. For reappearance/ improvement for other semesters the students can appear along   with   the   next batch.

16.4   A student who registers his/her name for the external exam for a semester will be eligible for promotion to the next semester.

16.5   A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally, for getting eligibility for promotion to the next semester.

16.6   A candidate who has not secured minimum marks/credits in internal examinations can re-do the same registering along with the University examination for the same semester, subsequently. There shall be no improvement for internal evaluation.

17.   All courses shall have unique alphanumeric code. Each teacher working in affiliated institutions shall have a unique identification code and this code is to be noted with the valuation, invigilation and all other examination duties.

18.   **PATTERN OF QUESTIONS**

Questions shall be set to assess knowledge acquired, standard and application of knowledge, application of knowledge in new situations, critical evaluation of knowledge and the ability to synthesize knowledge. The question setter shall ensure that questions covering all skills are set. She/he shall also submit a detailed scheme of evaluation along with the question paper. A question paper shall be a judicious mix of short answer type, short essay type /problem solving type and long essay type questions.

19.   **RANK CERTIFICATE**

The University publishes rank list of top 10 candidates for each programme after the publication of 6th semester results. Rank certificate shall be issued to candidates who secure positions from 1st to 3rd in the rank list. Candidates who secure positions from fourth to tenth in the rank list shall be issued position certificate indicating their position in the rank list.

Candidates shall be ranked in the order of merit based on the CGPA scored by them. Grace marks awarded to the students should not be counted fixing the rank/position. Rank certificate and position certificate shall be signed by the Controller of Examinations.

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Pattern of questions Papers

(a)   Without practical

Sl. No.	Pattern	Marks	Choice of questions	Total marks
1	**Short Answer/problem type**	**2**	**10/12**	**20**
2	**Short essay/problem**	**5**	**6/9**	**30**
3	**Essay/problem**	**15**	**2/4**	**30**
			Total	**80**

(b)   With practical

Sl. No.	Pattern	Marks	Choice of questions	Total marks
1	**Short Answer/problem type**	**1**	**10/12**	**20**
2	**Short essay/problem**	**5**	**6/9**	**30**
3	**Essay/problem**	**10**	**2/4**	**20**
			Total	**60**

Each BOS shall specify the length of the answers in terms of number of words. Pattern of questions for external examination of practical papers will decided by the concerned Board of Studies/Expert Committees.

19.   MARK CUM GRADE CARD

The University under its seal shall issue to the students a MARK CUM GRADE CARD on completion of each programme, which shall contain the following information:

(a)   Name of the University

(b)   Name of the College

(c)   Title & Model of the Undergraduate Programme

(d)   Name of the Semester

(e)   Name and Register Number of the student

(f)   Date of publication of result

(g)   Code, Title, Credits and Maximum Marks (Internal, External & Total) of each course opted in the semester.

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(h)   Internal, External and Total Marks awarded, Grade, Grade point and Credit point in each course opted in the semester.

(i)   The total credits and total credit points in the semester.

(i)   Semester Grade Point Average (SGPA) and corresponding Grade.

(k)   Cumulative Grade Point Average (CGPA), GPA corresponding to Common Courses I and II, Core Course, Complementary Courses, Vocational Courses and Open Course.

(l)   The final Mark cum Grade Card issued at the end of the final semester shall contain the details of all courses taken during the final semester examination and shall include the final Grade(SGPA) scored by the candidate from **1st to 5th** semesters, and the overall Grade for the total programme.

20.   There shall **be 3 level monitoring** committees for the successful conduct of the scheme. They are -

1.   Department Level Monitoring Committee (DLMC), comprising HOD and two senior-most teachers as members.

2.   College Level Monitoring Committee (CLMC), comprising Principal, College Council secretary and A.O/Superintendent as members.

3.   University Level Monitoring Committee (ULMC), headed by the Vice-Chancellor, Pro-Vice-Chancellor, Conveners of Syndicate Standing Committee on Examination, Academic Affairs and Registrar as members and the Controller of Examinations as member-secretary.

21.   **TRANSITORY PROVISION**

Notwithstanding anything contained in these regulations, the Vice-Chancellor shall, for a period of one year from the date of coming into force of these regulations, have the power to provide by order that these regulations shall be applied to any programme with such modifications as may be necessary.

22.   The Vice Chancellor is authorized to make necessary criteria for eligibility for higher education in the grading scheme, if necessary, in consultation with other Universities. The Vice Chancellor is also authorized to issue orders for the perfect realization of the Regulations.

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Annexure I – Model Mark cum Grace Card

Mahatma Gandhi University

Section: Priyadarshni Hills P.O.

Student ID: Kottayam

                                      Date:

MARK CUM GRADE CARD

Name of candidate   :

Name of College   :

Permanent Register Number (PRN)   :   Degree:

Name of the Programme   :

Name of Examination   :   First Semester Examination Month and Year

Date of publication of result   :

Course Code	Course Title	Credit (C)	Marks						Percentage of total marks	Grade awarded (G)	Grade point (GP	Credit point (Cx GP)	Result
			External		Internal		Total						
			Awarded (E)	Maximum	Awarded (I)	Maximum	Awarded (E + I)	Maximum					
	Common Course I												
	Common Course II												
	Core Course												
	Complementary Course I												
	Complementary Course II/ Vocational Course												
	Total												
	Total credit points (TCP)												
	Total credit (TC)												
	SGPA:												
	Grade:												

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Annexure II – Model Mark cum Grace Card (VI Semester)

Mahatma Gandhi University

Section: Priyadarshni Hills P.O.

Student ID: Kottayam

                                                                     Date:

MARK CUM GRADE CARD

Name of candidate   :

Name of College   :

Permanent Register Number (PRN) :   Degree:

Name of the Programme   :

Name of Examination   :   First Semester Examination Month and Year

Date of publication of result   :

Course Code	Course Title	Credit (C)	Marks						Percentage of total marks	Grade awarded (G)	Grade point (GP	Credit point (Cx GP)	Result
			External		Internal		Total						
			Awarded (E)	Maximum	Awarded (I)	Maximum	Awarded (E + I)	Maximum					
	Core 9												
	Core 10												
	Core 11												
	Core 12												
	Choice Based Course												
	Project												
	SGPA												
	Grade												

		Credit	GPA	Grade	Month & Year	Result
	Semester I					
	Semester II					
	Semester III					
	Semester IV					
	Semester V					
	Semester VI					
	Common Course I					
	Common Course II					
	Complementary Course I					
	Complementary Course II					
	Core Course					
	Open Course					
	Overall programme CGPA:					

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Annexure III

Reverse side of the Mark cum Grade Card (COMMON TO ALL SEMESTERS)

Description of the Evaluation Process

Grade and Grade Point

The Evaluation of each Course comprises of Internal and External Components in the ratio 1:4 for all Courses.

Grades and Grade Points are given on a 7-point Scale based on the percentage of Total Marks (Internal + External) as given in Table 1.

(Decimals are to be rounded to the next whole number)

Credit point and Credit point average Grades for the different Semesters and overall

Programme are given based on the corresponding CPA, as shown in

Table 1

% of marks	Grade	GP
Equal to 95 and above	S Outstanding	10
Equal to 85 and < 95	A^+ Excellent	9
Equal to 75 and < 85	A Very Good	8
Equal to 65 and < 75	B+ Good	7
Equal to 55 and < 65	B Above Average	6
Equal to 45 and < 55	C Satisfactory	5
Equal to 35 and < 45	D Pass	4
Below 35	F Failure	
	Ab Absent	

Credit point **(CP)** of a paper is calculated using the formula CP = C x GP,

where C is the Credit; GP is the Grade Point

Grade Point Average (GPA) of a Course/ Semester or Programme (cumulative) etc. is

calculated using the formula **GPA = $\dfrac{TCP}{TC}$**

where TCP is the Total Credit Point; TC is the Total Credit

CPA	
Equal to 9.5 and above	**S Outstanding**
Equal to 8.5 and < 9.5	**A+ Excellent**
Equal to 7.5 and < 8.5	**A Very Good**
Equal to 6.5 and < 7.5	**B+ Good**
Equal to 5.5 and < 6.5	**B Above Average**

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Equal to4.5 and < 5.5	C	Satisfactory
Equal to 3.5 and < 4.5	D	Pass
Below 3.5	F	Failure

Note: A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% are required for a pass for a paper. For a pass in a programme, a separate minimum of **Grade D** is required for all the individual papers. If a candidate secures **F Grade** for any one of the paper offered in a Semester/Programme **only F grade** will be awarded for that Semester/Programme until he/she improves this to **D GRADE** or above within the permitted period.

___

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2   BSc Zoology - Syllabus

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MODEL-1 (1-VI SEMESTERS)
(TOTAL CREDITS 120)
(TOTAL HOURS 150 Hrs.)

Semester 1

No	Course Code	Course Title	Course Category	Hrs per week	Credits	Marks ratio	
						Intl	Extl
1		English - 1	Common Course I	5	4	1	4
2		English - 2	Common Course II	4	3	1	4
3		Second Language – 1	Common Course III	4	4	1	4
4	ZY1CRT01	General perspectives in Science & Protistan Diversity	Core Course I : Theory	2	2	1	4
5		Practical : General perspectives in Science & Protistan Diversity	Core Course I : Practical	2	0	0	0
6		Chemistry 1/ Biochemistry 1	Complementary Course I : Theory	2	2	1	4
7		Chemistry 1	Complementary Course I : Practical	2	0	0	0
8		Botany 1	Complementary Course II : Theory	2	2	1	4
9		Botany 1	Complementary Course II : Practical	2	0	0	0
Total				25 hrs	17		

Semester 2

No	Course Code	Course Title	Course Category	Hrs per week	Credits	Marks ratio	
						Intl	Extl
1		English 3	Common Course	5	4	1	4

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			IV				
2		English 4	Common Course V	4	3	1	4
3		Second Language -2	Common Course VI	4	4	1	4
4	ZY2CRT02	Animal Diversity- Non Chordata	Core Course II : Theory	2	2	1	4
5	ZY2CRP01	Animal Diversity – Non Chordata	Core Course II : Practical	2	2	1	4
6		Chemistry – II / Biochemistry - II	Complementary Course I : Theory	2	2	1	4
7		Chemistry – II / Biochemistry - II	Complementary Course I : Practical	2	2	1	4
8		Botany – II	Complementary Course II : Theory	2	2	1	4
9		Botany – II	Complementary Course II : Practical	2	2	1	4
Total				25 hrs	23		

Semester 3

No	Course Code	Course Title	Course Category	Hrs per week	Credits	Marks ratio	
						Intl	Extl
1		English 5	Common Course VII	5	4	1	4
2		Second Language 3	Common Course VIII	5	4	1	4
3	ZY3CRT03	Animal Diversity - Chordata	Core Course III : Theory	3	3	1	4
4	ZY3CRPO3	Animal Diversity- Chordata	Core Course III : Practical	2	0	0	0
5		Chemistry – III / Biochemistry - III	Complementary Course I : Theory	3	3	1	4
6		Chemistry – III / Biochemistry - III	Complementary Course I : Practical	2	0	0	0

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Semester 5

No	Course Code	Course Title	Course Category	Hrs per week	Credits	Marks ratio Intl	Marks ratio Extl
1	ZY5CRT05	Environmental Biology & Human rights	Core Course V : Theory	3	3	1	4
2	ZY5CRPO5	Environmental Biology & Human rights	Core Course V : Practical	2	0	0	0
3	ZY5CRT06	Cell Biology & Genetics	Core Course VI : Theory	3	3	1	4
4	ZY5CRPO6	Cell Biology & Genetics	Core Course VI : Practical	2	0	0	0
5	ZY5CRT07	Evolution, Ethology & Zoogeography	Core Course VII : Theory	3	3	1	4
6	ZY5CRPO7	Evolution, Ethology & Zoogeography	Core Course VII : Practical	2	0	0	0
7	ZY5CRT08	Human Physiology, Biochemistry & Endocrinology	Core Course VIII : Theory	3	3	1	4
8	ZY5CRPO8	Human Physiology, Biochemistry & Endocrinology	Core Course VIII : Practical	2	0	0	0
9	ZY5OPT01	1 – Vocational Zoology (Apiculture, Vermiculture, Ornamental fish culture)	Open Courses for other streams (Select any one out of three)	4	3	1	4
	ZY5OPT02	2 – Public health and Nutrition					
	ZY5OPT03	3 – Man, nature & Sustainable Development					
10	ZY6CRPRP	Project work (Credit 2 will be given in 6th semester with investigatory project).	Project	1	0		
		Total		25 hrs	15		

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Semester 6

No	Course Code	Course Title	Course Category	Hrs per week	Credits	Marks ratio Intl	Marks ratio Extl
1	ZY6CRT09	Developmental Biology	Core Course IX : Theory	3	3	1	4
2	ZY6CRP09	Developmental Biology	Core Course IX : Practical	2	2	1	4
3	ZY6CRT10	Microbiology & Immunology	Core Course X : Theory	3	3	1	4
4	ZY6CRP10	Microbiology & Immunology	Core Course X : Practical	2	2	1	4
5	ZY6CRT11	Biotechnology, Bioinformatics and Molecular Biology	Core Course XI : Theory	3	3	1	4
6	ZY6CRP11	Biotechnology, Bioinformatics and Molecular Biology	Core Course XI : Practical	2	2	1	4
7	ZY6CRT12	Occupational Zoology (Aquaculture, Apiculture, Vermiculture & Quail farming)	Core Course XII : Theory	3	3	1	4
8	ZY6CRP12	Occupational Zoology (Aquaculture, Apiculture, Vermiculture & Quail farming)	Core Course XII : Practical	2	2	1	4
9	ZY6CBT01	Elective 1: Ecotourism & Sustainable Development	Choice Based Core Elective Courses *(Select any one out of four)*	4	3	1	4
	ZY6CBT02	Elective 2: Agricultural pest management					
	ZY6CBT03	Elective 3: Vector & Vector borne Diseases					
	ZY6CBT04	Elective 4: Nutrition, Health & life style management					
10	ZY6CRPRP	Project Work	Project	1	2		
		Total		25 hrs	25		

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7. SCHEME OF DISTRIBUTION OF INSTRUCTIONAL HOURS

B.Sc. ZOOLOGY PROGRAMME : CORE COURSES –MODEL I

Name of semester	Theory	Practical
First semester	2	2
Second semester	2	2
Third semester	3	2
Fourth semester	3	2
Fifth semester	16	8
Field study & group activity	1	
Sixth semester	16	8
Project work (in sixth sem.), Visit to research institute	1	
Total	44	24

RECORDS

1. General perspectives in Science & Protistan Diversity
2. Animal Diversity –Non Chordata
3. Animal Diversity - Chordata
4. Research Methodology, Biophysics and Biostatistics
5. Environmental Biology & Human rights
6. Cell Biology & Genetics
7. Evolution and Ethology & Zoogeography
8. Human Physiology, Biochemistry & Endocrinology
9. Developmental Biology
10. Microbiology and Immunology
11. Biotechnology, Bioinformatics & Molecular Biology
12. Occupational Zoology

Each Record will be having external and internal evaluation. A total of 1 credit will be allotted for each record and respective practical.

FIELD STUDY/ (STUDY TOUR)

Study tour/ field study, visit to research institute and various places of zoological Importance

A study tour is compulsory. Field study/study tours should be conducted for not less than 6 days (completed during the entire programme), preferably spreading the study in the first to sixth semesters. Students are expected to visit research institutes and various places of zoological importance.

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GROUP ACTIVITY

Students are expected to do one group activity in the fifth semester and submit the report in the sixth semester for external practical examination, along with study tour report.

A maximum of ten students can choose any one group activity like aquarium management, vermicomposting, bee keeping, and conduct of zoological exhibitions, designing of posters of zoological importance, surveys related to disease outbreaks, community health programmes or any matter of zoological interest.

A brief report on any two activities mentioned in each elective paper should be submitted as a component of assignment for internal evaluation.

8. SCHEME OF DISTRIBUTION OF HOURS AND CREDIT

B.Sc. ZOOLOGY PROGRAMME : MODEL -1 CORE COURSE

Semester	Title of the Course	Hrs	Inst Hrs/week	Credit
1	General perspectives in Science & Protistan Diversity	36	2	2
1	General perspectives in Science & Protistan diversity (Practical)	36	2	0
2	Animal Diversity – Non Chordata	36	2	2
2	Animal Diversity – Non Chordata (Practical)	36	2	2
3	Animal Diversity - Chordata	54	3	3
3	Animal Diversity - Chordata (Practical)	36	2	0
4	Research Methodology, Biophysics and Biostatistics	54	3	3
4	Research Methodology, Biophysics and Biostatistics (Practical)	36	2	2
5	Environmental Biology & Human rights	54	3	3
5	Environmental Biology & Human rights (Practical)	36	4	0
5	Cell Biology & Genetics	54	3	3
5	Cell Biology & Genetics (Practical)	36	2	0
5	Evolution, Ethology & Zoogeography	54	3	3
5	Evolution, Ethology & Zoogeography (Practical)	36	2	0
5	Human Physiology, Biochemistry & Endocrinology	54	3	3

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**Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)**

Examination : *	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023
PRN : *	200021041645

Get Result

Result

Permanent Register Number : : **200021041645**
Name of Student: : **AISHWARYA ELIZABETH . T . B**
Programme: : **B.Sc Zoology Model I**
Exam Centre: : **The Cochin College, Cochin**

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
ZY6CRP03	Environmental Biology and Toxicology & Cell Biology and Genetics	2	40	40	10	10	50	50	S	10	20	Passed
ZY6CRP04	Evolution, Ethology and Zoogeography & Human Physiology, Biochemistry and Endocrinology	2	40	40	10	10	50	50	S	10	20	Passed
ZY6CRP05	Developmental Biology and Microbiology and Immunology	2	40	40	10	10	50	50	S	10	20	Passed
ZY6CRP06	Biotechnology, Bioinformatics and Molecular Biology & Occupational Zoology	2	39	40	10	10	49	50	S	10	20	Passed
ZY6CRT09	Developmental Biology	3	58	60	15	15	73	75	S	10	30	Passed
ZY6CRT10	Microbiology and Immunology	3	58	60	15	15	73	75	S	10	30	Passed
ZY6CRT11	Biotechnology, Bioinformatics and Molecular Biology	3	60	60	15	15	75	75	S	10	30	Passed
ZY6CRT12	Occupational Zoology (Aquaculture, Apiculture, Vermiculture & Quail farming)	3	55	60	15	15	70	75	A+	9	27	Passed
ZY6PRP01	Project Work	2	76	80	20	20	96	100	S	10	20	Passed
ZY6CBT04	Nutrition, Health & Life style Management	3	80	80	20	20	100	100	S	10	30	Passed
	SEMESTER RESULT	**25**		**SCPA: 9.88**			**686**	**700**	**S**		**247**	**Passed**

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	17	9.00	A+	P	September 2021
SEMESTER II	23	9.87	S	P	December 2021
SEMESTER III	17	8.82	A+	P	March 2022
SEMESTER IV	23	9.83	S	P	August 2022
SEMESTER V	15	9.40	A+	P	November 2022
SEMESTER VI	25	9.88	S	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
3139	3300	9.53	1144	120	S	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	533	600	8.82	22	A+
Common Course II : Malayalam	355	400	9.00	16	A+
Core Course : Zoology	1359	1400	9.73	51	S
Complementary Course : Botany	399	400	10.00	14	S
Complementary Course : Chemistry	394	400	10.00	14	S
Open Course : Agri-based Microenterprises	99	100	10.00	3	S

NOTE: *The results made available through the web are intended only to provide immediate information to the examinees. This is not a substitute for the original marklists/ grade sheets issued to the candidates. Mahatma Gandhi University reserves the right to update the contents of the web*

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3 BSC Botany- Syllabus

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B Sc Botany Syllabus | 2017 Admission onwards

B Sc BOTANY PROGRAMME - MODEL II (VOCATIONAL)

PROGRAMME DESIGN

The UG Programme in Botany (Model II Vocational) must include (a) Common courses, (b) Core courses, (c) Complementary courses, (d) Vocational courses, (e) Open course, (f) Choice based core course (Elective course), (g) Project work and (h) Hands-on training (HOT). No paper shall carry more than 4 credits. The student shall select choice based core course offered by the department that enables the students to familiarize the advanced area of core course. Students can opt for any one of the Open course offered by different departments of the college in V semester.

PROGRAMME STRUCTURE: SUMMARY OF COURSES AND CREDITS

Sl. No.	Course type	No. of courses	Total credits
1	Common course I - English	4	16
2	Common course II – Additional language	2	8
3	Core + Practical	12 + 6	46
4	Vocational + Practical	8 + 3	26
5	Complementary + Practical	4 + 2	14
6	Open course	1	3
7	Programme elective (Choice based core course)	1	3
8	Project work	1	2
9	HOT	1	2
Total		**45**	**120**
Total credits		120	
Programme Duration		6 Semesters	
Minimum attendance required		75%	

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B Sc BOTANY PROGRAMME - MODEL II (VOCATIONAL)

SEMESTERWISE DISTRIBUTION OF COURSES

Course Title	Hrs/ week	Credits	Course Title	Hrs/ week	Credits
SEMESTER I			**SEMESTER II**		
Common course - English 1	5	4	Common course - English 2	5	4
Common course – Additional language course 1	5	4	Common course – Additional language course 2	5	4
Core course 1 + Practical	4	3	Core course 2 + Practical	4	3
Complementary course 1 + Practical	5	3	Complementary course 2 + Practical	5	3
Vocational course 1	2	2	Vocational course 3	2	2
Vocational course 2 + Practical	4	3	Vocational course 4 + Practical	4	3
Total	**25**	**19**	**Total**	**25**	**19**
SEMESTER III			**SEMESTER IV**		
Common course – English 3	5	4	Common course – English 4	5	4
Core course 3 + Practical	5	4	Core course 4 + Practical	5	4
Complementary course 3 + Practical	5	4	Complementary course 4 + Practical	5	4
Vocational course 5 + Practical	5	4	Vocational course 7 + Practical	5	4
Vocational course 6 + Practical	5	4	Vocational course 8 + Practical	5	4
Total	**25**	**20**	**Total**	**25**	**20**
SEMESTER V			**SEMESTER VI**		
Core course 5 + Practical	5	4	Core course 9 + Practical	5.5	4
Core course 6 + Practical	5.5	4	Core course 10 + Practical	5	4
Core course 7 + Practical	5.5	4	Core course 11 + Practical	6.5	4
Core course 8 + Practical.	5	4	Core course 12 + Practical	5	4
Open course	4	3	Programme elective - Choice based core course	3	3
Total	**25**	**19**	Project work	--	2
			Hands-on training	--	2
			Total	**25**	**23**

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B Sc BOTANY PROGRAMME – MODEL I

COMBINATION OF CORE AND COMPLEMENTARY COURSES AND SEMESTER-WISE DISTRIBUTION

Sem.	Course category	Course code	Course title	Instr. hrs.*		Credits
				Th.	Pr.	
I	Core	BO1CRT01	Methodology of Science and an Introduction to Botany	36	36	2 +1
II	Core	BO2CRT02	Microbiology, Mycology and Plant Pathology	36	36	2 + 1
III	Core	BO3CRT03	Phycology and Bryology	54	36	3 + 1
IV	Core	BO4CRT04	Pteridology, Gymnosperms and Paleobotany	54	36	3 + 1
V	Core	BO5CRT05	Anatomy, Reproductive Botany, Microtechnique	54	36	3 + 1
	Core	BO5CRT06	Research methodology, Biophysics and Biostatistics	54	45	3 + 1
	Core	BO5CRT07	Plant Physiology and Biochemistry	54	45	3 + 1
	Core	BO5CRT08	Environmental sciences and Human Rights	54	36	3 + 1
	Open	BO5OPT01	1. Agri-based microenterprises	72	--	3
	Open	BO5OPT02	2. Horticulture and Nursery management	72	--	3
	Open	BO5OPT03	3. Ecotourism	72	--	3
VI	Core	BO6CRT09	Genetics, Plant Breeding and Horticulture	54	45	3 + 1
	Core	BO6CRT10	Cell and Molecular Biology	54	36	3 + 1
	Core	BO6CRT11	Angiosperm morphology, Taxonomy and Economic Botany	72	45	3 + 1
	Core	BO6CRT12	Biotechnology and Bioinformatics	54	36	3 + 1
	Elective	BO6PET01	1. Agribusiness	54	--	3
	Elective	BO6PET02	2. Plant Genetic Resources Management	54	--	3
	Elective	BO6PET03	3. Phytochemistry and Pharmacognosy	54	--	3
	Project	BO6PRT01	Investigatory project work done individually or in groups	--	--	2
I	Compl. 1	BO1CMT01	Cryptogams, Gymnosperms and Plant Pathology	36	36	2 + 1
II	Compl. 2	BO2CMT02	Plant Physiology	36	36	2 + 1
III	Compl. 3	BO3CMT03	Angiosperm Taxonomy and Economic Botany	54	36	3 + 1
IV	Compl. 4	BO4CMT04	Anatomy and Applied Botany	54	36	3 + 1

* 18 instructional hours is equal to one teaching hour per week

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| B Sc Botany Syllabus | 2017 Admission onwards |

B Sc BOTANY PROGRAMME - MODEL II (VOCATIONAL)
COMBINATION AND SEMESTER-WISE DISTRIBUTION OF VOCATIONAL COURSES

Sem.	Course category	Course code	Course title	Instr. hrs.* Th.	Pr.	Credits
**1. Environmental monitoring and Management**
I	Vocational	BO1VO1T01	Environmental Biology Part-I	36	--	2
	Vocational	BO1VO1T02	Environmental Biology Part-II	36	36	2 + 1
II	Vocational	BO2VO1T03	Environmental Microbiology	36	--	2
	Vocational	BO2VO1T04	Environmental hygiene and Human health	36	36	2 + 1
III	Vocational	BO3VO1T05	Environmental Monitoring Part-I	54	36	3 + 1
	Vocational	BO3VO1T06	Environmental Conservation and Management Part-I	54	36	3 + 1
IV	Vocational	BO4VO1T07	Environmental Monitoring Part-II	54	36	3 + 1
	Vocational	BO4VO1T08	Environmental Conservation and Management Part-II	54	36	3 + 1
**2. Food Microbiology**
I	Vocational	BO1VO2T01	Microbial world Part-I	36	--	2
	Vocational	BO1VO2T02	Microbial world Part-II	36	36	2 + 1
II	Vocational	BO2VO2T03	Applied Microbiology Part-I	36	--	2
	Vocational	BO2VO2T04	Applied Microbiology Part-II	36	36	2 + 1
III	Vocational	BO3VO2T05	Principles of Food Microbiology	54	36	3 + 1
	Vocational	BO3VO2T06	Contamination, spoilage and Preservation of Food Part-I	54	36	3 + 1
IV	Vocational	BO4VO2T07	Contamination, spoilage and Preservation of Food Part-II	54	36	3 + 1
	Vocational	BO4VO2T08	Food fermentations, Food infection and Food borne diseases	54	36	3 + 1
**3. Horticulture and Nursery management**
I	Vocational	BO1VO3T01	Fundamentals of Horticulture	36	--	2
	Vocational	BO1VO3T02	Plant Propagation	36	36	2 + 1
II	Vocational	BO2VO3T03	Ornamental Horticulture and Landscaping	36	--	2
	Vocational	BO2VO3T04	Plant protection and Nursery management	36	36	2 + 1
III	Vocational	BO3VO3T05	Floriculture	54	36	3 + 1
	Vocational	BO3VO3T06	Olericulture	54	36	3 + 1
IV	Vocational	BO4VO3T07	Pomology, Food technology and Post-harvest management of Horticultural crops	54	36	3 + 1
		BO4VO3T08	Cultivation of Medicinal and aromatic plants, spices and Plantation crops	54	36	3 + 1
**4. Plant Biotechnology**
I	Vocational	BO1VO4T01	Introduction to Biotechnology	36	--	2
	Vocational	BO1VO4T02	Microbiology	36	36	2 + 1
II	Vocational	BO2VO4T03	Molecular Biology	36	--	2
	Vocational	BO2VO4T04	Fundamentals of Enzymology and Radiobiology	36	36	2 + 1
III	Vocational	BO3VO4T05	Biotechniques and Instrumentation	54	36	3 + 1
	Vocational	BO3VO4T06	Basics of Molecular cloning techniques	54	36	3 + 1
IV	Vocational	BO4VO4T07	Genetic Engineering	54	36	3 + 1
	Vocational	BO4VO4T08	Plant Tissue culture	54	36	3 + 1

* 18 instructional hours is equal to one teaching hour per week

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The Cochin College

Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination :*	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023
PRN :*	200021042639

Get Result

Result

Permanent Register Number:	:	200021042639
Name of Student:	:	POORNIMA UMESH
Programme:	:	B.Sc Botany Model II Plant Biotechnology
Exam Centre:	:	The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
BO6CRP03	Anatomy, Reproductive Botany, Microtechniques and Genetics, Plant Breeding and Horticulture	2	40	40	10	10	50	50	S	10	20	Passed
BO6CRP04	Plant Physiology and Biochemistry & Cell and Molecular Biology	2	40	40	10	10	50	50	S	10	20	Passed
BO6CRP05	Environmental Science and Human Rights & Biotechnology and Bioinformatics	2	39	40	10	10	49	50	S	10	20	Passed
BO6CRP06	Research Methodology , Biophysics and Biostatistics & Angiosperm Morphology,Taxonomy & Economic Botany	2	40	40	10	10	50	50	S	10	20	Passed
BO6CRT09	Genetics, Plant Breeding and Horticulture	3	58	60	15	15	73	75	S	10	30	Passed
BO6CRT10	Cell and Molecular Biology	3	51	60	15	15	66	75	A+	9	27	Passed
BO6CRT11	Angiosperm Morphology, Taxonomy & Economic Botany	3	58	60	15	15	73	75	S	10	30	Passed
BO6CRT12	Biotechnology and Bioinformatics	3	54	60	15	15	69	75	A+	9	27	Passed
BO6OJP01	OJT	2	0		100	100	100	100	S	10	20	Passed
BO6PRP01	Project	2	79	80	20	20	99	100	S	10	20	Passed
BO6CBT01	Agribusiness	3	79	80	19	20	98	100	S	10	30	Passed
	SEMESTER RESULT	**27**		**SCPA: 9.78**			**777**	**800**	**S**		**264**	**Passed**

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	16	9.75	S	P	September 2021
SEMESTER II	22	9.55	S	P	December 2021
SEMESTER III	16	9.13	A+	P	March 2022
SEMESTER IV	24	9.67	S	P	August 2022
SEMESTER V	15	9.60	S	P	November 2022
SEMESTER VI	27	9.78	S	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
3258	3400	9.60	1152	120	S	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	343	400	8.50	16	A+
Common Course II : Hindi	190	200	9.50	8	S
Core Course : Botany	1464	1500	9.77	53	S
Vocational Course : Plant Biotechnology	798	800	10.00	26	S
Complementary Course : Biochemistry	378	400	9.64	14	S
Open Course : Fundamentals of Economics	85	100	9.00	3	A+

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4   BSc Chemistry- Syllabus

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Mahatma Gandhi University, Kottayam

CONSOLIDATED SCHEME FOR I TO VI SEMESTERS
PROGRAMME STRUCTURE

1. B.Sc CHEMISTRY PROGRAMME – (MODEL - I)

Sem	Title with Course code	Course Category	Hours per week	Credits
I	English I	Common	5	4
	English/ Common Course I	Common	4	3
	Second Language I	Common	4	4
	CHICRT01 General and Analytical Chemistry	Core	2	2
	CH2CRP01 Volumetric Analysis	Core	2	-
	Complementary Mathematics	Complementary	4	3
	Complementary Physics	Complementary	2	2
	Complementary Physics Practical	Complementary	2	-
II	English II	Common	5	4
	English/ Common Course II	Common	4	3
	Second Language II	Common	4	4
	CH2CRT02 Theoretical and Inorganic Chemistry	Core	2	2
	CH2CRP01 Volumetric Analysis	Core	2	2
	Complementary Mathematics	Complementary	4	3
	Complementary Physics	Complementary	2	2
	Complementary Physics Practical	Complementary	2	2
III	English III	Common	5	4
	II Lang/Common Course I	Common	5	4
	CH3CRT03 Organic Chemistry-I	Core	3	3
	CH4CRP02 Qualitative Organic Analysis	Core	2	-
	Complementary Mathematics	Complementary	5	4
	Complementary Physics	Complementary	3	3
	Complementary Physics Practical	Complementary	2	-
IV	English IV	Common	5	4
	II Lang/ Common Course II	Common	5	4
	CH4CRT04 Organic Chemistry-II	Core	3	3
	CH4CRP02 Qualitative Organic Analysis	Core	2	2
	Complementary Mathematics	Complementary	5	4
	Complementary Physics	Complementary	3	3
	Complementary Physical Practical	Complementary	2	2
V	CH5CRT05 Environment, Ecology and Human Rights	Core	4	4
	CH5CRT06 Organic Chemistry-III	Core	3	3
	CH5CRT07 Physical Chemistry - I	Core	2	2
	CH5CRT08 Physical Chemistry - II	Core	2	3
	CH5OPT Open course	Open	4	3

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	CH6CRP03 Qualitative Inorganic Analysis	Core	3	-
	CH6CRP04 Organic Preparations and Basic Laboratory Techniques	Core	2	-
	CH6CRP05 Physical Chemistry Practical	Core	3	-
	CH6PRP01Project	Core	2	-
VI	CH6CRT09 Inorganic Chemistry	Core	3	3
	CH6CRT10 Organic Chemistry-IV	Core	3	3
	CH6CRT11 Physical Chemistry - III	Core	3	3
	CH6CRT12 Physical Chemistry - IV	Core	3	3
	CH6CBT Choice Based Course	Core	3	3
	CH6CRP03 Qualitative Inorganic Analysis	Core	3	2
	CH6CRP04 Organic Preparations and Basic Laboratory Techniques	Core	2	2
	CH6CRP05 Physical Chemistry Practical	Core	3	2
	CH6CRP06 Gravimetric Analysis	Core	2	2
	CH6PRP01 Project & Industrial visit and comprehensive viva-voce	Core	-	2

OPEN COURSES:

Sl. No.	Semester	Course Code	Course Title
1	V	CH5OPT01	Chemistry in Everyday Life
2	V	CH5OPT02	Nanoscience and Nanotechnology
3	V	CH5OPT03	Forensic Science

CHOICE BASED COURSES:

Sl. No.	Semester	Course Code	Course Title
1	VI	CH6CBT01	Polymer Chemistry
2	VI	CH6CBT02	Nanochemistry and Nanotechnology
3	VI	CH6CBT03	Soil and Agricultural Chemistry

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1/2/24, 11:12 AM   Mahatma Gandhi University CBCSS Revised Scheme

Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination :*	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023 ⌄
PRN :*	200021027978

Get Result

Result

Permanent Register Number: : **200021027978**
Name of Student: : **ASWIN V PANICKER**
Programme: : **B.Sc Chemistry Model I**
Exam Centre: : **The Cochin College, Cochin**

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
CH6CRP03	Qualitative Inorganic Analysis	2	40	40	10	10	50	50	S	10	20	Passed
CH6CRP04	Organic Preparations and Basic Laboratory Techniques	2	40	40	10	10	50	50	S	10	20	Passed
CH6CRP05	Physical Chemistry Practical	2	40	40	10	10	50	50	S	10	20	Passed
CH6CRP06	Gravimetric Analysis	2	40	40	10	10	50	50	S	10	20	Passed
CH6CRT09	Inorganic Chemistry	3	50	60	15	15	65	75	A+	9	27	Passed
CH6CRT10	Organic Chemistry - IV	3	49	60	15	15	64	75	A+	9	27	Passed
CH6CRT11	Physical Chemistry - III	3	45	60	15	15	60	75	A	8	24	Passed
CH6CRT12	Physical Chemistry - IV	3	51	60	15	15	66	75	A+	9	27	Passed
CH6PRP01	Project, Industrial visit and Comprehensive Viva-Voce	2	74	80	20	20	94	100	A+	9	18	Passed
CH6CBT01	Polymer Chemistry	3	62	80	20	20	82	100	A	8	24	Passed
	SEMESTER RESULT	**25**	SCPA:	9.08			631	700	A+		227	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	18	9.28	A+	P	September 2021
SEMESTER II	22	9.82	S	P	December 2021
SEMESTER III	18	8.78	A+	P	March 2022
SEMESTER IV	22	9.36	A+	P	August 2022
SEMESTER V	15	9.20	A+	P	November 2022
SEMESTER VI	25	9.08	A+	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
3014	3300	9.27	1112	120	A+	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	539	600	9.32	22	A+
Common Course II : Malayalam	338	400	8.50	16	A+
Core Course : Chemistry	1282	1400	9.25	51	A+
Complementary Course : Mathematics	396	400	10.00	14	S
Complementary Course : Physics	362	400	9.21	14	A+
Open Course : Fundamentals of Economics	97	100	10.00	3	S

NOTE:*The results made available through the web are intended only to provide immediate information to the examinees. This is not a substitute for the original marklists/ grade sheets issued to the candidates. Mahatma Gandhi University reserves the right to update the contents of the web pages without notice. However, discrepancies which may arise due to transmission errors may be informed to the university at email address : support@mgu.ac.in*

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The Cochin College

5   BSc Physics- Syllabus

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7. CONSOLIDATED SCHEME FOR I TO VI SEMESTERS

B. Sc. Physics Programme – (Model I)

Semester	Title of the Course	Hours/week	Credits	Total hrs	Marks IA	Marks EA
1	English (Common Course I) EN1CCT01 – Fine Tune Your English	5	4	90	20	80
	English (Common Course II) EN1CCTO2 – Pearls From the Deep	4	3	72	20	80
	Second Language I	4	4	72	20	80
	PH1CRT01 - Methodology and Perspectives of Physics	2	2	36	15	60
	Complementary I: Mathematics I	4	3	72	20	80
	Complementary II — Chemistry I or Electronics I	2	2	36	15	60
	Or Statistics I (No Practical)**	4	3	72	20	80
	Core Practical I: PH2CRP01 Mechanics and Properties of Matter	2	-	36	-	-
	Complementary II Practical I (Chemistry or Electronics)	2	-	36	-	-
2	English (Common Course III) EN2CCT03 – Issues that Matter	5	4	90	20	80
	English (Common Course IV) EN2CCTO4 – Savouring the Classics	4	3	72	20	80
	Second Language II	4	4	72	20	80
	PH2CRT02 – Mechanics and Properties of Matter	2	2	36	15	60
	Complementary I: Mathematics II	4	3	72	20	80
	Complementary II: Chemistry II or Electronics II	2	2	36	15	60
	Or Statistics II**	4	3	72	20	80
	Core Practical I: PH2CRP01 Mechanics and Properties of Matter	2	2	36	10	40
	Complementary II Practical I (Chemistry or	2	2	36	10	40

Curriculum and syllabus 2017 admissions onwards

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B Sc Programme in Physics, Mahatma Gandhi University   13

	Electronics)					
3	**English (Common Course V) EN3CCTO5 – Literature and / as Identity**	5	4	90	20	80
	Second Language III	5	4	90	20	80
	PH3CRT03 – Optics, Laser and Fiber Optics	3	3	54	15	60
	Complementary I: Mathematics III	5	4	90	20	80
	Complementary II: Chemistry III or Electronics III	3	3	54	15	60
	Or Statistics III**	5	4	90	20	80
	Core Practical II: PH4CRP02 Optics and Semiconductor Physics	2	-	36	-	-
	Complementary II Practical II (Chemistry or Electronics)	2	-	36	-	-
4	**English (Common Course VI) EN4CCTO6 - Illuminations**	5	4	90	20	80
	Second Language IV	5	4	90	20	80
	PH4CRT04- Semiconductor Physics	3	3	54	15	60
	Complementary I: Mathematics IV	5	4	90	20	80
	Complementary II: Chemistry IV or Electronics IV	3	3	54	15	60
	Or Statistics IV**	5	4	90	20	80
	Core Practical II: PH4CRP02 Optics and Semiconductor Physics	2	2	36	10	40
	Complementary II Practical II (Chemistry or Electronics)	2	2	36	10	40
5	**PH5CRT05 – Electricity and Electrodynamics**	3	3	54	15	60
	PH5CRT06 – Classical and Quantum Mechanics	3	3	54	15	60
	PH5CRT07 –Digital Electronics and Programming	3	3	54	15	60
	PH5CRT08 – Environmental Physics and Human Rights	4	4	72	15	60
	PH5OPT0X* -Open Course	4	3	72	20	80
	Core Practical III: PH6CRP03 Electricity, Magnetism and Laser	2	-	36	-	-
	Core Practical IV: PH6CRP04 Digital Electronics	2	-	36	-	-
	Core Practical V: PH6CRP05 Thermal Physics, Spectroscopy and C++ programming	2	-	36	-	-
	Core Practical VI: PH6CRP06	2	-	36	-	-

Curriculum and syllabus 2017 admissions onwards

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	Acoustics, Photonics and Advanced Semiconductor Physics					
	PH6CRT09- Thermal and Statistical Physics	3	3	54	15	60
	PH6CRT10 --Relativity and Spectroscopy	4	3	72	15	60
	PH6CRT11 – Nuclear, Particle and Astrophysics	3	3	54	15	60
	PH6CRT12- Solid State Physics	4	3	72	15	60
	PH6CBT0X *-Choice Based Course	3	3	54	20	80
6	Core Practical III: PH6CRP03 Electricity, Magnetism and Laser	2	2	36	10	40
	Core Practical IV: PH6CRP04 Digital Electronics	2	2	36	10	40
	Core Practical V: PH6CRP05 Thermal Physics, Spectroscopy and C++ programming	2	2	36	10	40
	Core Practical VI: PH6CRP06 Acoustics, Photonics and Advanced Semiconductor Physics	2	2	36	10	40
	PH6PRO01 – Project and Industrial Visit	-	1	-	20	80

*- X Stands for 1, 2, 3, … depending upon Open course and Choice based course

** Complementary II : Statistics has only theory papers.

Choice Based Course

Sl. No.	Paper Code	Semester	Paper Title
1	PH6CBT01	VI	IT
2	PH6CBT02	VI	Material Science
3	PH6CBT03	VI	Computational Physics
4	PH6CBT04	VI	Instrumentation
5	PH6CBT05	VI	Astronomy & Astrophysics

Curriculum and syllabus 2017 admissions onwards

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination :* SIXTH SEMESTER CBCS EXAMINATION MARCH 2020

PRN :* 170021033887

Get Result

Result

Permanent Register Number: : **170021033887**
Name of Student: : **SARASWATHI.P.NAIK**
Programme: : **B.Sc Physics Model I**
Exam Centre: : **The Cochin College, Cochin**

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
PH6CRP03	Electricity, Magnetism and Laser	2	40	40	10	10	50	50	S	10	20	Passed
PH6CRP04	Digital Electronics	2	40	40	10	10	50	50	S	10	20	Passed
PH6CRP05	Thermal Physics, Spectroscopy and C++ programming	2	40	40	10	10	50	50	S	10	20	Passed
PH6CRP06	Acoustics, Photonics and Advanced Semiconductor Physics	2	40	40	10	10	50	50	S	10	20	Passed
PH6CRT09	Thermal and Statistical Physics	3	41	60	15	15	56	75	A	8	24	Passed
PH6CRT10	Relativity and Spectroscopy	3	53	60	15	15	68	75	A+	9	27	Passed
PH6CRT11	Nuclear, Particle and Astrophysics	3	52	60	15	15	67	75	A+	9	27	Passed
PH6CRT12	Solid State Physics	3	50	60	15	15	65	75	A+	9	27	Passed
PH6PRP01	Project and Industrial Visit	1	78	80	20	20	98	100	S	10	10	Passed
PH6CBT05	Astronomy & Astrophysics	3	74	80	19	20	93	100	A+	9	27	Passed
SEMESTER RESULT		**24**			SCPA: **9.25**		**647**	**700**	**A+**		**222**	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	18	8.72	A+	P	January 2018
SEMESTER II	22	8.77	A+	P	May 2018
SEMESTER III	18	9.00	A+	P	October 2018
SEMESTER IV	22	9.18	A+	P	May 2019
SEMESTER V	16	8.75	A+	P	October 2019
SEMESTER VI	24	9.25	A+	P	March 2020

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2950	3300	8.97	1076	120	A+	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	486	600	8.18	22	A
Common Course II : Hindi	357	400	9.00	16	A+
Core Course : Physics	1284	1400	9.22	51	A+
Complementary Course : Electronics	361	400	9.21	14	A+
Complementary Course : Mathematics	371	400	9.00	14	A+
Open Course : Chemistry in Everyday Life	91	100	9.00	3	A+

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6   BA English-Syllabus

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	Movements: the Cross Currents of Change	- EN4CM04				
5	Open Course	EN5CROP01 Appreciating Films EN5CROP02 Theatre Studies EN5CROP03 English for Careers	4	3	20	80
5	Acts on the Stage	Core Course -7 EN5CR07	6	5	20	80
5	Literary Criticism and Theory	Core Course -8 EN5CR08	5	4	20	80
5	Indian Writing in English	Core Course -9 EN5CR09	5	4	20	80
5	Environmental Science and Human Rights	Core Course EN5CREN01	5	4	20	80
6	Choice Based Course	EN6CB01 Comparative Literature EN6CB02 Modern Malayalam Literature in Translation EN6CB03 Regional Literatures in Translation EN6CB04 Voices from the Margins	4	4	20	80
6	Postcolonial Literatures	Core Course -10 EN6CR10	5	4	20	80
6	Women Writing	Core Course -11 EN6CR11	5	4	20	80
6	American Literature	Core Course -12 EN6CR12	5	4	20	80
6	Modern World Literature	Core Course -13 EN6CR13	5	4	20	80
6	Project	EN6PR01	1	2	20	80

2

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MAHATMA GANDHI UNIVERSITY

SYLLUBUS FOR ENGLISH LANGUAGE AND LITERATURE (MODEL 1)

2017 ADMISSIONS ONWARDS

SCHEME

Semester	Title	Course Category/Code	Hours Per Week	Credits	Internal Assessment	External Exam
1	Fine-tune Your English	Common Course-1 EN1CC01	5	4	20	80
1	Pearls from the Deep	Common Course -2 EN1CC02	4	3	20	80
1	Second Language	Common Course	4	4	20	80
1	Methodology of Literary Studies	Core Course-1 EN1CR01	6	4	20	80
1	History/Political Science/ Sociology/ Psychology	Complementary Course	6	4	20	80
2	Issues that Matter	Common Course -3 EN2CC03	5	4	20	80
2	Savouring the Classics	Common Course -4 EN2CC04	4	3	20	80
2	Introducing Language and Literature	Core Course -2 EN2CR02	6	4	20	80
2	Second Language	Common Course	4	4	20	80
2	History /Political Science / Sociology/ Psychology	Complementary Course	6	4	20	80
3	Literature and/as Identity	Common Course -5 EN3CC05	5	4	20	80
3	Second Language	Common Course	5	4	20	80
3	Harmony of Prose	Core Course -3 EN3CR03	4	4	20	80
3	Symphony of Verse	Core Course -4 EN3CR04	5	4	20	80
3	Evolution of Literary Movements: the Shapers of Destiny	Complementary Course 3 - EN3CM03	6	4	20	80
4	Illuminations	Common Course -6 EN4CC06	5	4	20	80
4	Second Language	Common Course	5	4	20	80
4	Modes of Fiction	Core Course -5 EN4CR05	4	4	20	80
4	Language and Linguistics	Core Course -6 EN4CR06	5	4	20	80
4	Evolution of Literary	Complementary Course 4	6	4	20	80

1

Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination	: *	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023	∨
PRN	: *	200021002932	

Get Result

Result

Permanent Register Number: : **200021002932**
Name of Student: : **NANDANA T R**
Programme: : B.A English Language and Literature Model I
Exam Centre: : The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL		INTERNAL		Total	MAX	Grade	GP	CP	Result
			ESA	MAX	ISA	MAX						
EN6CRT10	Postcolonial Literatures	4	57	80	17	20	74	100	B+	7	28	Passed
EN6CRT11	Women Writing	4	48	80	16	20	64	100	B	6	24	Passed
EN6CRT12	American Literature	4	51	80	17	20	68	100	B+	7	28	Passed
EN6CRT13	Modern World Literature	4	65	80	17	20	82	100	A	8	32	Passed
EN6PRT02	Project	4	69	80	17	20	86	100	A+	9	36	Passed
EN6CBT03	Regional Literatures in Translation	3	62	80	16	20	78	100	A	8	24	Passed
	SEMESTER RESULT	23	SCPA: 7.48				452	600	B+		172	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	19	8.16	A	P	September 2021
SEMESTER II	19	8.00	A	P	December 2021
SEMESTER III	20	8.80	A+	P	March 2022
SEMESTER IV	20	9.20	A+	P	August 2022
SEMESTER V	19	8.79	A+	P	November 2022
SEMESTER VI	23	7.48	B+	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2575	3100	8.38	1006	120	A	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	516	600	8.86	22	A+
Common Course II : Malayalam	362	400	9.00	16	A+
Core Course : English	1281	1600	8.06	63	A
Complementary Course : English	178	200	9.00	8	A+
Complementary Course : History	147	200	7.50	8	A
Open Course : Chemistry in Everyday Life	91	100	9.00	3	A+

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7   BBA- Syllabus

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COURSE DESIGN

Semester	Title	Course	Credit	Hours/week
First semester				
BA1CRT01	Principles and Methodology of Management	Core	4	6
BA1CRT02	Business Accounting	Core	4	6
BA1CMT03	Fundamentals of Business Mathematics	Complementary	4	4
BA1CMT04	Fundamentals of Business Statistics	Complementary	4	4
BA1CCT05	English Paper –I	Common	4	5
			20	25
Second semester				
BA2CRT06	Cost and Management Accounting	Core	4	6
BA2CRT07	Business Communication	Core	4	6
BA2CMT08	Mathematics for Management	Complementary	4	4
BA2CMT09	Statistics for Management	Complementary	4	4
BA2CCT10	English Paper –II	Common	4	5
			20	25
Third Semester				
BA3CRT11	Human Resource Management	Core	4	5
BA3CRT12	Marketing Management	Core	4	5
BA3CRT13	Research Methodology	Core	4	5
BA3CMT14	Business Laws	Complementary	4	5
BA3PRP15	Personality Development and Management Skills (Minor Project)	Core	4	5
			20	25
Fourth Semester				
BA4CRT16	Financial Management	Core	4	5
BA4CRT17	Managerial Economics	Core	4	5
BA4CRT18	Entrepreneurship	Core	4	5
BA4CMT19	Basic informatics for Management	Complementary	4	5
BA4CMT20	Corporate Law	Complementary	4	5
			20	25

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Fifth Semester				
BA5CRT21	Organisational Behaviour	Core	4	6
BA5OPT22	Open Course	Open	3	4
BA5CRT23	Environment Science and Human Rights	Core	4	5
BA5CMT24	Intellectual Property Rights and Industrial Laws	Complementary	4	5
BA5CRT25	Operations Management	Core	2	2
BA5CRT26	Industrial Relations	Core	3	3
			20	25
Sixth Semester				
BA6OCT27	Optional-I	Optional (Core)	4	5
BA6OCT28	Optional-II	Optional (Core)	4	5
BA6CRT29	Strategic Management	Core	4	5
BA6CRT30	Communication Skills and Personality development	Core	4	5
BA6PRP31	Management Project	Core	4	5
			20	25
	Grand Total		**120**	**150**

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Website: www.thecochincollege.edu.in   email: email@thecochincollege.edu.in

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BA3PRP15 PERSONALITY DEVELOPMENT AND MANAGEMENT SKILLS (Minor Project)

Core Course
No. of credit   : 4
No. of contact hour: 5

Objectives:

The students will have the opportunity to explore current management literature so as to develop an individual style and sharpen his skills in the area of leadership, communication, decision making, motivation and conflict management.

Minor Project and Presentation

Minor projects are takes that added to the knowledge of the students. Atopic shall give each student in the beginning of the semester in various areas of management. The presentation Project either comprises of either the following.

Project Presentation

OR

Case study Presentation*

Suggested Topics for Minor Projects:
1. Goals of an Organization
2. Work values
3. Character Ethics
4. Working Conditions
5. Decision Making Strategies
6. Goal Setting
7. Customer Satisfaction and
8. Any other relevant topic chooses by the student or assigned by the college.

* Case study can be chosen by the students in this respective area of interest.

Text Books
1. Lather, A.S. Handa, M (2009). Cases in Management. Wisdom Publications.
2. M C Garth (2009). Baric Managerial skills for All, 5[th]ed. Prentice Hall India.

Reference Book
1. Ellis (2009). Management Skills for New Managers.

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Activities

The programme envisages the following activities.

1. **Minor project (Group)** in the third semester (details given along with the syllabus) the viva-voce examination and dissertation valuation shall be done internally for 50 marks each.

2. **Management Projects individually** in the sixth semester. This is a one month implant training and project study to be conducted in the month of December. Each individual student has to undergo one month implant training plus project study in a reputed organization (with established functional departments). 30 day implant training certificate is mandatory with the project report. Project study on a selected management topics need to be conducted during this period in the contest of the organization. Project dissertation and report writing (minimum 40 pages) at the conclusion of the study. The project report should satisfy all the requisite of the research methodology theory. There will be two examinations one internal (20 marks) and another external (80 marks) based on the report.

3. Evaluation of Project , assignment, seminar, viva, internal assessment, test paper.

1. For projects

Group project for minor project . Individual project for management project.

    a. Marks for external examination: 80

    b. Marks for internal evaluation   : 20

Components of management project evaluation (External)	Marks
Dissertation (external)	50
Viva-voce (external)	30
Total	80

Components of management project evaluation (internal)	Marks
Dissertation (internal)	10
Viva-voce (internal)	10
Total	20

Components of minor project evaluation (internal) third semester	Marks
Dissertation (internal)	80
Viva-voce (internal)	20
Total	100

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BA6PRP31 Management Project

Core Course
No. of credit   : 4
No. of contact hour: 5

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination	THIRD SEMESTER CBCS EXAMINATION OCTOBER 2023	∨
PRN	220021078791	

Get Result

Result

Permanent Register Number : 220021078791
Name of Student: : VISHNU PRIYA. P. C
Programme: : Bachelor of Business Administration
Exam Centre: : The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL		INTERNAL		Total	MAX	Grade	GP	CP	Result
			ESA	MAX	ISA	MAX						
BA3CRT11	Human Resource Management	4	63	80	20	20	83	100	A	8	32	Passed
BA3CRT12	Marketing Management	4	63	80	20	20	83	100	A	8	32	Passed
BA3CRT13	Research Methodology	4	79	80	20	20	99	100	S	10	40	Passed
BA3CMT14	Business Laws	4	76	80	20	20	96	100	S	10	40	Passed
BA3PRP15	Personality Development and Management Skills (Minor Project)	4	70	80	20	20	90	100	A+	9	36	Passed
	SEMESTER RESULT	20	SCPA: 9.00				451	500	A+		180	Passed

NOTE: The results made available through the web are intended only to provide immediate information to the examinees. This is not a substitute for the original marklists/ grade sheets issued to the candidates. Mahatma Gandhi University reserves the right to update the contents of the web pages without notice. However, discrepancies which may arise due to transmission errors may be informed to the university at email address : support@mgu.ac.in

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

| Examination | : | SIXTH SEMESTER CBCS EXAMINATION MARCH 2024 | ⌄ |
| PRN | : | 210021083215 | |

Get Result

Result

Permanent Register Number : 210021083215
Name of Student: : DEVANANDA S
Programme: : Bachelor of Business Administration
Exam Centre: : The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
BA6CRT29	Strategic Management	4	52	80	20	20	72	100	B+	7	28	Passed
BA6CRT30	Communication Skills and Personality development	4	51	80	20	20	71	100	B+	7	28	Passed
BA6PRP31	Management Project	4	55	80	20	20	75	100	A	8	32	Passed
BA6CBT29	Investment and Insurance Management	4	61	80	20	20	81	100	A	8	32	Passed
BA6CBT32	Advertising and Salesmanship	4	49	80	20	20	69	100	B+	7	28	Passed
SEMESTER RESULT		20		SCPA: 7.40			368	500	B+		148	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	20	8.00	A	P	June 2022
SEMESTER II	20	6.80	B+	P	October 2022
SEMESTER III	20	8.60	A+	P	January 2023
SEMESTER IV	20	7.40	B+	P	May 2023
SEMESTER V	20	8.55	A+	P	October 2023
SEMESTER VI	20	7.40	B+	P	March 2024

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2375	3100	7.79	935	120	A	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	131	200	6.50	8	B+
Core Course : Business Administration	1599	2000	8.16	77	A
Complementary Course : Business Laws, Informatics for management	285	400	7.25	16	B+
Complementary Course : Business Mathematics, Business Statistics	269	400	7.00	16	B+
Open Course : Fundamentals of Accounting	91	100	9.00	3	A+

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8   BCA- Syllabus

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Consolidated Scheme – I to VI Semesters of BCA

Sem	Title with Course Code	Course Category	Hours per week	Credit	Marks		
					Intl	Extl	Total
I	English-I	**Common**	5	4	20	80	100
	Mathematics	**Complementary**	4	4	20	80	100
	Basic Statistics	**Complementary**	4	4	20	80	100
	CA1CRT01 -Computer Fundamentals and Digital Principles	**Core**	4	4	20	80	100
	CA1CRT02-Methodology of Programming and C Language	**Core**	4	3	20	80	100
	CA1CRP01-Software Lab I (Core)	**Core**	**4**	2	20	80	100
II	English-II	**Common**	5	4	20	80	100
	Discrete Mathematics	**Complementary**	4	4	20	80	100
	CA2CRT03 -Data Base Management Systems	**Core**	4	3	20	80	100
	CA2CRT04-Computer Organization and Architecture	**Core**	4	4	20	80	100
	CA2CRT05-Object oriented programming using C++	**Core**	3	4	20	80	100
	CA2CRP02-Software Lab- II	**Core**	**5**	2	20	80	100
III	Advanced Statistical Methods	**Complementary**	4	4	20	80	100
	CA3CRT06-Computer Graphics	**Core**	4	4	20	80	100
	CA3CRT07-Microprocessor and PC Hardware	**Core**	3	4	20	80	100
	CA3CRT08-Operating Systems	**Core**	4	4	20	80	100
	CA3CRT09-Data Structure using C++	**Core**	4	3	20	80	100
	CA3CRP03-Software Lab III	**Core**	**6**	2	20	80	100
IV	Operational Research	**Complementary**	4	4	20	80	100
	CA4CRT10-Design and Analysis of Algorithms	**Core**	4	4	20	80	100
	CA4CRT11- System Analysis & Software Engineering	**Core**	4	4	20	80	100
	CA4CRT12-Linux Administration	**Core**	4	4	20	80	100
	CA4CRT13-Web Programming using PHP	**Core**	3	3	20	80	100
	CA4CRP04-Software Lab IV	**Core**	**6**	2	20	80	100

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V	CA5CRT14-Computer Networks	**Core**	3	4	20	80	100
	CA5CRT15-IT and Environment	**Core**	4	4	20	80	100
	CA5CRT16-Java Programming using Linux	**Core**	3	3	20	80	100
	CA5OPT-- Open Course	**Core**	4	3	20	80	100
	CA5CRP05 -Software Lab V	**Core**	**5**	2	20	80	100
	CA5CRP06-Software Development Lab I (Mini Project in PHP)	**Core**	**6**	2	20	80	100
VI	CA6CRT17 -Cloud Computing	**Core**	4	4	20	80	100
	CA6CRT18 -Mobile Application development- Android	**Core**	4	4	20	80	100
	CA6PET-- -Elective	**Core**	4	4	20	80	100
	CA6CRP07 –Software Lab VI & Seminar	**Core**	**6**	2	100	-	100
	CA6CRP08 -Software Development Lab II (Main Project)	**Core**	**7**	3	20	80	100
	CA6VVT01-Viva Voce	**Core**		1	-	100	100

Open Course(OP): CA5OPT01 : Informatics and Cyber Ethics, CA5OPT02 : Computer Fundamentals, Internet & MS Office.

Electives (PE): CA6PET01: Data Mining, CA6PET02: Digital Image Processing, CA6PET03: Soft Computing Techniques.

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1. Logic	– 20 marks	
2.Successful compilation	–10 marks	
3. Result	– 5 marks	

Viva Voce   **- 10 marks**

Lab Record   **- 10 marks**

(Minimum of 25 Programs)

Total Marks   **- 80 marks**

CA5CRP06 : Software Development Lab I (core)

Software Development Lab: 6 hrs. per week

Credits: 2

Mini project can be a small complete application project, to make the student confident in designing a system based on Software engineering course. The internal and external evaluation is to be done with the project demonstration and presentation, viva and modification. It must be done in the college lab under the guidance of a faculty.

Scheme of Evaluation for Software Development Lab I external is as follows:

Division of Marks (Software Development Lab I)

Project demonstration and Presentation   **- 25 marks**

Modification   **- 15 marks**

Viva Voce   **- 15 marks**

Project report with proper content and binding **- 25 marks**

Total Marks   **- 80 marks**

OPEN COURSES

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CA6CRP07 : Seminar (core)

Seminar Presentation: 2 hrs. per week

Credits: 2

Each student can choose a latest topic of current day interest in the areas of Computer Science / Information Technology and present a seminar presentation using appropriate presentation media. A seminar presentation report in bound form in the pattern of a complete technical report (with contents page, well structured presentation, references etc.) should be submitted. There will not be any external evaluation for Seminar Presentation.

Scheme of Evaluation of Seminar Presentation (core) for INTERNAL is as follows:

Division of Marks

Seminar Presentation Internal (100 marks)

Presentation	**- 40 marks**
Discussion(Questions and Answers)	**- 30 marks**
Documentation	**10 marks**
Seminar report with proper Content	
and Binding	**- 20 marks**
Total Marks	**-100 marks**

CA6CRP08 : Software Development Lab II (Main Project) (Core)

Software development lab: 7 hrs. per week

Credits: 3

Individual project.

The project topic shall be chosen from areas of current day interest using latest packages / languages running on appropriate platforms (Except the tools used in software development-I), so that the student can be trained to meet the requirements of the Industry. A project report should be submitted in hard bound complete in all aspects. For internal evaluation, the progress of the student shall be systematically assessed through various stages of evaluation at periodic intervals.

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Scheme of Evaluation for Software Development Lab II external is as follows:

Division of Marks (Software Development Lab II)

Project demonstration and Presentation   **- 40 marks**

Viva related to project   **- 20 marks**

Project report with proper content and binding   **-20 marks**

Total Marks   **- 80marks**

CA6VVT01 –VIVA VOCE (Core)

Credit :1

Scheme of Evaluation of Viva voce (core) for External is as follows:

Each student should attend a course viva voce based on syllabus from semester I to semester IV.

Total Marks – 100 marks

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Result

Permanent Register Number	:	200021093218
Name of Student	:	JOEL JOSEPH RAJU
Programme	:	Bachelor of Computer Application
Exam Centre	:	The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
CA6CRT04	Cloud Computing	4	47	80	20	20	67	100	B+	7	28	Passed
CS6CRT19	Mobile Application Development- Android	4	46	80	20	20	66	100	B+	7	28	Passed
CA6PRP02	Software Development Lab II (Main Project)	3	78	80	20	20	98	100	S	10	30	Passed
CS6CBT02	Data Mining	4	43	80	20	20	63	100	B	6	24	Passed
CA6SMP01	Software Lab VI and Seminar	2	0		97	100	97	100	S	10	20	Passed
CA6VVP01	Viva Voce	1	95	100	0		95	100	S	10	10	Passed
SEMESTER RESULT		18			SGPA 7.78			486	600	A		140	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SGPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	21	8.52	A+	P	September 2021
SEMESTER II	20	8.95	A+	P	December 2021
SEMESTER III	21	8.90	A+	P	March 2022
SEMESTER IV	21	9.05	A+	P	August 2022
SEMESTER V	19	9.42	A+	P	November 2022
SEMESTER VI	18	7.78	A	P	March 2023

FINAL RESULT (CGPA)

Marks Awarded	Max Marks	CGPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
3149	3600	8.72	1046	120	A+	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CGPA	Credits	Grade
Common Course I : English	158	200	8.00	8	A
Core Course : Computer Applications	2443	2800	8.67	89	A+
Complementary Course : Mathematics	264	300	9.00	12	A+
Complementary Course : Statistics	184	200	9.50	8	S
Open Course : Applicable Mathematics	100	100	10.00	3	S

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9   BCom Marketing- Syllabus

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RESTRUCTURED CURRICULUM AND SYLLABI FOR THE
B.COM DEGREE PROGRAMME (MODEL II)UNDER THE
CHOICE BASED CREDIT AND SEMESTER SYSTEM

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS P O
KOTTAYAM, KERALA

2017

(Effective from 2017-18 admissions)

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Courses and Duration of Examinations

Total credits: 120
Semesters- 6
Working Days per Semester: 90
Working Hours per Semester: 450
Examination- External Evaluation: 80% and Internal evaluation- 20%

B.Com Degree Programme Model-II Course Structure

Common Courses

Sl No	Course Name	Credit	Hours per week
1	Language- English-I	4	5
2	Second Language-I	4	5
3	Language- English-II	4	5
4	Second Language-II	4	5
5	Language- English- III	3	5
6	Language- English -IV	3	5
	TOTAL	**22**	

Complementary Courses

Sl No	Course Name	Credit	Hours per week
1	Banking and Insurance	3	3
2	Principles of Business Decisions	3	3
3	Finance and Taxation-E- Commerce	4	5
	Computer Application- Programming in 'C' (Theory)	3	3
	Computer Application Programming in 'C' (Practical)	1	2
	Travel and Tourism E Commerce	4	5
	Marketing E Commerce	4	5
	Logistics Management- E Commerce	4	5

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4	Finance and Taxation-Income Tax- Assessment and Planning	4	5
	Computer Application-Database Management System	3	3
	Computer Application Database Management System (Practical)	1	2
	Travel and Tourism Tourism Environment and Ecology	4	5
	Marketing Consumer Behaviour	4	5
	Logistics Management- Consumer Behaviour	4	5
	TOTAL	**14**	

Core Courses

Sl No	Course Name	Credit	Hours per week
1	Dimensions and Methodology of Business Studies	2	3
2	Financial Accounting I	4	5
3	Corporate Regulations and Administration	3	4
4	Financial Accounting II	4	5
5	Business Regulatory Framework	3	4
6	Business Management	3	3
7	Corporate Accounts I	4	4
8	Quantitative Techniques for Business- 1	4	4
9	Financial Markets and Operations	3	4
10	Marketing Management	3	3
11	Optional - 1	4	5
12	Corporate Accounts II	4	5
13	Quantitative Techniques for Business- II	4	5
14	Entrepreneurship Development and Project Management	4	5
15	Optional - 2 -	4	5
16	Cost Accounting - 1	4	6
17	Environment Management and Human Rights	4	5
18	Optional - 3	4	5
19	Cost Accounting - 2	4	6
20	Advertisement and Sales Management	3	4
21	Management Accounting	4	5
22	Optional - 4	4	5

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23	Project and Viva	1	-
	TOTAL	**81**	

Details of Optional Courses

Sl No	Course Name	Credit	Hours per week
FINANCE AND TAXATION			
1	Goods and Services Tax	4	5
2	Financial Services	4	5
3	Income Tax- I	4	5
4	Income Tax - II	4	5

	COMPUTER APPLICATIONS		
1	Information Technology for Business	4	5
2	Information Technology for Office	4	5
3	Computerized Accounting	4	5
4	Software for Business and Research	4	5
TRAVEL AND TOURISM			
1	Fundamentals of Tourism	4	5
2	Travel and Tourism Infrastructure	4	5
3	Hospitality Management	4	5
4	Tourism and Cultural Heritage of India	4	5
MARKETING			
1	Customer Relationship Management	4	5
2	Services Marketing	4	5
3	Marketing Research	4	5
4	International Marketing	4	5
	Tourism and Cultural Heritage of India	4	5
LOGISTICS MANAGEMENT			
1	1 Introduction to Logistics Management	4	5
2	2 Principles of Logistics Information	4	5
3	3 Air Cargo Logistics Management	4	5
4	4 Shipping and Ocean Freight Logistics Management	4	5

OPEN COURSES OFFERED

Sl No	Course Name	Credit	Hours per week
1	CO5OP01- Fundamentals of Banking and Insurance	3	4
2	CO5OP02- Capital Market and Investment Management	3	4

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3	CO5OP03- Fundamentals of Accounting		3	4
	TOTAL		**3**	

Semester-wise details
Semester- 1

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	5
3	CO1CRT01	Dimensions and Methodology of Business Studies	2	3
4	CO1CRT02	Financial Accounting I	4	5
5	CO1CRT03	Corporate Regulations and Administration	3	4
6	CO1CMT01	Banking and Insurance	3	3
		TOTAL	**20**	**25**

Semester- 2

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	5
3	CO2CRT04	Financial Accounting II	4	5
4	CO2CRT05	Business Regulatory Framework	3	4
5	CO2CRT06	Business Management	3	3
6	CO2CMT02	Principles of Business Decisions	3	3
		TOTAL	**21**	**25**

Semester 3

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	5
2	CO3CRT07	Corporate Accounts I	4	4
3	CO3CRT08	Quantitative Techniques for Business- 1	4	4
4	CO3CRT09	Financial Markets and Operations	3	4
5	CO3CRT10	Marketing Management	3	3
6		Optional - 1		
	CO3OCT01	Finance and Taxation-Goods and Services Tax	4	5

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	CO3OCT02	Computer Application- Information Technology for Business (Theory)	3	3
	CO3OCP01	Computer Application Information Technology for Business (Practical)	1	2
	CO3OCT04	Travel and Tourism Fundamentals of Tourism	4	5
	CO3OCT05	Marketing Customer Relationship Management	4	5
	CO3OCT06	Logistics Management 1Introduction to Logistics Management	4	5
		TOTAL	**21**	**25**

Semester- 4

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO1CRT01	Language- English-I	3	5
2	CO4CRT11	Corporate Accounts II	4	5
3	CO4CRT12	Quantitative Techniques for Business- II	4	5
4	CO4CRT13	Entrepreneurship Development and Project Management	4	5
5		Optional - 2 -	4	5
	CO4OCT01	Finance and Taxation- Financial Services	4	5
	CO4OCT02	Computer Application- Information Technology for Office (Theory)	3	3
	CO4OCP01	Computer Application Information Technology for Office (Practical)	1	2
	CO4OCT04	Travel and Tourism Travel and Tourism Infrastructure	4	5
	CO4OCT05	Marketing Services Marketing	4	5
	C04OCT06	Logistics Management Principles of Logistics Information	4	5
		TOTAL	**19**	**25**

Semester- 5

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO5CRT14	Cost Accounting - 1	4	6
2	CO5CRT15	Environment and Human Rights	4	5

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3	CO5CMT07	Complementary Course Finance and Taxation-E- Commerce	4	5
	CO5CMT08	Computer Application- Programming in 'C' (Theory)	3	3
	CO5CMP01	Computer Application Programming in 'C' (Practical)	1	2
	CO5CMT07	Travel and Tourism E Commerce	4	5
	CO5CMT07	Marketing E Commerce	4	5
	CO5CMT07	Logistics Management- E Commerce	4	5
4		Optional - 3		
	CO5OCT01	Finance and Taxation- Income Tax- I	4	5
	CO5OCT02	Computer Application- Computerised Accounting (Theory)	3	3
	CO5OCP01	Computer Application Computerised Accounting (Practical)	1	2
	CO5OCT04	Travel and Tourism Hospitality Management	4	5
	CO5OCT05	Marketing Marketing Research	4	5
	CO5OCT06	Logistics Management Air Cargo Logistics Management	4	5
5		Open Course	3	4
		TOTAL	19	25

Semester- 6

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO6CRT17	Cost Accounting - 2	4	6
2	CO6CRT18	Advertisement and Sales Management	3	4
3	CO6CMT09	Complementary Course Finance and Taxation Income Tax- Assessment and Planning	4	5
	CO6CMT10	Computer Application- Database Management System	3	3
	CO6CMP01	Computer Application Database Management System (Practical)	1	2
	CO6CMT11	Travel and Tourism	4	5

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		Tourism Environment and Ecology		
	CO6CMT12	Marketing Consumer Behaviour	4	5
	CO6CMT12	Logistics Management- Consumer Behaviour	4	5
4	CO6CRT20	Management Accounting	4	5
5	CO6OCT	Optional - 4	4	5
	CO6OCT01	Finance and Taxation- Income Tax- II	4	5
	CO6OCT02	Computer Application- Software for Business and Research (Theory)	3	3
	CO6OCP01	Computer Application Software for Business and Research (Practical)	1	2
	CO6OCT04	Travel and Tourism Tourism and Cultural Heritage of India	4	5
	CO6OCT05	Marketing International Marketing	4	5
	CO6OCT06	Logistics Management Shipping and Ocean Freight Logistics Management	4	5
6	CO6PR01	Project and Viva	1	-
		TOTAL	**20**	**25**

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Guidelines for Practical Examinations , Project and Viva and

Industrial Visit/Study Tour

Practical Examination

Practical examinations will be conducted only at the end of even semesters.

Project Report

All students are to do a **project in the area of core course.**

This project can be done individually or in groups (not more than five students) which may be carried out in or outside the campus.

The report of the project in duplicate is to be submitted in English with not less than 30 pages (Printed in A4 size paper) to the Department at the sixth semester and are to be produced before the examiners appointed by the University.

External Project Evaluation and Viva / Presentation are compulsory and will be conducted at the end of the Programme.

Structure of the Report

- Title Page

- Declaration by the student

- Certificate from the guide

- Acknowledgements

- Contents

- Chapter I: Introduction (Research problem, Objectives of the study, methodology etc)

- Chapter II: Review of Literature/Conceptual Framework

- Chapter III: Data Analysis

- Chapter IV: Summary /findings/ Recommendations

- Appendix (Questionnaire, Specimen copies of forms, other exhibits etc).

- Bibliography

Evaluation of the Project Report.

The project report shall be subject to **Internal and External Evaluation** followed by a **Viva-voce.**

- Internal Evaluation is to be done by the supervising teacher and external evaluation by an examiner appointed by the University and the Head of the Department or his nominee.

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- A viva voce related to the project work will also be conducted by the external evaluation board consisting of an examiner appointed by the University as chairman and the Head of the Department or his nominee as member. The students have to attend the viva voce individually. Grades are to be awarded to the students combining the internal evaluation, external evaluation and viva voce.

Components of External Evaluation of Project / Dissertation (External)	Marks 50
Relevance of Topic	10
Statement of Objectives	5
Methodology	10
Presentation of Facts and Figures	5
Quality of Analysis and Findings	15
Bibliography	5
Viva-Voce (External) -	30
Total	**80**

Components for Internal Evaluation of Project (20 marks)

Punctuality	5
Experimentation/Data Collection	5
Knowledge(Based on individual assessment)	5
Report	5
Total	**20**

Industrial Visit /Study Tour

An industrial visit cum tour for three to five days form part of the course of study for regular students during the programme and a report of the same shall be prepared and submitted to the department.

Note

Only Commerce Teachers whose appointments are approved by the University and Commerce Teachers of Government Colleges should be entrusted with the setting of Question Papers, Valuation of Answer Scripts of Common, Core, Complementary, Open and Choice Based Core elective Courses and the conduct of Practical Examinations

Mrudula Menon V.
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The Cochin College

Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

| Examination | * | SIXTH SEMESTER CBCS EXAMINATION MARCH 2023 | ▼ |
| PRN | * | 200021061814 | |

Get Result

Result

Permanent Register Number : 200021061814
Name of Student : ANDRIYA LAIN T T
Programme : B.Com Model II Marketing(Revised)
Exam Centre : The Cochin College, Cochin

| Course Code | Course | Credit | EXTERNAL | | INTERNAL | | Total | MAX | Grade | GP | CP | Result |
			ESA	MAX	ISA	MAX						
CO6CRT17	Cost Accounting - 2	4	66	80	20	20	86	100	A+	9	36	Passed
CO6CRT18	Advertisement and Sales Management	3	77	80	20	20	97	100	S	10	30	Passed
CO6CRT20	Management Accounting	4	72	80	20	20	92	100	A+	9	36	Passed
CO6CMT12	Consumer Behaviour	4	70	80	20	20	90	100	A+	9	36	Passed
CO6OCT05	International Marketing	4	54	80	18	20	72	100	B+	7	28	Passed
CO6PRT01	Project and Viva	1	80	80	20	20	100	100	S	10	10	Passed
	SEMESTER RESULT	20		SCPA: 8.80			537	600	A+		176	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	20	8.80	A+	P	September 2021
SEMESTER II	21	8.33	A	P	December 2021
SEMESTER III	21	8.71	A+	P	March 2022
SEMESTER IV	19	8.84	A+	P	August 2022
SEMESTER V	19	7.74	A	P	November 2022
SEMESTER VI	20	8.80	A+	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2913	3400	8.54	1025	120	A+	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	316	400	8.00	14	A
Common Course II : Malayalam	180	200	9.00	8	A+
Core Course : Commerce	1988	2300	8.63	81	A+
Complementary Course : Commerce	335	400	8.21	14	A
Open Course : Fundamentals of Economics	93	100	9.00	3	A+

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Phone: **0484 2224954, 2226449**

THE COCHIN COLLEGE

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Website: **www.thecochincollege.edu.in**

email: **email@thecochincollege.edu.in**

10 BCom Finance and Taxation - Syllabus

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Principal-in-Charge
The Cochin College

RESTRUCTURED CURRICULUM AND SYLLABI FOR THE
B.COM DEGREE PROGRAMME (MODEL I) UNDER THE
CHOICE BASED CREDIT AND SEMESTER SYSTEM

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS P O
KOTTAYAM, KERALA

2017

(Effective from 2017-18 admissions)

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Courses and Duration of Examinations

Total credits: 120
Semesters- 6
Working Days per Semester: 90
Working Hours per Semester: 450
Examination- External Evaluation: 80% and Internal evaluation- 20%

MODEL-I

B.Com Degree Programme Model-I Course Structure

Common Courses

Sl No	Course Name	Credit	Hours per week
1	Language- English-I	4	5
2	Second Language-I	4	4
3	Language- English-II	4	5
4	Second Language-II	4	4
5	Language- English- III	3	3
6	Language- English -IV	3	3
	TOTAL	**22**	

Complementary Courses

Sl No	Course Name	Credit	Hours per week
1	Banking and Insurance	3	4
2	Principles of Business Decisions	3	4
	TOTAL	**6**	

Core Courses

Sl No	Course Name	Credit	Hours per week
1	Dimensions and Methodology of Business Studies	2	3
2	Financial Accounting I	4	5

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3	Corporate Regulations and Administration	3	4
4	Financial Accounting II	4	5
5	Business Regulatory Framework	3	4
6	Business Management	3	3
7	Corporate Accounts I	4	5
8	Quantitative Techniques for Business- 1	4	5
9	Financial Markets and Operations	3	4
10	Marketing Management	3	3
11	Optional - 1	4	5
12	Corporate Accounts II	4	6
13	Quantitative Techniques for Business- II	4	6
14	Entrepreneurship Development and Project Management	4	5
15	Optional - 2 -	4	5
16	Cost Accounting - 1	4	6
17	Environment Management and Human Rights	4	5
18	Financial Management	4	5
19	Optional - 3	4	5
20	Cost Accounting - 2	4	6
21	Advertisement and Sales Management	3	4
22	Auditing and Assurance	4	5
23	Management Accounting	4	5
24	Optional - 4	4	5
25	**Project and Viva**	1	-
	TOTAL	89	

Details of Optional Courses

Sl No	Course Name	Credit	Hours per week
	FINANCE AND TAXATION		
1	Goods and Services Tax	4	5
2	Financial Services	4	5
3	Income Tax- I	4	5
4	Income Tax - II	4	5
	COMPUTER APPLICATIONS		
1	Information Technology for Business	4	5
2	Information Technology for Office	4	5
3	Computerized Accounting	4	5
4	Software for Business and Research	4	5

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	CO-OPERATION		
1	Basics of Co-operation	4	5
2	Management of Co-operative Enterprises	4	5
3	Co-operative Legal System	4	5
4	Accounting for Co-operative Societies	4	5
	TRAVEL AND TOURISM		
1	Fundamentals of Tourism	4	5
2	Travel and Tourism Infrastructure	4	5
3	Hospitality Management	4	5
4	Tourism and Cultural Heritage of India	4	5
	MARKETING		
1	Customer Relationship Management	4	5
2	Services Marketing	4	5
3	Marketing Research	4	5
4	International Marketing	4	5

OPEN COURSES OFFERED

Sl No	Course Name	Credit	Hours per week
1	CO5OP01- Fundamentals of Banking and Insurance	3	4
2	CO5OP02- Capital Market and Investment Management	3	4
3	CO5OP03- Fundamentals of Accounting	3	4
	TOTAL	**3**	

Semester-wise details

Semester- 1

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	4
3	CO1CRT01	Dimensions and Methodology of Business Studies	2	3
4	CO1CRT02	Financial Accounting I	4	5
5	CO1CRT03	Corporate Regulations and Administration	3	4
6	CO1CMT01	Banking and Insurance	3	4
		TOTAL	**20**	**25**

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Semester- 2

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-1	4	4
3	CO2CRT04	Financial Accounting II	4	5
4	CO2CRT05	Business Regulatory Framework	3	4
5	CO2CRT06	Business Management	3	3
6	CO2CMT02	Principles of Business Decisions	3	4
		TOTAL	**21**	**25**

Semester 3

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	3
2	CO3CRT07	Corporate Accounts I	4	5
3	CO3CRT08	Quantitative Techniques for Business- 1	4	5
4	CO3CRT09	Financial Markets and Operations	3	4
5	CO3CRT10	Marketing Management	3	3
6		Optional - 1		
	CO3OCT01	Finance and Taxation-Goods and Services Tax	4	5
	CO3OCT02	Computer Application-Information Technology for Business (Theory)	3	3
	CO3OCP01	Computer Application-Information Technology for Business (Practical)	1	2
	CO3OCT03	Co-operation-Basics of Co-operation	4	5
	CO3OCT04	Travel and Tourism -Fundamentals of Tourism	4	5
	CO3OCT05	Marketing-Customer Relationship Management	4	5
		TOTAL	**21**	**25**

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Semester- 4

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO1CRT01	Language- English-I	3	3
2	CO4CRT11	Corporate Accounts II	4	6
3	CO4CRT12	Quantitative Techniques for Business- II	4	6
4	CO4CRT13	Entrepreneurship Development and Project Management	4	5
5	CO4	Optional - 2 -	4	5
	CO4OCT01	Finance and Taxation- Financial Services	4	5
	CO4OCT02	Computer Application- Information Technology for Office (Theory)	3	3
	CO4OCP01	Computer Application- Information Technology for Office (Practical)	1	2
	CO4OCT03	Co-operation- Management of Co-operative Enterprises	4	5
	CO4OCT04	Travel and Tourism- Travel and Tourism Infrastructure	4	5
	CO4OCT05	Marketing- Services Marketing	4	5
		TOTAL	**19**	**25**

Semester- 5

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO5CRT14	Cost Accounting - 1	4	6
2	CO5CRT15	Environment and Human Rights	4	5
3	CO5CRT16	Financial Management	4	5
4		Optional - 3		
	CO5OCT01	Finance and Taxation- Income Tax- 1	4	5
	CO5OCT02	Computer Application- Computerised Accounting(Theory)	3	3
	CO5OCP01	Computer Application- Computerised Accounting (Practical)	1	2
	CO5OCT03	Co-operation- Co-operative Legal System	4	5
	CO5OCT04	Travel and Tourism- Hospitality Management	4	5
	CO5OCT05	Marketing- Marketing Research	4	5

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5		Open Course	3	4
		TOTAL	**19**	**25**

Semester- 6

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO6CRT17	Cost Accounting - 2	4	6
2	CO6CRT18	Advertisement and Sales Management	3	4
3	CO6CRT19	Auditing and Assurance	4	5
4	CO6CRT20	Management Accounting	4	5
5	CO6OCT	Optional - 4	4	5
	CO6OCT01	Finance and Taxation- Income Tax- II	4	5
	CO6OCT02	Computer Application- Software for Business and Research (Theory)	3	3
	CO6OCP01	Computer Application- Software for Business and Research(Practical)	1	2
	CO6OCT03	Co-operation- Co-operative Legal System	4	5
	CO6OCT04	Travel and Tourism- Tourism and Cultural Heritage of India	4	5
	CO6OCT05	Marketing- International Marketing	4	5
6	CO6PR01	Project and Viva	1	-
		TOTAL	**20**	**25**

SEMESTER 1

Core Course -1: DIMENSIONS AND METHODOLOGY OF BUSINESS STUDIES

Instructional Hours: 54   **Credit: 2**

Objectives
- *To understand business and its role in society*
- *To have an understanding of Business ethics and CSR*
- *To comprehend the business environment and various dimensions*
- *To familiarise Technology integration in business*
- *To introduce the importance and fundamentals of business research*

Module 1
Business and Environment Business- Functions - Scope - Significance of business - Objectives of business - Business and development - Forms of business organisations- Stake holders of business-

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The Cochin College

Guidelines for Practical Examinations , Project and Viva and Industrial Visit/Study Tour

Practical Examination

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Project Report

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The report of the project in duplicate is to be submitted in English with not less than 30 pages (Printed in A4 size paper) to the Department at the sixth semester and are to be produced before the examiners appointed by the University.

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Structure of the Report

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Components of External Evaluation of Project / Dissertation (External)	Marks 50
Relevance of Topic	10
Statement of Objectives	5
Methodology	10
Presentation of Facts and Figures	5
Quality of Analysis and Findings	15
Bibliography	5
Viva-Voce (External) -	30
Total	80

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Components for Internal Evaluation of Project (20 marks)

Punctuality	5
Experimentation/Data Collection	5
Knowledge(Based on individual assessment)	5
Report	5
Total	20

Industrial Visit /Study Tour

An industrial visit cum tour for three to five days form part of the course of study for regular students during the programme and a report of the same shall be prepared and submitted to the department.

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Mrudula Menon V.
Principal-in-Charge
The Cochin College

Examination : *	SIXTH SEMESTER CBCS EXAMINATION MARCH 2024	◇
PRN : *	2100210716	

Get Result

Result

Permanent Register Number : : **210021071698**
Name of Student: : **ARUN G. RAO**
Programme: : **B.Com Model I Finance & Taxation(Revised)**
Exam Centre: : **The Cochin College, Cochin**

Course Code	Course	Credit	EXTERNAL		INTERNAL		Total	MAX	Grade	GP	CP	Result
			ESA	MAX	ISA	MAX						
CO6CRT17	Cost Accounting - 2	4	80	80	20	20	100	100	S	10	40	Passed
CO6CRT18	Advertisement and Sales Management	3	77	80	20	20	97	100	S	10	30	Passed
CO6CRT19	Auditing and Assurance	4	77	80	20	20	97	100	S	10	40	Passed
CO6CRT20	Management Accounting	4	78	80	20	20	98	100	S	10	40	Passed
CO6OCT01	Income Tax- II	4	77	80	20	20	97	100	S	10	40	Passed
CO6PRT01	Project and Viva	1	80	80	20	20	100	100	S	10	10	Passed
SEMESTER RESULT		20	SCPA: 10.00				589	600	S		200	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	20	10.00	S	P	June 2022
SEMESTER II	21	9.48	A+	P	October 2022
SEMESTER III	21	9.67	S	P	January 2023
SEMESTER IV	19	9.63	S	P	May 2023
SEMESTER V	19	9.79	S	P	October 2023
SEMESTER VI	20	10.00	S	P	March 2024

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
3261	3400	9.76	1171	120	S	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	357	400	9.29	14	A+
Common Course II : French	190	200	9.50	8	S
Core Course : Commerce; Optional: Finance and Taxation	2418	2500	9.83	89	S
Complementary Course : Commerce	199	200	10.00	6	S
Open Course : Fundamentals of Economics	97	100	10.00	3	S

Mrudula Menon V.
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Phone: **0484 2224954, 2226449**

THE COCHIN COLLEGE

KOCHI - 682 002

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Website: **www.thecochincollege.edu.in**

email: **email@thecochincollege.edu.in**

11   BCom Finance and Taxation SF- Syllabus

Mrudula Menon V.
Principal-in-Charge
The Cochin College

RESTRUCTURED CURRICULUM AND SYLLABI FOR THE B.COM DEGREE PROGRAMME (MODEL I) UNDER THE CHOICE BASED CREDIT AND SEMESTER SYSTEM

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS P O
KOTTAYAM, KERALA

2017

(Effective from 2017-18 admissions)

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ACKNOWLEDGEMENT

There are many pro-active, sapient people whose relentless support and guidance made this syllabus restructuring 2017 a success. I take this opportunity to express my sincere appreciation to all those who were part of this endeavour for restructuring the syllabus U G course in Commerce under Mahatma Gandhi University, Kottayam.

I express profound gratitude to the Honourable Vice-Chancellor, Pro-Vice Chancellor, Registrar, Members of the Syndicate and Academic Council for their sincere co-operation and guidance for completion of this work. My thanks and appreciation also goes to the members of Faculty of Commerce and Board of Studies for their untiring efforts. I also appreciate the efforts of members of University Academic Section and other staff. .

Furthermore, I would also like to acknowledge with much appreciation the crucial role of all teachers who participated in the workshops organised by the University for restructuring the syllabus. I also place on record my gratitude to all professionals, academicians and other stakeholders who gave valuable suggestions in this regard.

Dean- Faculty of Commerce
Mahatma Gandhi University
Kottayam

Mrudula Menon V.
Principal-in-Charge
The Cochin College

THE COCHIN COLLEGE

KOCHI - 682 002

(Affiliated to Mahatma Gandhi University and Accredited by NAAC)

Website: www.thecochincollege.edu.in   email: email@thecochincollege.edu.in

Courses and Duration of Examinations

Total credits: **120**
Semesters- 6
Working Days per Semester: **90**
Working Hours per Semester: **450**
Examination- External Evaluation: 80% and Internal evaluation- 20%

MODEL-I

B.Com Degree Programme Model-I Course Structure

Common Courses

Sl No	Course Name	Credit	Hours per week
1	Language- English-I	4	5
2	Second Language-I	4	4
3	Language- English-II	4	5
4	Second Language-II	4	4
5	Language- English- III	3	3
6	Language- English -IV	3	3
	TOTAL – Common Course 1 – 14 credits and Common Course 2- 8 credits	**22**	**-**

Complementary Courses

Sl No	Course Name	Credit	Hours per week
1	Banking and Insurance	3	4
2	Principles of Business Decisions	3	4
	TOTAL	**6**	

Core Courses

Sl No	Course Name	Credit	Hours per week
1	Dimensions and Methodology of Business Studies	**2**	**3**

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2	Financial Accounting I	4	5
3	Corporate Regulations and Administration	3	4
4	Financial Accounting II	4	5
5	Business Regulatory Framework	3	4
6	Business Management	3	3
7	Corporate Accounts I	4	5
8	Quantitative Techniques for Business- 1	4	5
9	Financial Markets and Operations	3	4
10	Marketing Management	3	3
11	Optional - 1	4	5
12	Corporate Accounts II	4	6
13	Quantitative Techniques for Business- II	4	6
14	Entrepreneurship Development and Project Management	4	5
15	Optional - 2 -	4	5
16	Cost Accounting - 1	4	6
17	Environment Management and Human Rights	4	5
18	Financial Management	4	5
19	Optional - 3	4	5
20	Cost Accounting - 2	4	6
21	Advertisement and Sales Management	3	4
22	Auditing and Assurance	4	5
23	Management Accounting	4	5
24	Optional - 4	4	5
25	**Project and Viva**	1	-
	TOTAL	**89**	

Details of Optional Courses

Sl No	Course Name	Credit	Hours per week
	FINANCE AND TAXATION		
1	Goods and Services Tax	4	5
2	Financial Services	4	5
3	Income Tax- I	4	5
4	Income Tax - II	4	5
	COMPUTER APPLICATIONS		
1	Information Technology for Business	4	5
2	Information Technology for Office	4	5
3	Computerized Accounting	4	5

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4	Software for Business and Research	4	5

	CO-OPERATION		
1	Basics of Co-operation	4	5
2	Management of Co-operative Enterprises	4	5
3	Co-operative Legal System	4	5
4	Accounting for Co-operative Societies	4	5
	TRAVEL AND TOURISM		
1	Fundamentals of Tourism	4	5
2	Travel and Tourism Infrastructure	4	5
3	Hospitality Management	4	5
4	Tourism and Cultural Heritage of India	4	5
	MARKETING		
1	Customer Relationship Management	4	5
2	Services Marketing	4	5
3	Marketing Research	4	5
4	International Marketing	4	5

OPEN COURSES OFFERED

Sl No	Course Name	Credit	Hours per week
1	**CO5OP01**- Fundamentals of Banking and Insurance	3	4
2	**CO5OP02**- Capital Market and Investment Management	3	4
3	**CO5OP03**- Fundamentals of Accounting	3	4
	TOTAL	**3**	

Semester-wise details

Semester- 1

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	4
3	CO1CRT01	Dimensions and Methodology of Business Studies	**2**	**3**
4	CO1CRT02	Financial Accounting I	**4**	**5**
5	CO1CRT03	Corporate Regulations and Administration	**3**	**4**
6	CO1CMT01	Banking and Insurance	3	4
		TOTAL	**20**	**25**

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Semester- 2

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	4
3	CO2CRT04	Financial Accounting II	4	5
4	CO2CRT05	Business Regulatory Framework	3	4
5	CO2CRT06	Business Management	3	3
6	CO2CMT02	Principles of Business Decisions	3	4
		TOTAL	**21**	**25**

Semester 3

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	3
2	CO3CRT07	Corporate Accounts I	4	5
3	CO3CRT08	Quantitative Techniques for Business- 1	4	5
4	CO3CRT09	Financial Markets and Operations	3	4
5	CO3CRT10	Marketing Management	3	3
6		Optional - 1		
	CO3OCT01	Finance and Taxation-Goods and Services Tax	4	5
	CO3OCT02	Computer Application- Information Technology for Business (Theory)	3	3
		Information Technology for Business (Practical)- *Exam in semester 4 only*	-	2
	CO3OCT03	Co-operation- Basics of Co-operation	4	5
	CO3OCT04	Travel and Tourism - Fundamentals of Tourism	4	5
	CO3OCT05	Marketing- Customer Relationship Management	4	5
		TOTAL for streams other than Computer Applications	**21**	**25**
		TOTAL for Computer Application Stream	**20**	**25**

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Semester- 4

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	3
2	CO4CRT11	Corporate Accounts II	4	6
3	CO4CRT12	Quantitative Techniques for Business- II	4	6
4	CO4CRT13	Entrepreneurship Development and Project Management	4	5
5	CO4	Optional - 2 -	4	5
	CO4OCT01	Finance and Taxation- Financial Services	4	5
	CO4OCT02	Computer Application- Information Technology for Office (Theory)	3	3
		Information Technology for Office (Practical)	-	2
	CO34OCP01	*Computer Application* *Practical Examination* for Information Technology for Office and Information technology for Business	2	NA
	CO4OCT03	Co-operation- Management of Co-operative Enterprises	4	5
	CO4OCT04	Travel and Tourism- Travel and Tourism Infrastructure	4	5
	CO4OCT05	Marketing- Services Marketing	4	5
		TOTAL for streams other than Computer Application	19	25
		TOTAL for Computer Application Stream	20	25

Semester- 5

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO5CRT14	Cost Accounting - 1	4	6
2	CO5CRT15	Environment Management and Human Rights	4	5
3	CO5CRT16	Financial Management	4	5
4		Optional - 3		
	CO5OCT01	Finance and Taxation- Income Tax- I	4	5
	CO5OCT02	Computer Application-	3	3

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		Computerised Accounting(Theory)		
		Computerised Accounting (Practical)- **Examination in 6th Semester only**	-	2
	CO5OCT03	Co-operation- Co-operative Legal System	4	5
	CO5OCT04	Travel and Tourism- Hospitality Management	4	5
	CO5OCT05	Marketing- Marketing Research	4	5
5		Open Course	3	4
		TOTAL for streams other than Computer Application	19	25
		TOTAL for Computer Application stream	18	25

Semester- 6

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO6CRT17	Cost Accounting - 2	4	6
2	CO6CRT18	Advertisement and Sales Management	3	4
3	CO6CRT19	Auditing and Assurance	4	5
4	CO6CRT20	Management Accounting	4	5
5	CO6OCT	Optional - 4	4	5
	CO6OCT01	Finance and Taxation- Income Tax- II	4	5
	CO6OCT02	Computer Application- Software for Business and Research (Theory)	3	3
		Software for Business and Research(Practical)	-	2
	CO56OCP01	**Computer Application-** Practical Examination – Computerised Accounting and Software for Business and Research	2	NA
	CO6OCT03	Co-operation- Accounting for Co-operative Societies	4	5
	CO6OCT04	Travel and Tourism- Tourism and Cultural Heritage of India	4	5
	CO6OCT05	Marketing- International Marketing	4	5
6	CO6PR01	Project and Viva	1	-
		TOTAL for streams other than Computer Application	20	25
		TOTAL for Computer Application	21	25

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination : *	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023	⌄
PRN : *	200021078866	

Get Result

Result

Permanent Register Number: : 200021078866
Name of Student: : ALITTA ANTONY
Programme: : B.Com Model I Finance & Taxation (SF)(Revised)
Exam Centre: : The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
CO6CRT17	Cost Accounting - 2	4	54	80	20	20	74	100	B+	7	28	Passed
CO6CRT18	Advertisement and Sales Management	3	63	80	20	20	83	100	A	8	24	Passed
CO6CRT19	Auditing and Assurance	4	55	80	20	20	75	100	A	8	32	Passed
CO6CRT20	Management Accounting	4	72	80	20	20	92	100	A+	9	36	Passed
CO6OCT01	Income Tax- II	4	65	80	20	20	85	100	A+	9	36	Passed
CO6PRT01	Project and Viva	1	72	80	20	20	92	100	A+	9	9	Passed
	SEMESTER RESULT	20		SCPA: 8.25			501	600	A		165	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	20	8.00	A	P	September 2021
SEMESTER II	21	7.71	A	P	October 2022
SEMESTER III	21	7.62	A	P	March 2022
SEMESTER IV	19	8.37	A	P	August 2022
SEMESTER V	19	8.11	A	P	November 2022
SEMESTER VI	20	8.25	A	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2742	3400	8.00	960	120	A	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	328	400	8.14	14	A
Common Course II : Malayalam	174	200	8.50	8	A+
Core Course : Commerce; Optional: Finance and Taxation	1979	2500	7.87	89	A
Complementary Course : Commerce	161	200	8.00	6	A
Open Course : Applicable Mathematics	100	100	10.00	3	S

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12   BCom CA- Syllabus

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RESTRUCTURED CURRICULUM AND SYLLABI FOR THE B.COM DEGREE PROGRAMME (MODEL II)UNDER THE CHOICE BASED CREDIT AND SEMESTER SYSTEM

MAHATMA GANDHI UNIVERSITY
PRIYADARSHINI HILLS P O
KOTTAYAM, KERALA

2017

(Effective from 2017-18 admissions)

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ACKNOWLEDGEMENT

There are many pro-active, sapient people whose relentless support and guidance made this syllabus restructuring 2017 a success. I take this opportunity to express my sincere appreciation to all those who were part of this endeavour for restructuring the syllabus U G course in Commerce under Mahatma Gandhi University, Kottayam.

I express profound gratitude to the Honourable Vice-Chancellor, Pro-Vice Chancellor, Registrar, Members of the Syndicate and Academic Council for their sincere co-operation and guidance for completion of this work. My thanks and appreciation also goes to the members of Faculty of Commerce and Board of Studies for their untiring efforts. I also appreciate the efforts of members of University Academic Section and other staff. .

Furthermore, I would also like to acknowledge with much appreciation the crucial role of all teachers who participated in the workshops organised by the University for restructuring the syllabus. I also place on record my gratitude to all professionals, academicians and other stakeholders who gave valuable suggestions in this regard.

Dean- Faculty of Commerce

Mahatma Gandhi University

Kottayam

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Courses and Duration of Examinations

Total credits: 120
Semesters- 6
Working Days per Semester: 90
Working Hours per Semester: 450
 Examination- External Evaluation: 80% and Internal evaluation- 20%

B.Com Degree Programme Model-II Course Structure

Common Courses

Sl No	Course Name	Credit	Hours per week
1	Language- English-I	4	5
2	Second Language-I	4	5
3	Language- English-II	4	5
4	Second Language-II	4	5
5	Language- English- III	3	5
6	Language- English -IV	3	5
	TOTAL	**22**	

Complementary Courses

Sl No	Course Name	Credit	Hours per week
1	Banking and Insurance	3	3
2	Principles of Business Decisions	3	3
3	Finance and Taxation-E- Commerce	4	5
	Computer Application- Programming in 'C' (Theory)	3	3
	Computer Application Programming in 'C' (Practical)	1(combined practical exam in even sem)	2
	Travel and Tourism E Commerce	4	5
	Marketing E Commerce	4	5
	Logistics Management- E Commerce	4	5

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4	Finance and Taxation-Income Tax- Assessment and Planning	**4**	**5**
	Computer Application-Database Management System	**3**	**3**
	Computer Application Database Management System (Practical)	**1(combined practical exam)**	**2**
	Travel and Tourism Tourism Environment and Ecology	**4**	**5**
	Marketing Consumer Behaviour	**4**	**5**
	Logistics Management- Consumer Behaviour	**4**	**5**
	TOTAL	**14**	

Core Courses

Sl No	Course Name	Credit	Hours per week
1	Dimensions and Methodology of Business Studies	**2**	**3**
2	Financial Accounting I	**4**	**5**
3	Corporate Regulations and Administration	**3**	**4**
4	Financial Accounting II	**4**	**5**
5	Business Regulatory Framework	**3**	**4**
6	Business Management	**3**	**3**
7	Corporate Accounts I	**4**	**4**
8	Quantitative Techniques for Business- 1	**4**	**4**
9	Financial Markets and Operations	**3**	**4**
10	Marketing Management	**3**	**3**
11	Optional - 1	**4**	**5**
12	Corporate Accounts II	**4**	**5**
13	Quantitative Techniques for Business- II	**4**	**5**
14	Entrepreneurship Development and Project Management	**4**	**5**
15	Optional - 2 -	**4**	**5**
16	Cost Accounting - 1	**4**	**6**
17	Environment Management and Human Rights	**4**	**5**
18	Optional - 3	**4**	**5**
19	Cost Accounting - 2	**4**	**6**
20	Advertisement and Sales Management	**3**	**4**
21	Management Accounting	**4**	**5**
22	Optional - 4	**4**	**5**

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23	Project and Viva		1	-
	TOTAL		**81**	

Details of Optional Courses

Sl No	Course Name	Credit	Hours per week
	FINANCE AND TAXATION		
1	Goods and Services Tax	4	5
2	Financial Services	4	5
3	Income Tax- I	4	5
4	Income Tax - II	4	5

	COMPUTER APPLICATIONS		
1	Information Technology for Business	4	5
2	Information Technology for Office	4	5
3	Computerized Accounting	4	5
4	Software for Business and Research	4	5
	TRAVEL AND TOURISM		
1	Fundamentals of Tourism	4	5
2	Travel and Tourism Infrastructure	4	5
3	Hospitality Management	4	5
4	Tourism and Cultural Heritage of India	4	5
	MARKETING		
1	Customer Relationship Management	4	5
2	Services Marketing	4	5
3	Marketing Research	4	5
4	International Marketing	4	5
	LOGISTICS MANAGEMENT		
1	Introduction to Logistics Management	4	5
2	Principles of Logistics Information	4	5
3	Air Cargo Logistics Management	4	5
4	Shipping and Ocean Freight Logistics Management	4	5

OPEN COURSES OFFERED

Sl No	Course Name	Credit	Hours per week
1	**CO5OP01**- Fundamentals of Banking and Insurance	3	4
2	**CO5OP02**- Capital Market and Investment Management	3	4
3	**CO5OP03**- Fundamentals of Accounting	3	4

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		TOTAL	3	

Semester-wise details
Semester- 1

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	5
3	CO1CRT01	Dimensions and Methodology of Business Studies	2	3
4	CO1CRT02	Financial Accounting I	4	5
5	CO1CRT03	Corporate Regulations and Administration	3	4
6	CO1CMT01	Banking and Insurance	3	3
		TOTAL	**20**	**25**

Semester- 2

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	4	5
2		Second Language-I	4	5
3	CO2CRT04	Financial Accounting II	4	5
4	CO2CRT05	Business Regulatory Framework	3	4
5	CO2CRT06	Business Management	3	3
6	CO2CMT02	Principles of Business Decisions	3	3
		TOTAL	**21**	**25**

Semester 3

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	5
2	CO3CRT07	Corporate Accounts I	4	4
3	CO3CRT08	Quantitative Techniques for Business- 1	4	4
4	CO3CRT09	Financial Markets and Operations	3	4
5	CO3CRT10	Marketing Management	3	3
6		Optional - 1		
	CO3OCT01	Finance and Taxation-Goods and Services Tax	4	5
	CO3OCT02	Computer Application-Information Technology for Business (Theory)	3	3

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		Information Technology for Business (Practical)- *Exam in semester 4 only*	-	2
	CO3OCT04	Travel and Tourism Fundamentals of Tourism	4	5
	CO3OCT05	Marketing Customer Relationship Management	4	5
	CO3OCT06	Logistics Management 1Introduction to Logistics Management	4	5
		TOTAL for streams other than Computer Applications	**21**	**25**
		TOTAL for Computer Application Stream	**20**	**25**

Semester- 4

Sl No	Course Code	Course Name	Credit	Hours per week
1		Language- English-I	3	5
2	CO4CRT11	Corporate Accounts II	4	5
3	CO4CRT12	Quantitative Techniques for Business- II	4	5
4	CO4CRT13	Entrepreneurship Development and Project Management	4	5
5		Optional - 2 -	4	5
	CO4OCT01	Finance and Taxation- Financial Services	4	5
	CO4OCT02	Computer Application- Information Technology for Office (Theory)	3	3
		Information Technology for Office (Practical)	-	2
	CO34OCP01	*Computer Application* *Practical Examination* for Information Technology for Office and Information technology for Business	2	NA
	CO4OCT04	Travel and Tourism Travel and Tourism Infrastructure	4	5
	CO4OCT05	Marketing Services Marketing	4	5
	C04OCT06	Logistics Management Principles of Logistics Information	4	5
		TOTAL for streams other than Computer Application	**19**	**25**
		TOTAL for Computer Application Stream	**20**	**25**

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Semester- 5

Sl No	Course Code	Course Name	Credit	Hours per week
1	CO5CRT14	Cost Accounting - 1	**4**	**6**
2	CO5CRT15	Environment Management and Human Rights	**4**	**5**
3	CO5CMT07	Complementary Course Finance and Taxation- E- Commerce	**4**	**5**
	CO5CMT08	Computer Application- Programming in 'C' (Theory)	**3**	**3**
		Programming in 'C' (Practical)- *Examination in sem 6 only*	**-**	**2**
	CO5CMT07	Travel and Tourism E Commerce	**4**	**5**
	CO5CMT07	Marketing E Commerce	**4**	**5**
	CO5CMT07	Logistics Management- E Commerce	**4**	**5**
4		Optional - 3		
	CO5OCT01	Finance and Taxation- Income Tax- I	**4**	**5**
	CO5OCT02	Computer Application- Computerised Accounting(Theory)	**3**	**3**
		Computerised Accounting (Practical)- **Examination in 6th Semester only**	**-**	**2**
	CO5OCT04	Travel and Tourism Hospitality Management	**4**	**5**
	CO5OCT05	Marketing Marketing Research	**4**	**5**
	CO5OCT06	Logistics Management Air Cargo Logistics Management	**4**	**5**
5		Open Course	**3**	**4**
		TOTAL for streams other than Computer Application	**19**	**25**
		TOTAL for Computer Application stream	**17**	**25**

Semester- 6

Sl No	Course Code	Course Name	Credit	Hours per week

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1	CO6CRT17	Cost Accounting - 2	**4**	**6**
2	CO6CRT18	Advertisement and Sales Management	**3**	**4**
3	CO6CMT09	Complementary Course Finance and Taxation Income Tax- Assessment and Planning	**4**	**5**
	CO6CMT10	Computer Application- Database Management System	**3**	**3**
		Database Management System (Practical)	**-**	**2**
	CO56CMP01	*Computer Application* *Practical Examination* for Programming in C and Data Base Management System	**2**	**NA**
	CO6CMT11	Travel and Tourism Tourism Environment and Ecology	**4**	**5**
	CO6CMT12	Marketing Consumer Behaviour	**4**	**5**
	CO6CMT12	Logistics Management- Consumer Behaviour	**4**	**5**
4	CO6CRT20	Management Accounting	**4**	**5**
5	CO6OCT	Optional - 4	**4**	**5**
	CO6OCT01	Finance and Taxation- Income Tax- II	**4**	**5**
	CO6OCT02	Computer Application- Software for Business and Research (Theory)	**3**	**3**
		Software for Business and Research(Practical)	**-**	**2**
	CO56OCP01	**Computer Application-** Practical Examination – Computerised Accounting and Software for Business and Research	**2**	**NA**
	CO6OCT04	Travel and Tourism Tourism and Cultural Heritage of India	**4**	**5**
	CO6OCT05	Marketing International Marketing	**4**	**5**
	CO6OCT06	Logistics Management Shipping and Ocean Freight Logistics Management	**4**	**5**
6	**CO6PR01**	**Project and Viva**	**1**	**-**
		TOTAL for streams other than Computer Application	**20**	**25**
		TOTAL for Computer Application Stream	**22**	**25**

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Guidelines for Practical Examinations , Project and Viva and

Industrial Visit/Study Tour

Practical Examination

Practical examinations will be conducted only at the end of even semesters.

Project Report

All students are to do a **project in the area of core course.**

This project can be done individually or in groups (not more than five students) which may be carried out in or outside the campus.

The report of the project in duplicate is to be submitted in English with not less than 30 pages (Printed in A4 size paper) to the Department at the sixth semester and are to be produced before the examiners appointed by the University.

External Project Evaluation and Viva / Presentation are compulsory and will be conducted at the end of the Programme.

Structure of the Report

- Title Page

- Declaration by the student

- Certificate from the guide

- Acknowledgements

- Contents

- Chapter I: Introduction (Research problem, Objectives of the study, methodology etc)

- Chapter II: Review of Literature/Conceptual Framework

- Chapter III: Data Analysis

- Chapter IV: Summary /findings/ Recommendations

- Appendix (Questionnaire, Specimen copies of forms, other exhibits etc).

- Bibliography

Evaluation of the Project Report.

The project report shall be subject to **Internal and External Evaluation** followed by a **Viva-voce**.

- Internal Evaluation is to be done by the supervising teacher and external evaluation by an examiner appointed by the University and the Head of the Department or his nominee.

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- A viva voce related to the project work will also be conducted by the external evaluation board consisting of an examiner appointed by the University as chairman and the Head of the Department or his nominee as member. The students have to attend the viva voce individually. Grades are to be awarded to the students combining the internal evaluation, external evaluation and viva voce.

Components of External Evaluation
of Project /   **Marks**
Dissertation (External)   **50**

Relevance of Topic	10
Statement of Objectives	5
Methodology	10
Presentation of Facts and Figures	5
Quality of Analysis and Findings	15
Bibliography	5
Viva-Voce (External) -	**30**
Total	**80**

Components for Internal Evaluation of Project (20 marks)

Punctuality	5
Experimentation/Data Collection	5
Knowledge(Based on individual assessment)	5
Report	5
Total	**20**

Industrial Visit /Study Tour

An industrial visit cum tour for three to five days form part of the course of study for regular students during the programme and a report of the same shall be prepared and submitted to the department.
Note

Only Commerce Teachers whose appointments are approved by the University and Commerce Teachers of Government Colleges should be entrusted with the setting of Question Papers, Valuation of Answer Scripts of Common, Core, Complementary, Open and Choice Based Core elective Courses and the conduct of Practical Examinations

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

Examination	:*	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023 ⌄
PRN	:*	200021052452

Get Result

Result

Permanent Register Number:	:	200021052452
Name of Student:	:	SREELAKSHMI K V
Programme:	:	B.Com Model II Computer Applications(Revised)
Exam Centre:	:	The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
CO6CRT17	Cost Accounting - 2	4	60	80	16	20	76	100	A	8	32	Passed
CO6CRT18	Advertisement and Sales Management	3	48	80	16	20	64	100	B	6	18	Passed
CO6CRT20	Management Accounting	4	70	80	16	20	86	100	A+	9	36	Passed
CO6CMP01	Programming in C and Data Base Management System (Practical)	2	35	40	8	10	43	50	A+	9	18	Passed
CO6CMT10	Database Management System	3	55	60	11	15	66	75	A+	9	27	Passed
CO6OCP01	Computerised Accounting and Software for Business and Research (Practical)	2	35	40	8	10	43	50	A+	9	18	Passed
CO6OCT02	Software for Business and Research (Theory)	3	50	60	11	15	61	75	A	8	24	Passed
CO6PRT01	Project and Viva	1	75	80	12	20	87	100	A+	9	9	Passed
	SEMESTER RESULT	22	SCPA: 8.27				526	650	A		182	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	20	7.95	A	P	September 2021
SEMESTER II	21	7.76	A	P	December 2021
SEMESTER III	20	7.85	A	P	March 2022
SEMESTER IV	20	8.70	A+	P	August 2022
SEMESTER V	17	7.82	A	P	November 2022
SEMESTER VI	22	8.27	A	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2684	3400	8.07	968	120	A	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	300	400	7.64	14	A
Common Course II : Malayalam	142	200	7.50	8	A
Core Course : Commerce; Optional: Computer Applications	1832	2300	8.11	81	A
Complementary Course : Commerce	322	400	8.36	14	A
Open Course : Brand Management	88	100	9.00	3	A+

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13   BA Economics- Syllabus

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Revised syllabi of UG Programme in Economics w.e.f 2017 admissions

Detailed Distribution of Courses

Sem	Title of the Course	H	C	Distribution of M	
				In	**Exte**
1	English 1				4
	English Common 1				4
	Second Language 1				4
	Perspectives &Methodology of Economics				4
	Complementary 1				4
2	English 2				4
	English Common 2				4
	Second Language 2				4
	Micro Economic Analysis-I				4
	Complementary 2				4
3	English 3				4
	Second Language common 1				4
	Micro Economic Analysis -II				4
	Economics of Growth and Development				4
	Complementary 3				4
4	English 4				4
	Second language Common 2				4
	Macro Economics-I				4
	Public Economics				4
	Complementary 4				4
5	Quantitative Techniques				4
	Macro Economics-II				4
	Open course**				4
	Environmental Economics				4
	Introductory econometrics				4
6	Quantitative Methods				4
	International economics				4
	Choice-based course**				4
	Money &financial Markets				4
	Indian Economy				4
	Project*				4
	Total				4

*   Project internal and external evaluation should be done only in the 6th semester.

**   One course to be selected from the list of Open Courses for semester V & One course from the list of Choice Based Electives for Semester VI. It is common to Model II & III.

Revised syllabi of UG Programme in Economics w.e.f 2017 admissions

B.A. Economics Programme– Model - I
Core, Complementary, Open and Choice-Based
Courses

	Core Paper	Course C	I			Total m 10
	Perspectives and Methodology of Economics	EC1CR1				
	Complementary	EC1CM1				
	Core 2- Micro Economic Analys	EC2CR1				
	Complementa	EC2CM1				
	Core 3- Micro Economic Analys	EC3CR1				
	Core 4-Economic Growth & Devel	EC3CR1				
	Complementary	EC3CM1				
	Core 5-Macro Economics-I	EC4CR1				
	Core 6-Public Economics	EC4CR1				
	Complementary4	EC4CM1				
	Core 7-Quantitat Techniques	EC5CR1				
	Core 8-Macro Economics-II	EC5CR1				
	Open course	EC5OPT0				
	Core9-Enviornm Economics	EC5CR1				
	Core10- Introduc Econometrics	EC5CR1				
	Core 11 –Quantit Methods	EC6CR1				
	Core 12-Internati Economics	EC6CR1				
	Choice based El	EC6CBT				
	Core-13 Money & Financial markets	EC6CR1				
	Core-14 Indian Economy	EC6CR1				
	Project	EC6PR				

Broad Title of Courses *T.H- Teaching Hours per week, Cr.-Credits, Int.-Internal Evaluation and Ext.-External Examination

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Revised syllabi of UG Programme in Economics w.e.f 2017 admissions

Distribution of Credits

Broad Title of Courses	No. of Courses	Credit
Common Cours	10	38
Core Courses	14	58
Choice Based (Course	1	3
Complementary Courses	4	16
Choice Based (	1	3
Project	1	2
Total	31	120

Total credits for core and complementary courses and project -   79

Total credit for Choice based Elective   3

Total Credit   **82**

List of Complementary Courses

The following Complementary courses are suggested with the option for choice (*two* **semester courses for each subject**)

1. History

2. Political Science

3. Psychology

4. Sociology

5. Mathematics

6. Mathematics for Economic Analysis

7. Logic

From among the above choices, Colleges can choose any *two* courses offered by the University without affecting the existing work load. Course code for the complementary courses to the first semester and second semester i.e. EC1CMT01 & EC2CMT02 and course code to the third semester and fourth semester i.e. EC3CMT01 & EC4CMT02.

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Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)

| Examination :* | SIXTH SEMESTER CBCS EXAMINATION MARCH 2023 ⌄ |
| PRN :* | 200021015515 |

Get Result

Result

Permanent Register Number: : **200021015515**
Name of Student: : **SHIYA THOMAS**
Programme: : **B.A Economics Model I**
Exam Centre: : **The Cochin College, Cochin**

Course Code	Course	Credit	EXTERNAL ESA	EXTERNAL MAX	INTERNAL ISA	INTERNAL MAX	Total	MAX	Grade	GP	CP	Result
EC6CRT11	Quantitative Methods	4	61	80	19	20	80	100	A	8	32	Passed
EC6CRT12	International Economics	4	63	80	19	20	82	100	A	8	32	Passed
EC6CRT13	Money and Financial Markets	4	57	80	19	20	76	100	A	8	32	Passed
EC6CRT14	Indian Economy	4	55	80	19	20	74	100	B+	7	28	Passed
EC6PRT01	Project	2	73	80	18	20	91	100	A+	9	18	Passed
EC6CBT02	Business Economics	3	52	80	19	20	71	100	B+	7	21	Passed
	SEMESTER RESULT	21			SCPA: 7.76		474	600	A		163	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	19	6.79	B+	P	September 2021
SEMESTER II	20	6.95	B+	P	December 2021
SEMESTER III	20	7.80	A	P	March 2022
SEMESTER IV	20	8.20	A	P	August 2022
SEMESTER V	20	7.05	B+	P	November 2022
SEMESTER VI	21	7.76	A	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2298	3100	7.43	892	120	B+	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	412	600	6.77	22	B+
Common Course II : Hindi	278	400	7.25	16	B+
Core Course : Economics	1228	1600	7.65	63	A
Complementary Course : History	142	200	7.00	8	B+
Complementary Course : Mathematics	169	200	8.50	8	A+
Open Course : Capital Market and Investment Management	69	100	7.00	3	B+

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14   BSc Maths- Syllabus

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B.Sc
MATHEMATICS
MODEL - II

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DEGREE MATHEMATICS PROGRAMME (UGCBCS 2017)
CURRICULUM FOR B.Sc MATHEMATICS Model II (Vocational)

Total Credits: 120
Total hours : 150

Semester I

No	Course Title	Hrs/Week	Credit
1	Common Course English 1	5	4
2	Common Course Sec. Lang 1	5	4
3	Mathematics Core Course – 1	4	3
4	Complementary Course 1	3	3
5	Vocational Course-1	4	4
6	Vocational Course-2 Software Lab:I-	4	3

Semester II

No	Course Title	Hrs/week	Credit
1	Common Course English 2	5	4
2	Common Course Sec. Lang 2	5	4
3	Mathematics Core Course- 2	4	3
4	Complementary Course 2	3	3
5	Vocational Course-3	4	4
6	Vocational Course-4 Software Lab:II	4	3

Semester III

No	Course Title	Hrs/week	Credit
1	Common Course English 3	5	4
2	Mathematics Core Course – 3	5	4
3	Complementary Course 3	3	3
4	Vocational Course-5	6	4
5	Vocational Course-6 Software Lab:III	6	4

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Semester IV

No	Course Title	Hrs/ week	Credit
1	Common Course English 4	5	4
2	Mathematics Core Course – 4	5	4
3	Complementary Course 4	3	3
4	Vocational Course- 7	6	4
5	Vocational Course -8 Software Lab IV Project	6	4

Semester V

No	Course Title	Hrs/ week	Credit
1	Mathematics Core Course – 5	6	4
2	Mathematics Core Course – 6	6	4
3	Mathematics Core Course – 7	5	4
4	Human Rights and Mathematics for Environmental studies	4	4
5	Open Course	4	3

Semester VI

No	Course Title	Hrs/ week	Credit
1	Mathematics Core Course – 9	5	4
2	Mathematics Core Course-10	6	4
3	Mathematics Core Course-11	5	4
4	Mathematics Core Course-12	5	4
5	Choice Based Course	4	3
6	Project	0	2

MATHEMATICS CORE COURSES

Semester	Title of the Course	Number Of hours	Total Credits	Total hours/ semester	University Exam Duration	Marks Internal	Marks External
I	MM1CRT01: Foundation of Mathematics	4	3	72	3 hrs	20	80
II	MM2CRT01: Analytic Geometry, Trigonometry and	4	3	72	3 hrs	20	80

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	Differential Calculus						
III	MM3CRT01: Calculus	5	4	90	3 hrs	20	80
IV	MM4CRT01: Vector Calculus, Theory of Numbers and Laplace transforms	5	4	90	3 hrs	20	80
V	MM5CRT01: Mathematical Analysis	6	4	108	3 hrs	20	80
	MM5CRT02: Differential Equations	6	4	108	3 hrs	20	80
	MM5CRT03: Abstract Algebra	5	4	90	3 hrs	20	80
	Human rights and Mathematics for Environmental Studies.	4	4	72	3 hrs	20	80
	Open course	4	3	72	3 hrs	20	80
VI	MM6CRT01 : Real Analysis	5	4	90	3 hrs	20	80
	MM6CRT02: Graph Theory and metric spaces	6	4	108	3 hrs	20	80
	MM6CRT03 : Complex Analysis	5	4	90	3 hrs	20	80
	MM6CRT04 : Linear Algebra	5	4	90	3 hrs	20	80
	Choice Based Course	4	4	72	3 hrs	20	80
	MM6PRT01 : Project	-	2	-	-	20	80

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OPEN COURSE DURING THE FIFTH SEMESTER

Title of the Course	No. of contact hrs/week	No. of Credit	Duration of Exam
MM5OPT01: History of Indian Mathematics	4	3	3 hrs
MM5OPT02: Applicable Mathematics	4	3	3 hrs
MM5GET03: Mathematical Economics	4	3	3 hrs

CHOICE BASED COURSE DURING THE SIXTH SEMESTER

Title of the Course	No. of contact hrs/week	No. of Credit	Duration of Exam
MM6CBT01: Operations Research	4	3	3 hrs
MM6CBT02:Basic Python Programming And Typesetting in LaTeX	4	3	3 hrs
MM6CBT03: Numerical Analysis	4	3	3 hrs

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Semester	Course	No. of hours per week		Durn. of Exam in hours	Maximum Mark			Credit
		Lecture	Lab.		Internal	External	Total	
1	CA1VOT01 : Computer Fundamentals	4	-	3	20	80	100	4
1	CA1VOP01Software Lab –I- Introduction to WEB Technologies		4	3	20	80	100	3
2	CA2VOT02 : Object Oriented Programming with C++	4	-	3	20	80	100	4
2	CA2VOP02 : Software Lab-II using C++	-	4	3	20	80	100	3
3	CA3VOT03 :Database Management Systems	6	-	3	20	80	100	4
3	CA3VOP03 :Software Lab -II using SQL	-	6	3	20	80	100	3
4	CA4VOT04:Operating System	6	-	3	20	80	100	4
4	CA4VOP04 : Software Lab – IV Project	-	6	3	20	80	100	3

Internal for all practical papers
All the four components of the internal assessment are mandatory.

Components Internal evaluation of Practical	Marks
Attendance	5
Test paper	5
Record*	5
Lab involvement	5
Total	**20**

*Marks awarded for Record should be related to number of experiments recorded and duly signed by the concerned teacher in charge.

Internal for Software Lab – IV Project

Component	Mark
Initial report (up to coding)	2
Mid Phase Evaluation	3
Lab involvement	5
Final Evaluation(demonstration with explanation, modification, viva)	7

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Report	3
Total	**20**

Semester - 1   **Computer Fundamentals**- hrs :4/week   , Credits: 4   , Total Marks - 80 marks

Semester - 1   **Software Lab –I- Introduction to WEB Technologies**
                                                                    hrs :4/week   , Credits: 3   , Total Marks - 80 marks

Semester- 2**Object Oriented Programming in C++**
                                                                    hrs :4/week   , Credits: 4   , Total Marks - 80 marks

Semester - 2   **Software Lab-II using C++**
                                                                    hrs :4/week   , Credits: 3   , Total Marks - 80 marks

Semester -3   **Database Management System**
                                                                    hrs :6/week   , Credits: 4   , Total Marks - 80 marks

Semester -3   **Software Lab -III using SQL**
                                                                    hrs :6/week   , Credits: 3   , Total Marks - 80 marks

Semester- 4**Operating Systems**
                                                                    hrs :6/week   , Credits: 4 , Total Marks - 80 marks

Semester -4   **Software Lab – IV Project**
                                                                    hrs :6/week   , Credits: 3   , Total Marks - 80 marks

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The Cochin College

**Mahatma Gandhi University CBCSS Exam Results
(Revised Scheme)**

Examination	:*	SIXTH SEMESTER CBCS EXAMINATION MARCH 2023	∨
PRN	:*	200021042950	

Get Result

Result

Permanent Register Number	:	200021042950
Name of Student	:	IYLIN SHAJU
Programme	:	B.Sc Mathematics Model II Computer Science
Exam Centre	:	The Cochin College, Cochin

Course Code	Course	Credit	EXTERNAL		INTERNAL		Total	MAX	Grade	GP	CP	Result
			ESA	MAX	ISA	MAX						
MM6CRT01	Real Analysis	4	57	80	19	20	76	100	A	8	32	Passed
MM6CRT02	Graph Theory and Metric Spaces	4	59	80	17	20	76	100	A	8	32	Passed
MM6CRT03	Complex Analysis	4	56	80	19	20	75	100	A	8	32	Passed
MM6CRT04	Linear Algebra	4	43	80	19	20	62	100	B	6	24	Passed
MM6PRT01	Project	2	80	80	20	20	100	100	S	10	20	Passed
MM6CBT03	Numerical Analysis	3	63	80	19	20	82	100	A	8	24	Passed
	SEMESTER RESULT	21	SCPA: 7.81				471	600	A		164	Passed

SEMESTER RESULTS

SEMESTER	CREDIT	SCPA	GRADE	RESULT	Month & Year of Pass
SEMESTER I	21	8.10	A	P	September 2021
SEMESTER II	21	8.14	A	P	December 2021
SEMESTER III	19	8.37	A	P	March 2022
SEMESTER IV	19	8.21	A	P	August 2022
SEMESTER V	19	8.05	A	P	November 2022
SEMESTER VI	21	7.81	A	P	March 2023

FINAL RESULT (CCPA)

Marks Awarded	Max Marks	CCPA	TOTAL CREDIT POINT	PROGRAMME CREDIT	GRADE	RESULT
2642	3300	8.11	973	120	A	P

PROGRAMME PART RESULTS

PART	Marks Awarded	Max.Marks	CCPA	Credits	Grade
Common Course I : English	302	400	7.75	16	A
Common Course II : Malayalam	142	200	7.00	8	B+
Core Course : Mathematics	1143	1400	8.22	51	A
Vocational Course : Computer Science	636	800	8.07	30	A
Complementary Course : Mathematics	352	400	9.25	12	A+
Open Course : Fundamentals of Accounting	67	100	7.00	3	B+

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15   Mahatma Gandhi University PG Regulations- 2019 Onwards

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MAHATMA GANDHI UNIVERSITY
Priyadarshini Hills P O
Kottayam, Kerala-686560

**REGULATIONS OF THE
POST GRADUATE PROGRAMMES
UNDER CREDIT SEMESTER SYSTEM, 2019
(MGU-PG-CSS2019)**

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A BRIEF REPORT ON THE RESTRUCTURING OF CURRICULUM AND SYLLABI OF PG CSS PROGRAMMES 2019

Mahatma Gandhi University, one of the topmost universities in India, the sanctum sanctorum of educational excellence has revised its curriculum and syllabi of PG CSS Programmes 2019. Last revison of syllabi of PG programmes was done in 2012. The revised syllabi for the post graduate programmes offered in affiliated colleges of the University will be implemented from the academic year 2019-2020. The Syndicate of the Mahatma Gandhi University entrusted the task of restructuring the syllabi to the Syllabus Revision Committee comprising of members of the Syndicate Sri. Praveen Kumar V.S. (Convenor), Dr. Pragash R., Dr. Aji C. Panicker, Dr. K. Krishnadas and Sri. Tomichan Joseph. Academic A IX Section was assigned to coordinate the process of restructuring of syllabi of PG Programmes.

The existing Boards of Studies in 14 disciplines and the newly constituted Expert Committees for the remaining 34 disciplines were directed to hold syullabus revision workshops to restructure the syllabi. Extensive guidelines for the conduct of workshops and the format for the new syllabi were also formulated and communicated on orders of the Professor in Charge of the Vice Chancellor.

Syllabus Revision Workshops were inaugurated by the Professor in Charge of the Vice Chancellor on 05.12.2018 at 11 am in the Assembly Hall in the presence of the members of the syndicate, Charipersons of Board of Studies/Expert Committees, teachers from affiliated colleges, resource persons, research scholars, PG Students and staff of the University. The workshop on PG Commerce was commenced in the afternoon. 48 workshops were conducted at various affiliated colleges, senate hall and seminar halls of the University. The wholehearted participation of the teachers, resource persons, students in the workshops were encouraging. The conduct of workshops were democratic and opinions/suggestions from all participants were put to detailed deliberations and discussions. The Chairpersons of Board of Studies and Expert Committee amassed suggestions from all corners of excellence to frame the syllabi. There were more than 2500 participants in the workshops. Detailed write-ups were published in newspapers giving vide coverage to the process of Syllabus revision among the public .

The first set of revised syllabi in Statistics and Islamic History were submitted on 15.05.2019 and was received by the Professor in Charge of the Vice Chancellor. On subsequent days, revised syllabi for all the other programs were received by the Ac.AIX section from the Chairpersons concerned. A task force was formed to thouroughly scruitinize the Course Code, Credit, Weightage, Workload distribution etc in tune with general guidelines issued earlier. The final syllabi after corrections proposed by the task force was submited to the Academic Council for approval on 27.05.2019. The Hon. Vice Chancellor, on 28.05.2019 approved the syllabi excercising powers conferred under Section 10 (17), Chapter 3 of the Mahathma Gandhi University Act, 1985. "The Mahatma Gandhi University Regulations Governing Post Graduate Programmes Under Credit Semester System, 2019" was submitted before the Syndicate and which approved the regulations.

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The revised syllabi and the "Mahatma Gandhi University Regulations Governing Post Graduate Programmes Under Credit Semester System, 2019." have since been uploaded in www.mgu.ac.in

PG CSS 2019 PROGRAMS: UNDER MAHATMA GANDHI UNIVERSITY PG CSS REGULATIONS 2019

Sl. No.	SUBJECT	PROGRAMME	DEGREE	BOS/EXPERT COMMITTEE	FACULTY
01.	Aquaculture	Applied Fisheries and Aquaculture	M.Sc	Expert Committee	Science
02.	Aquaculture	Aquaculture and Fish Processing	M.Sc	Expert Committee	Science
03.	Aquaculture	Fishery Biology and Aqua Culture	M.Sc	Expert Committee	Science
04.	Actuarial Science	Actuarial Science	M.Sc	Expert Committee	Science
05.	Arabic	Arabic	M.A.	Expert Committee	Language &Literature
06.	Biochemistry	Biochemistry	M.Sc	Expert Committee	Science
07.	Biotechnology	Bioinformatics	M.Sc	Expert Committee	Science
08.	Biotechnology	Biotechnology	M.Sc	Expert Committee	Science
09.	Bioscience	Plant Biotechnology	M.Sc	Expert Committee	Science
10.	Bioscience	Phytomedical Science&Tech.	M.Sc	Expert Committee	Science
11.	Bioscience	Molecular Biology &Genetic Engg.	M.Sc	Expert Committee	Science
12.	Education	Education	M.Ed	Expert Committee	Education
13.	Education	Special Education	M.Ed	Expert Committee	Behavioural Science
14.	Electronics	Electronics	M.Sc	Expert Committee	Science
15.	Electronics	Applied Electronics	M.Sc	Expert Committee	Science

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16.	Environmental Science	Environmental Science &Management	M.Sc	Expert Committee	Environment &Atmospheric Science
17.	Fashion Technology	Textiles and Fashion	M.Sc	Expert Committee	Science
18.	Geology	Geology	M.Sc	Expert Committee	Science
19.	Home Science	Child Development &Behavioural Science	M.Sc	Expert Committee	Science
20.	Home Science	Family &Community Science	M.Sc	Expert Committee	Science
21.	Home Science	Clinical Nutrition &Dietetics	M.Sc	Expert Committee	Science
22.	Islamic History	Islamic History	MA	Expert Committee	Social Sciences
23.	Law	LLM	LLM	Expert Committee	Law
24.	Library and Information Science	Library and Information Science	MLI Sc.	Expert Committee	Social Sciences
25.	Microbiology	Applied Microbiology	M.Sc	Expert Committee	Science
26.	Microbiology	Food and Industrial Microbiology	M.Sc	Expert Committee	Science
27.	Microbiology	Microbiology	M.Sc	Expert Committee	Science
28.	Multimedia	Animation	M.A.	Expert Committee	Social Sciences
29.	Multimedia	Cinema &Television	M.A.	Expert Committee	Social Sciences
30.	Multimeida	Cinematography	M.A.	Expert Committee	Social Sciences
31.	Multimedia	Graphic Design	M.A.	Expert Committee	Social Sciences
32.	Multimedia	Multimedia	M.A.	Expert Committee	Social Sciences
33.	Music	Mridangam	M.A.	Expert Committee	Fine Arts
34.	Music	Veena	M.A.	Expert Committee	Fine Arts
35.	Music	Violin	M.A.	Expert Committee	Fine Arts
36.	Music	Vocal	M.A.	Expert Committee	Fine Arts

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37.	Performing Arts	Bharatanatyam	M.A.	Expert Committee	Fine Arts
38.	Performing Arts	Kathakalivesham	M.A.	Expert Committee	Fine Arts
39.	Performing Arts	Kathakalisangeetham	M.A.	Expert Committee	Fine Arts
40.	Performing Arts	Mohiniyattam	M.A.	Expert Committee	Fine Arts
41.	Performing Arts	Chenda	M.A.	Expert Committee	Fine Arts
42.	Performing Arts	Maddalam	M.A.	Expert Committee	Fine Arts
43.	Philosophy	Philosophy	M.A.	Expert Committee	Humanities &Social Science
44.	Physical Education	Physical Education	M.P.Ed	Expert Committee	Education
45.	Psychology	Psychology	M,Sc	Expert Committee	Science
46.	Sanskrit	General	M.A.	Expert Committee	Language &Literature
47.	Sanskrit	Nyaya	M.A.	Expert Committee	Language &Literature
48.	Sanskrit	Sahitya	M.A.	Expert Committee	Language &Literature
49.	Sanskrit	Vedanta	M.A.	Expert Committee	Language &Literature
50.	Sanskrit	Vyakarana	M.A.	Expert Committee	Language &Literature
51.	Social Work	MSW	MSW	Expert Committee	Social Sciences
52.	Sociology	Sociology	M.A.	Expert Committee	Social Sciences
53.	Tamil	Tamil	M.A.	Expert Committee	Language &Literature
54.	Tourism	Tourism and Travel Management	MTTM	Expert Committee	Tourism &Hospitality Studies

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55.	Tourism	Hotel Management	MHM	Expert Committee	Tourism &Hospitality Studies
56.	Computer Engg. &Application	Computer Engg. &Networking Technology	M.Sc	Expert Committee	Science
57.	Computer Engg. &Application	OR &Computer Application	M.Sc	Expert Committee	Science
58.	Food Technology and Quality Assurance	Food Technology and Quality Assurance	M.Sc	Expert Committee	Science
59.	Business Administration	Business Administration	MBA	Expert Committee	Management Science
60.	Cyber Forensics	Cyber Forensics	M.Sc	Expert Committee	Technology &Applied Science
61.	Journalism &Mass Communication	Journalism and Mass Communication	M.A.	Expert Committee	Social Sciences
62.	Fine Arts	Painting	MFA	Expert Committee	Fine Arts
63.	Fine Arts	Sculpture	MFA	Expert Committee	Fine Arts
64.	Fine Arts	Applied Arts	MFA	Expert Committee	Fine Arts
		SYLLABI UNDER PG BOARD OF STUDIES			
65.	English	English	M.A.	Board of Studies	Language &Literature
66.	Malayalam	Malayalam	M.A.	Board of Studies	Language &Literature
67.	Hindi	Hindi	M.A.	Board of Studies	Language &Literature
68.	History	History	M.A.	Board of Studies	Social Sciences
69.	Economics	Economics	M.A.	Board of Studies	Social Sciences
70.	Mathematics	Mathematics	M.Sc	Board of Studies	Science

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71.	Physics	Physics	M.Sc	Board of Studies	Science
72.	Physics	Material Science	M.Sc	Board of Studies	Science
73.	Political Science	Political Science	M.A.	Board of Studies	Social Sciences
74.	Botany	Botany	M.Sc	Board of Studies	Science
75.	Zoology	Zoology	M.Sc	Board of Studies	Science
76.	Chemistry	Polymer Chemistry	M.Sc	Board of Studies	Science
77.	Chemistry	Chemistry	M.Sc	Board of Studies	Science
78.	Chemistry	Analytical Chemistry	M.Sc	Board of Studies	Science
79.	Chemistry	Pharmaceutical Chemistry	M.Sc	Board of Studies	Science
80.	Chemistry	Applied Chemistry	M.Sc	Board of Studies	Science
81.	Statistics	Statistics	M.Sc	Board of Studies	Science
82.	Statistics	Biostatistics	M.Sc	Board of Studies	Science
83.	Statistics	Applied Statistics	M.Sc	Board of Studies	Science
84.	Computer Application	Computer Science	M.Sc	Board of Studies	Science
85.	Computer Application	Information Technology	M.Sc	Board of Studies	Science
86.	Commerce	Finance and Taxation* Marketing and International Business* Management and Information Technology* (*Specialization)	M.Com	Board of Studies	Commerce

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71.	Physics	Physics	M.Sc	Board of Studies	Science
72.	Physics	Material Science	M.Sc	Board of Studies	Science
73.	Political Science	Political Science	M.A.	Board of Studies	Social Sciences
74.	Botany	Botany	M.Sc	Board of Studies	Science
75.	Zoology	Zoology	M.Sc	Board of Studies	Science
76.	Chemistry	Polymer Chemistry	M.Sc	Board of Studies	Science
77.	Chemistry	Chemistry	M.Sc	Board of Studies	Science
78.	Chemistry	Analytical Chemistry	M.Sc	Board of Studies	Science
79.	Chemistry	Pharmaceutical Chemistry	M.Sc	Board of Studies	Science
80.	Chemistry	Applied Chemistry	M.Sc	Board of Studies	Science
81.	Statistics	Statistics	M.Sc	Board of Studies	Science
82.	Statistics	Biostatistics	M.Sc	Board of Studies	Science
83.	Statistics	Applied Statistics	M.Sc	Board of Studies	Science
84.	Computer Application	Computer Science	M.Sc	Board of Studies	Science
85.	Computer Application	Information Technology	M.Sc	Board of Studies	Science
86.	Commerce	Finance and Taxation* Marketing and International Business* Management and Information Technology* (*Specialization)	M.Com	Board of Studies	Commerce

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REGULATIONS OF THE POST GRADUATE PROGRAMMES
UNDER CREDIT SEMESTER SYSTEM, 2019
(MGU-PG-CSS2019)

1.   SHORT TITLE

1.1.   These Regulations shall be called Mahatma Gandhi University Regulations(2019) governing Post Graduate Programmes under Credit Semester System
(MGU-PG-CSS2019)

1.2.   These Regulations shall come into force from the Academic Year 2019-2020.

2.   SCOPE

2.1.   The regulation provided herein shall apply to all Regular/Private Post-graduate programmes except Professional Courses, conducted in the affiliated colleges/Institutions, constituent centers of Mahatma Gandhi University with effect from the academic year 2019-2020 admission with suitable modifications for Private Study.

2.2.   The provisions herein supersede all the existing regulations for the regular post-graduate programmes conducted in the affiliated colleges of Mahatma Gandhi University and Private Study unless otherwise specified.

2.3.   The details of programmes offered under private mode shall be notified separately as the examinations of regular mode will be conducted on semester basis and the examinations of both semesters of private mode will be conducted at the end of the academic year.

3.   DEFINITIONS

3.1.   **Academic Committee'** means the Committee constituted by the Vice-Chancellor under this regulation to monitor the running of the Post-Graduate programmes under the Credit Semester System (MGU-PG-CSS2019).

3.2.   **Academic Week'** is a unit of five working days in which distribution of work is organized from day one to day five, with five contact hours of one hour duration on each day. A sequence of minimum of 18 such academic weeks constitute a semester.

2   MGU-PG-CSS2019

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3.3. **Audit Course'** is a course for which no credits are awarded.

3.4. **CE' means Continuous Evaluation (Internal Evaluation)**

3.5. **College Co-ordinator'** means a teacher from the college nominated by the College Council to look into the matters relating to MGU-PG-CSS 2019 for programmes conducted in the College.

3.6. **Comprehensive viva-voce'** means the oral examinations conducted by the appointed examiners and shall cover all courses of study undergone by a student for the programme.

3.7. **Common Course'** is a core course which is included in more than one programme with the same course code.

3.8. **Core course'** means a course which cannot be substituted by any other course.

3.9. **'Course'** means a segment of subject matter to be covered in a semester. Each Course is to be designed variously under lectures / tutorials / laboratory or fieldwork /seminar / project / practical training / assignments / viva-voce etc., to meet effective teaching and learning needs.

3.10. **'Course Code'** means a unique alpha numeric code assigned to each course of a programme.

3.11. **Course Credit'** One credit of the course is defined as a minimum of one hour lecture /minimum of 2 hours lab/field work per week for 18 weeks in a Semester. The course will be considered as completed only by conducting the final examination.'

3.12. **Course Teacher'** means the teacher of the institution in charge of the course offered in the programme.

3.13. **Credit (Cr)'** of a course is a numerical value which depicts the measure of the weekly unit of work assigned for that course in a semester.

3.14. **Credit point (CP)'** of a course is the value obtained by multiplying the grade point (GP) by the Credit (Cr) of the course **CP = GP x Cr.**

3.15. **Cumulative Grade point average' (CGPA)** is the value obtained by dividing the sum of credit points of all the courses taken by the student

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for the entire programme by the total number of credits and shall be rounded off to two decimal places. CGPA determines the overall performance of a student at the end of a programme.

(CGPA = Total CP obtained / Total credits of the programme)

3.16. **'Department'** means any teaching Department in the affiliated college / Institution offering a programme of study approved as per the Act / Statutes of the University.

3.17. **'Department Council'** means the body of all teachers of a Department in a College.

3.18. **'Dissertation'** means a long document on a particular subject in connection with the project /research/ field work etc.

3.19. **'Duration of Programme'** means the period of time required for the conduct of the programme. The duration of post-graduate programme shall be 4 semesters spread over two academic years.

3.20. **'Elective course'** means a course, which can be substituted, by an equivalent course from the same subject.

3.21. **'Elective Group'** means a group consisting of elective courses for the programme.

3.22. **'ESE' means End Semester Evaluation (External Evaluation).**

3.23. **'Evaluation'** is the process by which the knowledge acquired by the student is quantified as per the criteria detailed in these regulations.

3.24. **'External Examiner '** is the teacher appointed from other colleges for the valuation of courses of study undergone by the students in a College. The external examiner shall be appointed by the University.

3.25. **'Faculty Advisor'** is a teacher nominated by the Department Council to coordinate the continuous evaluation and other academic activities undertaken in the Department of the affiliated College / Institution.

3.26. **'Grace Grade Points'** means grade points awarded to course(s), in recognition of the students' meritorious achievements in NSS/ Sports/ Arts and cultural activities etc.

3.27. **'Grade point' (GP)-**Each letter grade is assigned a 'Grade point' (GP) which is an integer indicating the numerical equivalent of the broad level of performance of a student in a course.

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3.28. **'Grade Point Average (GPA)'** is an index of the performance of a student in a course. It is obtained by dividing the sum of the weighted grade points obtained in the course by the sum of the weights of the Course **(GPA = $\sum$ WGP / $\sum$ W).**

3.29. **'Improvement course'** is a course registered by a student for improving his performance in that particular course.

3.30. **'Internal Examiner'** is a teacher nominated by the department concerned to conduct Internal evaluation.

3.31**. 'Letter Grade' or 'Grade'** for a course is a letter symbol (A+,A,B+,B,C+,C,D) which indicates the broad level of performance of a student for a course.

3.32**. MGU-PG-CSS2019 means Mahatma Gandhi University Regulations Governing Post Graduate programmes under Credit Semester System, 2019.**

3.33. **'Parent Department'** means the Department which offers a particular post graduate programme.

3.34**. 'Plagiarism'** is the unreferenced use of other authors' material in dissertations and assignments and is a serious academic offence.

3.35**. 'Programme'** means the entire course of study and examinations.

3.36**. 'Project'** is a core course in a proramme. It means a regular project work with stated credits on which the student undergo a project under the supervision of a teacher in the parent department / any appropriate research center in order to submit a dissertation on the project work as specified. It allows students to work more autonomously to construct their own learning and culminates in realistic, student-generated products or findings.

3.37**. 'Repeat course'** is a course that is repeated by a student for having failed in that course in an earlier registration.

3.38**. 'Semester'** means a term consisting of a minimum of 90 working days, inclusive of examinations, distributed over a minimum of 18 weeks of 5 working days each.

3.39. **'Seminar'** means a lecture given by the student on a selected topic and is expected to train the student in self-study, collection of relevant matter from various resources, editing, document writing and presentation.

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3.40. **'Semester Grade Point Average' (SGPA)** is the value obtained by dividing the sum of credit points (CP) obtained by a student in the various courses taken in a semester by the total number of credits for the course in that semester. The SGPA shall be rounded off to two decimal places. SGPA determines the overall performance of a student at the end of a semester (**SGPA = Total CP obtained in the semester / Total Credits for the semester).**

3.41. **'Tutorial'** Tutorial means a class to provide an opportunity to interact with students at their individual level to identify the strength and weakness of individual students.

3.42. **'University'** means Mahatma Gandhi University, Kottayam, Kerala.

3.43. **'Weight'** is a numeric measure assigned to the assessment units of various components of a course of study.

3.44. **'Weighted Grade Point' (WGP)** is the grade point multiplied by weight.

   (WGP = GP x W).

3.45. **'Weighted Grade Point Average (WGPA)' is an index of the performance of a student in a course. It is obtained by dividing the sum of the weighted grade points by the sum of the weights. WGPA shall be obtained for CE(Continuous Evaluation) and ESE(End Semester Evaluation) separately and then the combined WGPA shall be obtained for each course.**

3.46. **Words and expressions** used and not defined in this regulation but defined in the Mahatma Gandhi University Act and Statutes shall have the meaning assigned to them in the Act and Statute.

3.   ACADEMIC COMMITTEE

4.1.   There shall be an Academic Committee constituted by the Vice-Chancellor to manage and monitor the working of MGU-PG-CSS2019.

4.2.   The Committee consists of

   (a) The Vice-Chancellor

   (b) The Pro-Vice-Chancellor

   (c) The Registrar

   (d) The Controller of Examinations

   (e) Two Teachers nominated from among the syndicate members

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4.3. There shall be a subcommittee nominated by the Vice Chancellor to look after the day-to-day affairs of the Mahatma Gandhi University Regulations for Post Graduate Programmes under MGU-PG-CSS2019.

4.   PROGRAMME STRUCTURE

5.1. Students shall be admitted to post graduate programme under the various faculties. The programme shall include three types of courses, Core Courses, Elective Courses and Common core courses. There shall be a project with dissertation and comprehensive viva-voce as core courses for all programmes. The programme shall also include assignments / seminars / practicals etc.

5.2. No regular student shall register for more than 25 credits and less than 16 credits per semester unless otherwise specified. The total minimum credits, required for completing a PG programme is 80. However for MPEd programme the total programme credit shall be in accordance with NCTE regulations and for MSW programme total programme credit shall be in accordance with the UGC model curriculum prescriptions and for MBA it shall be in accordance with AICTE regulations.

5.3.   Elective courses and Groups

5.3.1. There shall be at least two and not more than four elective groups(Group A, Group B, Group C, etc.) comprising of three courses each for a programme and these elective courses shall be included either in fourth semester or be distributed among third and fourth semesters. This clause is not applicable for MEd(Education and Special Education), MPEd, MFA, MSW, MBA and for programmes defined by the Expert Committees of Music and Performing Arts.

5.3.2. The number of elective courses assigned for study in a particular semester shall be the same across all elective groups for the programme concerned.

5.3.3. The colleges shall select any one of the elective groups for each programme as per the interest of the students, availability of faculty and academic infrastructure in the institution.

5.3.4. The selection of courses from different elective groups is not permitted.

5.3.5. The elective groups selected by the College shall be intimated to the Controller of Examinations within two weeks of commencement of the semester in which the elective courses are offered. The elective group

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selected by the college for the students who are admitted in a particular academic year shall not be changed.

5.4.   Project work

5.4.1.   Project work shall be completed in accordance with the guidelines given in the curriculum.

5.4.2.   Project work shall be carried out under the supervision of a teacher of the department concerned.

5.4.3.   A candidate may, however, in certain cases be permitted to work on the project in an Industrial/Research Organization on the recommendation of the supervising teacher.

5.4.4.   There shall be an internal assessment and external assessment for the project work.

5.4.5.   The Project work shall be evaluated based on the presentation of the project work done by the student, the dissertation submitted and the viva-voce on the project.

5.4.6.   The external evaluation of project work shall be conducted by two external examiners from different colleges and an internal examiner from the college concerned.

5.4.7.   The final Grade of the project (External) shall be calculated by taking the average of the Weighted Grade Points given by the two external examiners and the internal examiner.

5.4.8.   A separate course shall be included instead of the project for students undergoing private study.

5.5.   **Assignments:** Every college going student shall submit atleast one assignment as an internal component for each course.

5.6.   **Seminar Lecture**: Every college going student shall deliver one seminar lecture as an internal component for every course with a weightage of two. The seminar lecture is expected to train the student in self-study, collection of relevant matter from the various resources, editing, document writing, and presentation.

5.7.   **Test Papers(Internal)**:Every college going student shall undergo at least two class tests as an internal component for each course with a weightage of one each. The best two shall be taken for awarding the grade for class tests.

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5.8.   No courses shall have more than 5 credits unless otherwise specified.

5.9.   **Comprehensive Viva-Voce** -Comprehensive Viva-Voce shall be conducted at the end of fourth semester of the programme and its evaluation shall be conducted by the examiners of the project evaluation.

5.9.1. **Comprehensive Viva-Voce** shall cover questions from all courses in the programme.

5.9.2. There shall be an internal assessment and an external assessment for the comprehensive Viva-Voce.

5.9.3. Comprehensive Viva-Voce shall be included for students undergoing private study.

6.   ATTENDANCE

6.1.   The minimum requirement of aggregate attendance during a semester for appearing at the end-semester examination shall be 75%. Condonation of shortage of attendance to a maximum of 15 days in a semester subject to a maximum of two times during the whole period of the programme may be granted by the University.

6.2.   If a student represents his/her institution, University, State or Nation in Sports, NCC, or Cultural or any other officially sponsored activities such as college union / university union etc., he/she shall be eligible to claim the attendance for the actual number of days participated subject to a maximum 15 days in a Semester based on the specific recommendations of the Head of the Department or teacher concerned.

6.3.   Those who could not register for the examination of a particular semester due to shortage of attendance may repeat the semester along with junior batches, without considering sanctioned strength, subject to the existing University Rules and Clause 7.2.

6.4.   A Regular student who has undergone a programme of study under earlier regulation / Scheme and could not complete the Programme due to shortage of attendance may repeat the semester along with the regular batch subject to the condition that he has to undergo all the examinations of the previous semesters as per the MGU-PG-CSS2019 regulations and conditions specified in 6.3.

6.5.   A Regular student of Programmes without Practicals in MGU-PG-CSS2019 can switch over to Private registration under MGU-PG-CSS2019 regulations subject to Clause 7.2.

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6.6. A student who had sufficient attendance and could not register for fourth semester examination can appear for the end semester examination in the subsequent years with the attendance and progress report from the principal.

7. REGISTRATION / DURATION

7.1. A student shall be permitted to register for the programme at the time of admission.

7.2. A student who has registered for the programme shall complete the programme within a period of four years from the date of commencement of the programme.

7.3. Students are eligible to pursue studies for additional post graduate degree. They shall be eligible for award of degree only after successful completion of two years (four semesters of study) either as college going student or through private study.

8. ADMISSION

8.1. The admission to all regular PG programmes shall be through PG-CAP(Centralized Allotment Process) of the Mahatma Gandhi University unless otherwise specified.

8.2. The eligibility criteria for admission to PG Programmes shall be published by the University along with the notification for admission.

8.3. There shall be provision for inter collegiate transfer and inter University transfer from second semester onwards within a period of four weeks from the date of commencement of the semester.

8.4. Inter University transfer shall be considered only for the second semester. Such students shall have to appear for the first semester examination of the University in the next immediate chance.

8.5. There shall be provision for credit transfer subject to the conditions specified by the Board of Studies / Expert Committee concerned.

9. ADMISSION REQUIREMENTS

9.1 Candidates for admission to the first semester of the PG programme through CSS shall be required to have passed an appropriate Degree Examination of Mahatma Gandhi University as specified or any other examination of any recognized University or authority accepted by the Academic council of Mahatma Gandhi University as eligible thereto.

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9.2.   Students admitted under this programme are governed by the Regulations in force.

10.   PROMOTION:

10.1. A student who registers for a particular semester examination shall be promoted to the next semester.

10.2. A student having 75% attendance and who fails to register for examination of a particular semester will be allowed to register notionally and is promoted to the next semester, provided application for notional registration shall be submitted within 15 days from the commencement of the next semester.

10.3.   The medium of Instruction shall be English except programmes under faculty of Language and Literature.

11.   EXAMINATIONS

11.1. There shall be University examinations at the end of each semester.

11.2. Practical examinations shall be conducted by the University at the end of each semester or at the end of even semesters as prescribed in the syllabus of the particular programme. The number of examiners for the practical examinations shall be prescribed by the Board of Studies of the programmes.

11.3.   End-Semester Examinations: The examinations shall normally be conducted at the end of each semester for college going student. For private students examination for both semesters shall be conducted at the end of the academic year.

11.4.   There shall be one end-semester examination of 3 hours duration for each lecture based and practical courses.

11.5.   A question paper may contain short answer type/annotation, short essay type questions/problems and long essay type questions. Different types of questions shall have different weightage.

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12. EVALUATION AND GRADING

12.1. **Evaluation**: The evaluation scheme for each course shall contain two parts; (a) End Semester Evaluation(ESE) (External Evaluation) and (b) Continuous Evaluation(CE)(Internal Evaluation). 25% weightage shall be given to internal evaluation and the remaining 75% to external evaluation and the ratio and weightage between internal and external is **1:3.** Both End Semester Evaluation(ESE) and Continuous Evaluation(CE) shall be carried out using direct grading system.

12.2. Private students will have to answer an additional question paper with objective type questions as part of internal evaluation along with the external examinations within the prescribed time.

12.3. **Direct Grading: The direct grading for CE (Internal) and ESE(External Evaluation) shall be based on 6 letter grades (A+, A, B, C , D and E) with numerical values of 5, 4,3,2, 1 and 0 respectively.**

12.4. **Grade Point Average (GPA):Internal and External components are separately graded and the combined grade point with weightage 1 for internal and 3 for external shall be applied to calculate the Grade Point Average (GPA) of each course. Letter grade shall be assigned to each course based on the categorization provided in 12.16.**

12.5. **Internal evaluation for Regular programme**: The internal evaluation shall be based on predetermined transparent system involving periodic written tests, assignments, seminars, lab skills, records, viva-voce etc.

12.6. **Components of Internal (CE) and External Evaluation(ESE): Grades shall be given to the evaluation of theory / practical / project / comprehensive viva-voce and all internal evaluations are based on the Direct Grading System.**

   Proper guidelines shall be prepared by the BOS for evaluating the assignment, seminar, practical, project and comprehensive viva-voce within the framework of the regulation.

12.7. **There shall be no separate minimum grade point for internal evaluation.**

12.8. **The model of the components and its weightages for Continuous Evaluation(CE) and End Semester Evaluation(ESE) are shown in below:**

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a)   **For Theory(CE)(Internal)**

	Components	Weightage
i.	Assignment	1
ii.	Seminar	2
iii.	Best Two Test papers	2(1 each)
Total		**5**

(Grades of best two test papers shall be considered. For test papers all questions shall be set in such a way that the answers can be awarded A+,A,B,C,D,E grade.)

b) **For Theory(ESE)(External)**

Evaluation is based on the pattern of question specified in **12.16.5**

c) **For Practical(CE)(Internal)**

Components	Weightage
Written/Lab test	2
Lab involvement and Record	1
Viva	2
Total	**5**

(The components and the weightage of the components of the practical (Internal) can be modified by the concerned BOS without changing the total weightage 5.)

d) **For Practical(ESE)(External)**

Components	Weightage
Written / Lab test	7
Lab involvement and Record	3
Viva	5
Total	**15**

(The components and the weightage of the of the practical(External) can be modified by the concerned BOS without changing the total weightage 15.)

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e) For Project(CE)(Internal)

Components	Weightage
Relevance of the topic and analysis	2
Project content and presentation	2
Project viva	1
Total	**5**

(The components and the weightage of the components of the project(Internal) can be modified by the concerned BOS without changing the total weightage 5.)

f) For Project (ESE)(External)

Components	Weightage
Relevance of the topic and analysis	3
Project content and presentation	7
Project viva	5
Total	**15**

(The components and the weightage of the components of the Project(External) can be modified by the concerned BOS without changing the total weightage 15.)

g) Comprehensive viva-voce(CE) (Internal)

Components	Weightage
Comprehensive viva-voce (all courses from first semester to fourth semester)	5
Total	**5**

(Weightage of the components of the Comprehensive viva-voce (internal) shall not be modified.)

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h) Comprehensive viva-voce(ESE) (External)

Components	Weightage
Comprehensive viva-voce(all courses from first semester to fourth semester)	15
Total	**15**

(Weightage of the components of the Comprehensive viva-voce (external) shall not be modified.)

12.9**.**   **All grade point averages shall be rounded to two digits.**

12.10**.**   To ensure transparency of the evaluation process, the internal assessment grade awarded to the students in each course in a semester shall be published on the notice board at least one week before the commencement of external examination.

12.11.   **There shall not be any chance for improvement for internal grade.**

12.12**.**   The **course teacher** and the **faculty advisor** shall maintain the academic record of each student registered for the course which shall be forwarded to the University through the Principal and a copy should be kept in the college for verification for at least two years after the student completes the programme.

12.13.   **External Evaluation**. The external examination in theory courses is to be conducted by the University at the end of the semester. **The answers may be written in English or Malayalam except those for the Faculty of Languages.** The evaluation of the answer scripts shall be done by examiners based on a well-defined scheme of valuation. The external evaluation shall be done immediately after the examination preferably through Centralized Valuation.

12.14.   Photocopies of the answer scripts of the external examination shall be made available to the students on request as per the rules prevailing in the University.

12.15.   The question paper should be strictly on the basis of model question paper set and directions prescribed by the BOS.

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12.16.   **Pattern of Questions**

12.16.1. **Questions shall be set to assess knowledge acquired, standard, and application of knowledge, application of knowledge in new situations, critical evaluation of knowledge and the ability to synthesize knowledge. Due weightage shall be given to each module based on content/teaching hours allotted to each module.**

12.16.2. **The question setter shall ensure that questions covering all skills are set.**

12.16.3. **A question paper shall be a judicious mix of short answer type, short essay type /problem solving type and long essay type questions.**

12.16.4. **The question shall be prepared in such a way that the answers can be awarded A+, A, B, C, D, E grades.**

12.16.5. Weight : Different types of questions shall be given different weights to quantify their range as follows:

Sl. No.	Type of Questions	Weight	Number of questions to be answered
1.	Short Answer type questions	1	8 out of 10
2	Short essay/ problem solving type questions	2	6 out of 8
3.	Long Essay type questions	5	2 out of 4

12.17.   **Pattern of question for practical.** The pattern of questions for external evaluation of practical shall be prescribed by the Board of Studies.

12.18.   **Direct Grading System.**
Direct Grading System based on a 6– point scale is used to evaluate the Internal and External examinations taken by the students for various courses of study.

Grade	Grade Points	Range
A+	5	4.50 to 5.00
A	4	4.00 to 4.49
B	3	3.00 to 3.99
C	2	2.00 to 2.99
D	1	0.01 to 1.99
E	0	0.00

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12.19. **Performance Grading**

Students are graded based on their performance (GPA/SGPA/CGPA) at the examination on a 7-point scale as detailed below.

Range	Grade	Indicator
4.50 to 5.00	A+	Outstanding
4.00 to 4.49	A	Excellent
3.50 to 3.99	B+	Very good
3.00 to 3.49	B	Good(Average)
2.50 to 2.99	C+	Fair
2.00 to 2.49	C	Marginal(pass)
up to 1.99	D	Deficient(Fail)

12.20. **No separate minimum is required for internal evaluation for a pass, but a minimum C grade is required for a pass in an external evaluation. However, a minimum C grade is required for pass in a course.**

12.21. A student who fails to secure a minimum grade for a pass in a course will be permitted to write the examination along with the next batch.

12.22. **Improvement of Course-** The candidates who wish to improve the grade / grade point of the external examination of a course / courses he/ she has passed can do the same by appearing in the external examination of the semester concerned along with the immediate junior batch. This facility is restricted to first and second semesters of the programme.

12.23. **One Time Betterment Programme -** A candidate will be permitted to improve the **CGPA** of the programme within a continuous period of four semesters immediately following the completion of the programme allowing only once for a particular semester. The **CGPA** for the betterment appearance will be computed based on the **SGPA** secured in the original or betterment appearance of each semester whichever is higher.

If a candidate opts for the betterment of **CGPA** of a programme, he/she has to appear for the external examination of the entire semester(s) excluding practicals / project/ comprehensive viva-voce. One time betterment programme is restricted to students who have passed in all courses of the programme at the regular(First appearance).

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12.24. Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) Calculations. The **SGPA** is the ratio of sum of the credit points of all courses taken by a student in the semester to the total credit for that semester. After the successful completion of a semester, **S**emester **G**rade **P**oint **A**verage **(SGPA)** of a student in that semester is calculated using the formula given below.

Semester Grade Point Average -SGPA (S_j) = $\Sigma(C_i \times G_i) / \Sigma\, Ci$

(SGPA= Total credit Points awarded in a semester / Total credits of the semester)

Where **'S_j'** is the **j**th semester , **'G_i '** is the grade point scored by the student in the **i**th course 'c_i' is the credit of the ith course.

12.25 Cumulative Grade Point Average (CGPA)of a Programme is calculated using the formula:-

---

Cumulative Grade Point Average (CGPA) = $\Sigma(C_i \times S_i) / \Sigma\, Ci$

(CGPA= Total credit points awarded in all semesters / Total credits of the programme)

Where 'C_i ' is the credits for the ith semester '**S_i**' is the **SGPA** for the **i**th semester. The **SGPA** and **CGPA** shall be rounded off to 2 decimal points .

For the successful completion of semester, a student shall pass all courses and score a minimum **SGPA** of 2.0.However, a student is permitted to move to the next semester irrespective of her/his **SGPA.**

13.   GRADE CARD

13.1   The University under its seal shall issue to the students, a consolidated grade card on completion of the programme, which shall contain the following information.

    a)   Name of the University.

    b)   Name of College

    c)   Title of the PG Programme.

    d)   Name of the Semesters

    e)   Name and Register Number of the student

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f)   Code, Title, Credits and Max GPA (Internal, External & Total) of each course(theory& Practical) , project, viva etc. in each semester.

g)   Internal, external and total grade, Grade Point (G), Letter Grade and Credit Point (P) in each course opted in the semester.

h)   The total credits and total credit points in each semester.

i)   Semester Grade Point Average (SGPA) and corresponding Grade in each semester

j)   Cumulative Grade Point Average (CGPA), Grade for the entire programme.

k)   Separate Grade card will be issued at the request of candidates and based on University Guidelines issued from time to time.

l)   Details of description of evaluation process- Grade and Grade Point as well as indicators, calculation methodology of SGPA and CGPA as well as conversion scale shall be shown on the reverse side of the grade card.

14.   **AWARD OF DEGREE**

The successful completion of all the courses with **'C'**grade within the stipulated period shall be the minimum requirement for the award of the degree.

15.   **MONITORING COMMITTEE**

There shall be a Monitoring Committee constituted by the Vice-chancellor to monitor the internal evaluations conducted by institutions.

16.   **RANK CERTIFICATE**

The University shall publish the list of top 10 candidates for each programme after the publication of the programme results. Rank certificate shall be issued to candidates who secure positions from 1st to 3rd in the list. Position certificate shall be issued to candidates on their request.

Candidates shall be ranked in the order of merit based on the CGPA secured by them. Grace grade points awarded to the students shall not be counted for fixing the rank/position. Rank certificate and position certificate shall be signed by the Controller of Examinations.

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17. **GRIEVANCE REDRESSAL COMMITTEE**

17.1 **Department level**: The College shall form a Grievance Redressal Committee in each Department comprising of the course teacher and one senior teacher as members and the Head of the Department as Chairperson. The Committee shall address all grievances relating to the internal assessment grades of the students.

17.2. **College level:** There shall be a college level Grievance Redressal Committee comprising of faculty advisor, college co-ordinator, one senior teacher and one staff council member and the Principal as Chairperson.

17.3 **University level:** The University shall form a Grievance Redressal Committee as per the existing norms.

18. **TRANSITORY PROVISION**

Notwithstanding anything contained in these regulations, the Vice-Chancellor shall, for a period of three year from the date of coming into force of these regulations, have the power to provide by order that these regulations shall be applied to any programme with such modifications as may be necessary.

19. **REPEAL**

The Regulations now in force in so far as they are applicable to programmes offered by the University and to the extent they are inconsistent with these regulations are hereby repealed. In the case of any inconsistency between the existing regulations and these regulations relating to the Credit Semester System in their application to any course offered in a College, the latter shall prevail.

20. **Credits allotted for Programmes and Courses**

20.1. Total credit for each programme shall be **80** except MPEd, MSW and MBA programmes.

20.2. Semester-wise total credit can vary from 16 to 25

20.3. The minimum credit of a course is 2 and maximum credit is 5 except for MEd, MFA, MBA and MSW.

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21. **Common Course:** If a course is included as a common course in more than one programme, its credit shall be same for all programmes.

22. **Course codes** : The course codes assigned for all courses(core courses, elective courses, common courses etc.) shall be unique.

23. **Models of distribution of courses, course codes, type of the course, credits, teaching hours for a programme are given in the following tables.**

Example: **Programmes with practical -Total Credits 80**- Scheme of the syllabus

Semester	Course-code	Course name	Type of the course	Teaching Hours Per Week	Credit	Total Credits
I	Course.code1	Name1	core	4	4	19
	Course.code2	Name2	core	4	4	
	Course.code3	Name3	core	4	4	
	Course.code4	Name4	core	3	3	
	Practical Course.code5	Name5	core	10	4	
II	Course.code6	Name6	core	4	4	20
	Course.code7	Name7	core	4	4	
	Course.code8	Name8	core	4	4	
	Course.code9	Name9	core	3	4	
	Practical-Course.code10	Name10	core	10	4	
III	Course.code11	Name11	core	4	4	20
	Course.code12	Name12	core	4	4	
	Course.code13	Name13	core	4	4	
	Course.code14	Name14	core	3	4	
	Practical Course.code15	Name15	core	10	4	
IV	Course.code16	Name16	Elective	5	3	21
	Course.code17	Name17	Elective	5	3	
	Course.code18	Name18	Elective	5	3	
	Practical-Course.code19	Name19	core	10	5	
	Project- Course.code20	Name20	core		5	
	Comprehensive viva-voce -Course.code 21	Name 21	core		2	
	Total					80

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Example: **Programmes without practical -Total Credits 80-**Scheme of the syllabus

Semester	Course. code	Course. name	Type of the course	Teaching Hours per week	Credit	Total Credits
I	Course.code1	Name1	core	5	4	20
	Course.code2	Name2	core	5	4	
	Course.code3	Name3	core	5	4	
	Course.code4	Name4	core	5	4	
	Course.code5	Name5	core	5	4	
II	Course.code6	Name6	core	5	4	20
	Course.code7	Name7	core	5	4	
	Course.code8	Name8	core	5	4	
	Course.code9	Name9	core	5	4	
	Course.code10	Name10	core	5	4	
III	Course.code11	Name11	core	5	4	20
	Course.code12	Name12	core	5	4	
	Course.code13	Name13	core	5	4	
	Course.code14	Name14	core	5	4	
	Course.code15	Name15	core	5	4	
IV	Course.code16	Name16	Elective	5	3	20
	Course.code17	Name17	Elective	5	3	
	Course.code18	Name18	Elective	5	3	
	Course.code19	Name19	core	5	4	
	Project-Course.code20	Name20	core	5	5	
	Comprehensive viva-voce-Course.code21	Name 21	core		2	
	Total					80

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Appendix

1. Evaluation first stage - Both internal and external (to be done by the teacher)

Grade	Grade Points	Range
A+	5	4.50 to 5.00
A	4	4.00 to 4.49
B	3	3.00 to 3.99
C	2	2.00 to 2.99
D	1	0.01 to 1.99
E	0	0.00

The final Grade range for courses, SGPA and CGPA

Range	Grade	Indicator
4.50 to 5.00	A+	Outstanding
4.00 to 4.49	A	Excellent
3.50 to 3.99	B+	Very good
3.00 to 3.49	B	Good
2.50 to 2.99	C+	Fair
2.00 to 2.49	C	Marginal
Upto 1.99	D	Deficient(Fail)

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Theory-External-ESE

Maximum weight for external evaluation is 30.Therefore Maximum Weighted Grade Point (WGP) is 150

Type of Question	Qn. No's	Grade Awarded	Grade point	Weights	Weighted Grade Point
Short Answer	1	A+	5	1	5
	2	-	-	-	-
	3	A	4	1	4
	4	C	2	1	2
	5	A	4	1	4
	6	A	4	1	4
	7	B	3	1	3
	8	A	4	1	4
	9	B	3	1	3
	10	-	-	-	
Short Essay	11	B	3	2	6
	12	A+	5	2	10
	13	A	4	2	8
	14	A+	5	2	10
	15	-	-	-	-
	16	-	-	-	-
	17	A	4	2	8
	18	B	3	2	6
Long Essay	20	A+	5	5	25
	21	-	-	-	-
	22	-	-	-	-
	23	B	3	5	15
			TOTAL	30	117

Calculation :
Overall Grade of the theory paper = Sum of Weighted Grade Points /Total weight
117/30 = 3.90 = Grade B

Theory-Internal-CE

Maximum weight for Internal evaluation is 5. Therefore Maximum Weighted Grade Point (WGP) is 25

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Assignment	1	A	4	4	
Seminar	2	A+	5	10	WGP/Total weight
Test paper 1	1	A+	5	5	= 24/5 =4.8
Test paper 2	1	A+	5	5	
Total	5			24	A+

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Practical-External-ESE

Maximum weight for external evaluation is 15.Therefore Maximum Weighted Grade Point (WGP) is 75

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Written/Lab test	7	A	4	28	WGP/Total weight = 58 / 15 = 3.86
Lab involvement & record	3	A+	5	15	
viva	5	B	3	15	
Total	**15**			**58**	**B**

Practical-Internal-CE

Maximum weight for Internal evaluation is 5. Therefore Maximum Weighted Grade Point (WGP) is 25

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Written/ Lab test	2	A	4	8	WGP/Total weight =17/5=3.40
Lab involvement & record	1	A+	5	5	
viva	2	C	2	4	
Total	**5**			**17**	**B**

Project- External-ESE

Maximum weight for external evaluation is 15. Therefore Maximum Weighted Grade Point (WGP) is 75.

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Relevance of the topic & Analysis	2	C	2	4	WGP/Total weight = 59/15= 3.93
Project content & presentation	8	A+	5	40	
Project viva-voce	5	B	3	15	
Total	**15**			**59**	**B**

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Project- Internal-CE

Maximum weight for Internal evaluation is 5. Therefore Maximum Weighted Grade Point (WGP) is 25.

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Relevance of the topic & Analysis	2	B	3	6	WGP/Total weight = 21/5 = 4.2
Project content & presentation	2	A+	5	10	
Project viva-voce	1	A+	5	5	
Total	5			21	A

Comprehensive viva-voce-External-ESE

Maximum weight for External evaluation is 15. Therefore Maximum Weighted Grade Point (WGP) is 75.

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Comprehensive viva-voce	15	A	4	60	WGP/Total weight = 60 / 15 = 4
Total	15			60	A

Comprehensive viva -Internal-CE

Maximum weight for Internal evaluation is 5.Therefore Maximum Weighted Grade Point (WGP) is 25

Components	Weight (W)	Grade Awarded	Grade Point(GP)	WGP=W *GP	Overall Grade of the course
Comprehensive viva-voce	5	A+	5	25	WGP/Total weight = 25/ 5 = 5
Total	5			25	A+

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2. Evaluation second stage - (to be done by the University)
Consolidation of the Grade(GPA) of a Course PC-1
The End Semester Evaluation(ESE) (External evaluation) grade awarded for the course PC-1 is A and its Continuous Evaluation(CE)(Internal Evaluation)grade is A. The consolidated grade for the course PC-1 is as follows

Evaluation	Weight	Grade awarded	Grade Points awarded	Weighted Grade Point
External	3	A	4.20	12.6
Internal	1	A	4.40	4.40
Total	**4**			**17**
Grade of a course.	GPA of the course =Total weighted Grade Points/Total weight **17/4 =4.25 = Grade A**			

3. Evaluation Third Stage - (to be done by the University)
   Semester Grade Point Average (SGPA).

Course code	Title of the course	Credits (C)	Grade Awarded	Grade Points(G)	Credit Points (CP=C X G)
01	**PC-1**	**5**	**A**	**4.25**	**21.25**
02	-----	**5**	**A**	**4.00**	**20.00**
03	-----	**5**	**B+**	**3.80**	**19.00**
04	-----	**2**	**A**	**4.40**	**8.80**
05	-----	**3**	**A**	**4.00**	**12.00**
TOTAL		**20**			**81.05**
SGPA	**Total credit points / Total credits = 81.05/20 = 4.05= Grade- A**				

4. Evaluation- fourth Stage - (to be done by the University)
Cumulative Grade Point Average(CGPA)
    If a candidate is awarded three **A+** grades in semester 1 (**SGPA** of semester 1), semester 2 (**SGPA** of semester 2) and semester 4 (**SGPA** of semester 4) and a **B** grade in semester 3 (**SGPA** of semester 3). Then the **CGPA** is calculated as follows:

Semester	Credit of the Semesters	Grade Awarded	Grade point (SGPA)	Credit points
I	20	A+	4.50	90
II	20	A+	4.60	92
III	20	B	3.00	60
IV	20	A+	4.50	90
TOTAL	**80**			**332**
CGPA= Total credit points awarded / Total credit of all semesters = 332 / 80 = 4.15 (Which is in between 4.00 and 4.49 in 7-point scale)Therefore the overall Grade awarded in the programme is A				

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16   MSc Zoology - Syllabus

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M.Sc. Zoology Degree Program
(Mahatma Gandhi University Regulations PGCSS2019 from 2019-20 Academic Year)

1. **Aim of the Program**

   To provide quality education in Zoology with different specializations and motivate the students for self-employment in applied branches of Zoology.

   To inculcate the spirit of natural resource conservation and conduct filed studies and different projects of interests in Zoology.

2. **Eligibility for Admissions**

   B Sc. Zoology with 50% marks

3. **Medium of Instruction and Assessment**

   English

4. **Faculty under which the Degree is Awarded**

   Science

5. **Specializations offered, if any**

   Fishery Science, Environmental Sciences, Entomology and Medical Microbiology.

6. Note on compliance with the UGC Minimum Standards for the conduct and award of Post Graduate Degrees

   Two years having four semesters

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7. THE PROGRAM STRUCTURE

Course Code	Title of the Course	Type of the Course	Hours per week	Credits
FIRST SEMESTER				
ZL010101	Animal Diversity: Phylogenetic and Taxonomic Approaches	Theory	**4**	**4**
ZL010102	Evolutionary Biology and Ethology	Theory	**4**	**4**
ZL010103	Biochemistry	Theory	**4**	**4**
ZL010104	Biostatistics and Research Methodology	Theory	**3**	**3**
ZL010105	PRACTICAL 1 Animal Diversity: Evolutionary, Ethological and Biochemical methods &Approaches	Practical	**10**	**4**
SECOND SEMESTER				
ZL010201	Field Ecology	Theory	**4**	4
ZL010202	Developmental Biology	Theory	**4**	4
ZL010203	Genetics and Bioinformatics	Theory	**4**	4
ZL010204	Microbiology and Biotechnology	Theory	**3**	3
ZL010205	PRACTICAL 2 Diversity of Life: Ecological, Embryological, Hereditary and Microbial Methods and Approaches	Practical	**10**	**4**
THIRD SEMESTER				
ZL010301	Animal Physiology	Theory	**4**	**4**
ZL010302	Cell and Molecular Biology	Theory	**4**	**4**
ZL010303	Biophysics, Instrumentation and Biological Techniques	Theory	**4**	**4**
ZL010304	Immunology	Theory	**3**	**3**
ZL010305	Practical 3 Molecular, Physiological and Immunological Methods and Approaches in Biosciences	Practical	**10**	**4**
FOURTH SEMESTER				
ZL80-830401	Elective 1	Theory	**5**	**4**
ZL80-830402	Elective 2	Theory	**5**	**4**
ZL80-830403	Elective 3	Theory	**5**	**4**
ZL80-830404	Practical	Practical	**10**	**4**
ZL010401	Project			**5**
ZL010402	Viva			**2**

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PRACTICAL 2

DIVERSITY OF LIFE: ECOLOGICAL, EMBRYOLOGICAL, HEREDITARY AND MICROBIAL METHODS & APPROACHES
180 Hours (10hrs./week)   **Credit-4**

Ecology   **70 Hrs**
➢ Study of Pond/ Wetland/ River ecosystem (any one) – Separate work book should be maintained by each student specifying objectives and methods adopted based on field study.
➢ Ecological analysis - Estimation of following parameters
  Water:- Salinty, Phosphates, Nitrate , pH & Conductivity
  Soil:- Organic carbon and Chlorides.
➢ Separation and identification of soil arthropods using Berlese funnel
  (A minimum of five specimens should be reported with the comments in practical record)
➢ Qualitative and Quantitative study of marine/freshwater planktons.
➢ Collection and temporary mounting of minimum 3 fresh water planktons (Group/Generic level identification is necessary) .
➢ Viva based on field study

Genetics   **20 Hrs**
➢ Culture, sexing and etherization of *Drosophila*.
➢ Study of Mutants in *Drosophila*.
➢ Genetics problems (Di hybrid cross, test cross and sex linked inheritance)
➢ Gene order mapping in three point cross (Data to be provided)

Bioinformatics   **30 Hrs**
➢ Data base search and data retrieval-using NCBI, SWISS-PROT, PDB, Expasy.
➢ Methods of sequence alignment-BLAST and ClustalW.
➢ Phylogenetic tree using MESQUITE/MEGA/ PHYLIP.
➢ Gene Prediction using GENSCAN/GRAI.
➢ Protein structure visualization using RASMOL.

Developmental Biology   **30 Hr**
➢ Study of the developmental stages of Drosophila
➢ Study of the developmental stages of frog (egg, blastula, gastrula, neurula, tadpole, with external gill and internal gill) using permanent slides/Diagrams.
➢ Study of serial sections of embryo (tadpole/chick).
➢ Vital staining of early gastrula of chick - Window method.
➢ Blastoderm mounting and age determination of chick embryo using vital stains.
➢ Morphological and histological details of different types of mammalian placenta.

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6/14/24, 12:20 PM   Mahatma Gandhi University CBCSS Revised Scheme

Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

Examination :*	FOURTH SEMESTER PGCSS EXAMINATION JUNE 2023
PRN :*	210011016810

[Get Result]

Result

PRN	:	210011016810
Name	:	VINAYAMOL MV
Program	:	M Sc ZOOLOGY
Exam Centre	:	The Cochin College, Cochin

Course Code	Course	Theory INT	Theory EXT	Practical INT	Practical EXT	GPA	Grade	Result
ZL830401	General Microbiology and Parasitology	5.00	3.30	---	---	3.73	B+	Passed
ZL830402	Bacteriology,Virology and Mycology	5.00	3.57	---	---	3.93	B+	Passed
ZL830403	Clinical Microbiology	5.00	3.53	---	---	3.90	B+	Passed
ZL830404	Practical:Microbiology	---	---	5.00	4.93	4.95	A+	Passed
ZL010401	Project	---	---	5.00	4.20	4.40	A	Passed
ZL010402	Viva	---	---	5.00	3.60	3.95	B+	Passed
	Semester Result					4.17	A	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	19	4.23	A	P	80.39	July 2022
SEMESTER 2	19	4.20	A	P	79.84	November 2022
SEMESTER 3	19	4.11	A	P	78.06	March 2023
SEMESTER 4	23	4.17	A	P	95.94	June 2023
FINAL RESULT (CGPA)	**80**	**4.18**	**A**	**P**	**334.23**	**June 2023**

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17 MA English- Syllabus

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7. THE PROGRAMME STRUCTURE

Course Code	Title of the Course	Type of the Course	Hours per week	Credits
FIRST SEMESTER				
EN010101	Up Until Chaucer: Early Literatures in English	CORE	5	4
EN010102	Literatures of the English Renaissance	CORE	5	4
EN010103	Literatures of the English Revolution/ Enlightenment	CORE	5	4
EN010104	19th Century English Literatures	CORE	5	4
EN010105	Literary Criticism	CORE	5	4
SECOND SEMESTER				
EN010201	Modernity and Modernisms	CORE	5	4
EN010202	Postmodernism and Beyond	CORE	5	4
EN010203	American Literatures	CORE	5	4
EN010204	English Language History and Contemporary Linguistics	CORE	5	4
EN010205	Thinking Theory	CORE	5	4
THIRD SEMESTER				
EN010301	Reading India	CORE	5	4
EN010302	Post Colonial Fiction	CORE	5	4
EN010303	Body, Text and Performance	CORE	5	4
EN010304	Literature and Gender	CORE	5	3
EN010305	Ethics in/as Literature	CORE	5	3
FOURTH SEMESTER				
EN010401	Cultural Studies	CORE	5	4
EN010402	Post Colonial Poetry	CORE	5	3
	<Elective>	ELECTIVE	5	3
	<Elective>	ELECTIVE	5	3
	<Elective>	ELECTIVE	5	3
Project				3
Viva				2
National/ International Seminar (Presented in any one of the semesters)				1

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Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

Examination	:*	FOURTH SEMESTER PGCSS EXAMINATION JUNE 2023	⌄
PRN	:*	210011004920	

Get Result

Result

PRN	:	210011004920
Name	:	EMIL S PHILIP
Program	:	M A ENGLISH
Exam Centre	:	The Cochin College, Cochin

Course Code	Course	Theory		Practical		GPA	Grade	Result
		INT	EXT	INT	EXT			
EN010401	Cultural Studies	4.60	3.50	---	---	3.78	B+	Passed
EN010402	Post Colonial Poetry	4.00	4.03	---	---	4.02	A	Passed
EN820401	Modern European Fiction	4.60	4.17	---	---	4.28	A	Passed
EN820402	Modern European Drama	4.20	3.57	---	---	3.73	B+	Passed
EN820403	Indian Poetics: Theories and Texts	4.60	3.30	---	---	3.63	B+	Passed
EN010403	Project	---	---	4.40	5.00	4.85	A+	Passed
EN010404	Comprehensive Viva	---	---	4.40	4.00	4.10	A	Passed
EN010405	National/International Seminar	---	---	4.40	4.00	4.10	A	Passed
	Semester Result					4.04	A	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	20	3.48	B	P	69.52	July 2022
SEMESTER 2	20	3.53	B+	P	70.60	November 2022
SEMESTER 3	18	3.78	B+	P	68.04	March 2023
SEMESTER 4	22	4.04	A	P	88.95	June 2023
FINAL RESULT (CGPA)	**80**	**3.71**	**B+**	**P**	**297.11**	**June 2023**

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18   MCM- Syllabus

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Syllabus and Curriculum

Master of Commerce and Management

2020 ADMISSION ONWARDS

(UNDER MAHATMA GANDHI UNIVERSITY PGCSS
REGULATIONS 2019)

MAHATMA GANDHI UNIVERSITY

2020

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4

11. The Programme Structure

SEMESTER I

Course Code	Title of the Course	Type of the Course	Hoursper week	Credits
CM020101	Advanced Accounting	Core	5	4
CM020102	Human Resource Management and Organisational Behaviour	Core	5	3
CM010103	Marketing Management	Core	5	4
CM010104	Management Optimisation Techniques	Core	5	4
CM010105	Methodology for Social Science Research	Core	5	4
	TOTAL		25	19

SEMESTER II

Course Code	Title of the Course	Type of the Course	Hoursper week	Credits
CM020201	International Business and Forex Management	Core	5	4
CM020202	Logistics and Supply Chain Management	Core	5	3
CM020203	Legal Aspects of Business	Core	5	4
CM010204	Quantitative Techniques	Core	5	4
CM010205	Strategic Management	Core	5	4
	TOTAL		25	19

SEMESTER III

Course Code	Title of the Course	Type of the Course	Hoursper week	Credits
CM020301	Advanced Cost and Management Accounting	Core	6	4
CM010302	Income Tax – Law and Practice	Core	7	5
CM010303	Security Analysis and Portfolio Management	Core	6	4
CM900301	Financial Analytics (For Finance)	Core-Elective	6	4
CM910301	HR Analytics (For Human Resource Management)			
CM020304	Internship/ On the Job training	Core	NA	2
	TOTAL		25	19

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SEMESTER IV

Course Code	Title of the Course	Type of the Course	Hoursper week	Credits
CM020401	Strategic Financial Management	Core	6	4
CM010402	Income Tax-Assessment and Procedure	Core	7	5
CM900401	Financial Derivatives (For finance)	Core-Elective	6	4
CM910401	Performance Management (For Human Resource Management)			
CM900402	Advanced Project Management (For Finance)	Core-Elective	6	4
CM910402	Training & Development (For Human Resource Management)			
CM020403	Project Report	Core-Project	Nil	4
CM020404	Comprehensive Viva Voce	Core- Viva	Nil	2
	TOTAL		25	23
	TOTAL CREDITS FOR THE PROGRAMME			80

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Core Course- Project Report

Course Code	CM020403
Title of the Course	PROJECT REPORT
Semester	Four
Type	Core- Project
Credits	4
Hours	NA

Course Outcome No	Expected Course Outcome	Cognitive Level	Programme Specific Outcome Linkage
1	Quality Research Output presentation	Evaluate, Analyse and Apply	PSO3, 4 and PO3,5,6

Guidelines for Project Report

1. All students shall prepare and submit project report as part of the programme. The project has to beundertaken on an individual basis.
2. The general guidelines of PGCSS Regulations 2019 of M G University shall apply for both Internal andExternal Evaluations of Project Report.
3. The Project shall be done under the supervision and guidance of faculty of the department.
4. The project work shall commence preferably by second semester and at least by third semester. Students shall submit the report in the prescribed format at least three weeks before the commencement of end semester examination of the fourth semester. Internal assessment shall be based on completion of the project, followingthe norms prescribed in general guidelines.
5. The area of project shall be related to business/ commerce/ related fields/ and may be closely associated to the area of specialization. Topics shall also be selected withthe help of linkages with industry or policy making bodies.
6. The student shall submit copies of project report, either printed or typed. There shall be a minimum of 40 pages and a maximum of 75 pages. The report may be hard bound or soft bound or spirally bound and the printing can be either double sided or single sided. A softcopy of the report may also be submitted to the department.
7. The report shall contain the following:
   - Title page with topic, details of the student with register number, supervisor details and month andyear of submission.
   - Certificate from Supervising teacher and counter signed by the Head of the Department withdepartment seal.

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- Declaration by the student which shall include plagiarism details also. The relevant guidelines issued by the UGC and the University shall strictly be adhered to.
- Acknowledgement
- Contents

Preferably 5 chapters with
Chapter 1 presenting Introduction and Methodology.
Chapter 2 Literature Review, Chapter 3 Theoretical review,
Chapter 4 Analysis and Interpretation and
Chapter 5 Findings, Conclusion, Suggestions etc.

Guidelines regarding chapterisation are not absolute and may be altered according to topic/ presentation convenience.
- Appendix (Questionnaire/Schedule , Secondary data used for analysis, Statistical calculation details etc)
- Bibliography
(References may be presented in APA style)

8. The Internal Evaluation of the project shall be done at the department level and the component presentation/viva shall be based on open presentation by the student, preferably with the help of audio- visual aids, in the form of a defense of the project. The student has to produce a certificate before the Viva Board from the Head of the Department stating that the open presentation was done for the purpose of Internal Evaluation.

9. It is the responsibility of the student to put earnest effort for the completion of project. The consequences of plagiarism beyond permissible level in project work may result in failure of the course, inaddition to other consequences.

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Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

Examination	:*	FOURTH SEMESTER PGCSS EXAMINATION JUNE 2023	⌄
PRN	:*	210011033146	

Get Result

Result

PRN   : **210011033146**
Name   : **ANGEL GRACE A J**
Program : **Master of Commerce and Management**
Exam Centre : **The Cochin College, Cochin**

Course Code	Course	Theory		Practical		GPA	Grade	Result
		INT	EXT	INT	EXT			
CM010402	Income Tax -Assessment and Procedure	5.00	3.73	---	---	4.05	A	Passed
CM020401	Strategic Financial Management	5.00	2.17	---	---	2.88	C+	Passed
CM900401	Financial Derivatives	5.00	3.07	---	---	3.55	B+	Passed
CM900402	Advanced Project Management	5.00	2.13	---	---	2.85	C+	Passed
CM020403	Project	---	---	5.00	4.60	4.70	A+	Passed
CM020404	Comprehensive Viva voce	---	---	5.00	4.00	4.25	A	Passed
	Semester Result					3.68	B+	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	19	3.92	B+	P	74.46	July 2022
SEMESTER 2	19	3.43	B	P	65.12	November 2022
SEMESTER 3	19	3.87	B+	P	73.62	March 2023
SEMESTER 4	23	3.68	B+	P	84.67	June 2023
FINAL RESULT (CGPA)	**80**	**3.72**	**B+**	**P**	**297.87**	**June 2023**

NOTE: *The results made available through the web are intended only to provide immediate information to the examinees. This is not a substitute for the original marklists/ grade sheets issued to the candidates. Mahatma Gandhi University reserves the right to update the contents of the web pages without notice. However, discrepancies which may arise due to transmission errors may be informed to the university at email address : support@mgu.ac.in*

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19   MCom Finance - Syllabus

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Syllabus and Curriculum for M. Com Programme

Master of Commerce

2019 ADMISSION ONWARDS

(UNDER MAHATMA GANDHI UNIVERSITY PGCSS REGULATIONS 2019)

BOARD OF STUDIES IN COMMERCE (PG)
MAHATMA GANDHI UNIVERSITY

2019

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3

10. Name of Electives:-

Group1	Finance and Taxation
Group 2	Marketing and International Business
Group 3	Management and Information Technology

11. The Program Structure

Course Code	Title of the Course	Type of the Course	Hours per week	Credits
	FIRST SEMESTER			
CM010101	Specialised Accounting	Core	5	4
CM010102	Organisational Behaviour	Core	5	3
CM010103	Marketing Management	Core	5	4
CM010104	Management Optimisation Techniques	Core	5	4
CM010105	Methodology for Social Science Research	Core	5	4
	TOTAL FOR SEMESTER		25	19
	SECOND SEMESTER			
CM010201	Advanced Corporate Accounting	Core	5	4
CM010202	Human Resource Management	Core	5	3
CM010203	International Business and Finance	Core	5	4
CM010204	Quantitative Techniques	Core	5	4
CM010205	Strategic Management	Core	5	4
	TOTAL FOR THE SEMESTER		25	19
	THIRD SEMESTER			
CM010301	Strategic Financial Management	Core	6	5
CM010302	Income Tax – Law and Practice	Core	7	5
CM010303	Security Analysis and Portfolio Management	Core	6	4
CM800301/ CM810301/ CM820301	Indirect Tax Laws (Group I) Logistics and Supply Chain Management (Group 2) Total Quality Management (Group 3)	Core-Elective	6	4
	TOTAL FOR THE SEMESTER		25	18
	FOURTH SEMESTER			
CM010401	Advanced Cost and Management Accounting	Core	6	5
CM010402	Income Tax-Assessment and Procedure	Core	7	5
CM800401/ CM810401/ CM820401	Derivatives and Risk Management (Group 1) Retail and Rural Marketing (Group 2) E-Commerce and E-Business Management (Group 3)	Core-Elective	6	4
CM800402/ CM810402/ CM820402	Personal Investment and Behavioural Finance (Group 1) International Marketing (Group 2) Legal Framework for I.T. Based Business and Intellectual Property Rights (Group 3)	Core-Elective	6	4
CM010403	Project Report	Core-Project	Nil	4
CM010404	Comprehensive Viva Voce	Core-Viva	Nil	2
	TOTAL FOR THE SEMESTER		25	24
	TOTAL CREDITS FOR THE PROGRAMME			80

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Core Course- Project Report for all streams

Course Code	CM010403
Title of the Course	**PROJECT REPORT**
Semester	Four
Type	Core- Project
Credits	4
Hours	NA

Course Outcome No	Expected Course Outcome	Cognitive Level	Programme Specific Outcome Linkage
1	Quality Research Output and presentation	Evaluate, Analyse and Apply	PSO3, 4 and PO3,5,6

Guidelines for Project Report

1. All students shall prepare and submit project report as part of the programme. The project has to be undertaken on an individual basis.
2. The general guidelines of PGCSS Regulations 2019 of M G University shall apply for both Internal and External Evaluations of Project Report.
3. The Project shall be done under the supervision and guidance of faculty of the department.
4. The project work shall commence preferably by second semester and at least by third semester. Students shall submit the report in the prescribed format at least three weeks before the commencement of end semester examination of the fourth semester. Internal assessment shall be based on completion of the project, following the norms prescribed in general guidelines.
5. The area of project shall be related to business/ commerce/ related fields/ and may be closely associated to the area of specialization. Topics shall also be selected with the help of linkages with industry or policy making bodies.
6. The student shall submit copies of project report, either printed or typed. There shall be a minimum of 40 pages and a maximum of 75 pages. The report may be hard bound or soft bound or spirally bound and the printing can be either double sided or single sided. A softcopy of the report may also be submitted to the department.
7. The report shall contain the following:
   - Title page with topic, details of the student with register number, supervisor details and month and year of submission.
   - Certificate from Supervising teacher and counter signed by the Head of the Department with department seal.

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- Declaration by the student which shall include plagiarism details also. The relevant guidelines issued by the UGC and the University shall strictly be adhered to.
- Acknowledgement
- Contents
- Preferably 5 chapters with Chapter 1 presenting Introduction and Methodology, Chapter 2 Literature Review, Chapter 3 Theoretical review, Chapter 4 Analysis and Interpretation and Chapter 5 Findings, Conclusion, Suggestions etc. Guidelines regarding chapterisation are not absolute and may be altered according to topic/ presentation convenience.
- Appendix (Questionnaire/Schedule , Secondary data used for analysis, Statistical calculation details etc)
- Bibliography
  (References may be presented in APA style)

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9. It is the responsibility of the student to put earnest effort for the completion of project. The consequences of plagiarism beyond permissible level in project work may result in failure of the course, in addition to other consequences.

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6/10/24, 5:57 PM   Mahatma Gandhi University CBCSS Revised Scheme

Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

| Examination :* | FOURTH SEMESTER PGCSS EXAMINATION JUNE 2023 ⌄ |
| PRN :* | 210011026680 |

Get Result

Result

PRN   : 210011026680
Name   : ABHISHEK P MANOJ
Program : M.COM FINANCE AND TAXATION
Exam Centre : The Cochin College, Cochin

Course Code	Course	Theory		Practical		GPA	Grade	Result
		INT	EXT	INT	EXT			
CM010401	Advanced Cost and Management Accounting	5.00	2.00	---	---	2.75	C+	Passed
CM010402	Income Tax -Assessment and Procedure	5.00	4.43	---	---	4.57	A+	Passed
CM800401	Derivatives and Risk Management (Finance and Taxation)	5.00	3.50	---	---	3.88	B+	Passed
CM800402	Personal Investment and Behavioural Finance (Finance and Taxation)	5.00	2.63	---	---	3.22	B	Passed
CM010403	Project Report	---	---	5.00	4.20	4.40	A	Passed
CM010404	Comprehensive Viva Voce	---	---	5.00	3.40	3.80	B+	Passed
	Semester Result					3.76	B+	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	19	3.43	B	P	65.15	July 2022
SEMESTER 2	19	3.16	B	P	60.03	November 2022
SEMESTER 3	18	3.44	B	P	61.92	March 2023
SEMESTER 4	24	3.76	B+	P	90.20	June 2023
FINAL RESULT (CGPA)	**80**	**3.47**	**B**	**P**	**277.30**	**June 2023**

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20   MSc Chemistry- Syllabus

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PROGRAM STRUCTURE

	Code	Course	Hours / Week	Total Hours	Credit
Semester 1	CH 50 01 01	Organometallics and Nuclear Chemistry	4	72	4
	CH 50 01 02	Structural and Molecular Organic Chemistry	4	72	4
	CH 50 01 03	Quantum Chemistry and Group Theory	4	72	4
	CH 50 01 04	Thermodynamics, Kinetic Theory and Statistical Thermodynamics	3	54	4
	CH 50 02 05	Inorganic Chemistry Practical-1	3	54	Evaluation at the end of second semester
	CH 50 02 06	Organic Chemistry Practical-1	3	54	
	CH 50 02 07	Physical Chemistry Practical-1	4	72	
		Total	**25**	**450**	**16**
Semester 2	CH 50 02 01	Coordination Chemistry	4	72	4
	CH 50 02 02	Organic Reaction Mechanisms	4	72	4
	CH 50 0203	Chemical Bonding and Computational Chemistry	4	72	3
	CH 50 0204	Molecular Spectroscopy	3	54	3
	CH 50 0205	Inorganic Chemistry Practical-1	3	54	3
	CH 50 0206	Organic Chemistry Practical-1	3	54	3
	CH 50 0207	Physical Chemistry Practical-1	4	72	3
		Total	**25**	**450**	**23**
Semester 3	CH 50 03 01	Structural Inorganic Chemistry	4	72	4
	CH 50 03 02	Organic Syntheses	4	72	4
	CH 01 03 03	Chemical Kinetics, Surface Chemistry and Crystallography	4	72	4
	CH 50 03 04	Spectroscopic Methods in Chemistry	3	54	4
	CH 01 0405	Inorganic Chemistry Practical-2	3	54	Evaluation at the end of fourth semester
	CH 01 0406	Organic Chemistry Practical-2	3	54	
	CH 01 0407	Physical Chemistry Practical-2	4	72	

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		Total	**25**	**450**	**16**
		Elective(Group A)			
	CH 80 04 01	Advanced Inorganic Chemistry	5	90	4
	CH 80 04 02	Advanced Organic Chemistry	5	90	4
	CH 80 04 03	Advanced Physical Chemistry	5	90	4
		Elective(GroupB)			
	CH 81 04 01	Advances In Polymer Science And Technology	5	90	4
Semester 4	CH 81 04 02	Analytical Chemistry	5	90	4
	CH 81 04 03	Medicinal Chemistry	5	90	4
	CH 01 0404	Project			2
	CH 01 0405	Inorganic Chemistry Practical-2	3	54	3
	CH 01 0406	Organic Chemistry Practical-2	3	54	3
	CH 01 0407	Physical Chemistry Practical-2	4	72	3
	CH 01 0408	Viva			2
		Total	**25**	**450**	**25**
GRAND TOTAL					**80**

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12/29/23, 10:23 PM   Mahatma Gandhi University CBCSS Revised Scheme

Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

Examination : * FOURTH SEMESTER PGCSS EXAMINATION AUGUST 2022

PRN : * 200011011499

[Get Result]

Result

PRN	: 200011011499
Name	: A R ROSHNI DAS
Program	: M Sc CHEMISTRY
Exam Centre	: The Cochin College, Cochin

Course Code	Course	Theory INT	Theory EXT	Practical INT	Practical EXT	GPA	Grade	Result
CH010401	Inorganic Chemistry Practical - II	---	---	5.00	5.00	5.00	A+	Passed
CH010402	Organic Chemistry Practical - II	---	---	5.00	4.86	4.90	A+	Passed
CH010403	Physical Chemistry Practical - II	---	---	5.00	5.00	5.00	A+	Passed
CH800401	Advanced Inorganic Chemistry	5.00	2.27	---	---	2.95	C+	Passed
CH800402	Advanced Organic Chemistry	5.00	2.57	---	---	3.18	B	Passed
CH800403	Advanced Physical Chemistry	5.00	2.27	---	---	2.95	C+	Passed
CH010404	Project	---	---	5.00	4.73	4.80	A+	Passed
CH010405	Viva-voce	---	---	5.00	4.80	4.85	A+	Passed
	Semester Result					4.01	A	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	16	3.73	B+	P	59.64	November 2021
SEMESTER 2	23	4.01	A	P	92.13	January 2022
SEMESTER 3	16	3.89	B+	P	62.16	April 2022
SEMESTER 4	25	4.01	A	P	100.32	August 2022
FINAL RESULT (CGPA)	**80**	**3.93**	**B+**	**P**	**314.25**	**August 2022**

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21   MSC Maths- Syllabus

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THE PROGRAM STRUCTURE

Course Code	Title of the Course	Type of the Course	Hours per week	Credits
FIRST SEMESTER				
ME010101	Abstract Algebra	Theory	5	4
ME010102	Linear Algebra	Theory	5	4
ME010103	Basic Topology	Theory	5	4
ME010104	Real Analysis	Theory	5	4
ME010105	Graph Theory	Theory	5	4
SECOND SEMESTER				
ME010201	Advanced Abstract Algebra	Theory	5	4
ME010202	Advanced Topology	Theory	5	4
ME010203	Numerical Analysis with Python	Theory	5	4
ME010204	Complex Analysis	Theory	5	4
ME010205	Measure and Integration	Theory	5	4
THIRD SEMESTER				
ME010301	Advanced Complex Analysis	Theory	5	4
ME010302	Partial Differential Equations	Theory	5	4
ME010303	Multivariate Calculus and Integral Transforms	Theory	5	4
ME010304	Functional Analysis	Theory	5	4
ME010305	Optimization Technique	Theory	5	4
FOURTH SEMESTER				
ME010401	Spectral Theory	Theory	5	4
ME010402	Analytic Number Theory	Theory	5	4
	Elective 1	Theory	5	3
	Elective 2	Theory	5	3
	Elective 3	Theory	5	3
	Dissertation			1
	Comprehensive Viva			2
Total Credits				80
ME800401	Differential Geometry		5	3
ME800402	Algorithmic Graph Theory	Group A	5	3
ME800403	Combinatorics		5	3
ME810401	Probability Theory		5	3
ME810402	Operations Research	Group B	5	3
ME810403	Coding Theory		5	3
ME820401	Commutative Algebra		5	3
ME820402	Ordinary Differential Equations	Group C	5	3
ME820403	Classical Mechanics		5	3

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Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

| Examination | : | FOURTH SEMESTER PGCSS EXAMINATION JUNE 2023 | ⌄ |
| PRN | : | 210011022503 | |

Get Result

Result

PRN : 210011022503
Name : SREELAKSHMI SYAM
Program : M Sc MATHEMATICS (SF)
Exam Centre : The Cochin College, Cochin

Course Code	Course	Theory		Practical		GPA	Grade	Result
		INT	EXT	INT	EXT			
ME010401	Spectral Theory	4.80	2.13	---	---	2.80	C+	Passed
ME010402	Analytic Number Theory	5.00	3.27	---	---	3.70	B+	Passed
ME800401	Differential Geometry	5.00	1.23	---	---	0.00	D	Failed
ME800402	Algorithmic Graph Theory	5.00	2.20	---	---	2.90	C+	Passed
ME800403	Combinatorics	4.80	2.10	---	---	2.78	C+	Passed
ME010403	Dissertation	---	---	5.00	3.53	3.90	B+	Passed
ME010404	Comprehensive Viva	---	---	4.80	3.00	3.45	B	Passed
	Semester Result							Failed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	20	3.07	B	P	61.36	July 2022
SEMESTER 2	20	3.70	B+	P	74.00	November 2022
SEMESTER 3				F		
SEMESTER 4				F		

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22   MSc Physics- Syllabus

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Table 1.1: Structure of MSc Physics under PG-CSS 2019

Semester	Course Code	Name of the courses	No of hrs / week	Credits
I	PH010101	Mathematical methods in Physics – I	3	3
	PH010102	Classical Mechanics	4	4
	PH010103	Electrodynamics	4	4
	PH010104	Electronics	4	4
	PH010105	General Physics Practicals	10	4
		Total for Semester 1	**25**	**19**
II	PH010201	Mathematical methods in Physics – II	4	4
	PH010202	Quantum Mechanics – I	3	4
	PH010203	Statistical Mechanics	4	4
	PH010204	Condensed Matter Physics	4	4
	PH010205	Electronics Practicals	10	4
		Total for Semester 2	**25**	**20**
III	PH010301	Quantum Mechanics – II	4	4
	PH010302	Computational Physics	4	4
	PH010303	Atomic and Molecular Physics	4	4
		Elective – 1	3	3
		Advanced Elective Practicals	10	5
		Total for Semester 3	**25**	**20**
IV	PH010401	Nuclear and Particle Physics	5	4
		Elective – 2	5	3
		Elective – 3	5	3
	PH010402	Computational Physics Practicals	10	4
	PH010403	Project	-	5
	PH010404	Comprehensive viva voce	-	2
		Total for Semester 4	**25**	**21**
		Grand Total		**80**

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8/8/23, 9:42 AM   Mahatma Gandhi University CBCSS Revised Scheme

Mahatma Gandhi University PG CSS Exam Results
(Revised Scheme)

Examination :*	FOURTH SEMESTER PGCSS EXAMINATION AUGUST 2022
PRN :*	200011014110

Get Result

Result

PRN   :   200011014110
Name   :   ALKA M S
Program   :   M Sc PHYSICS
Exam Centre   :   The Cochin College, Cochin

Course Code	Course	Theory		Practical		GPA	Grade	Result
		INT	EXT	INT	EXT			
PH010401	Nuclear and Particle Physics	4.60	3.97	---	---	4.13	A	Passed
PH010402	Computational Physics Practicals	---	---	4.20	5.00	4.80	A+	Passed
PH810402	Science of Advanced Materials	5.00	3.50	---	---	3.88	B+	Passed
PH810403	Nanostructures and Materials Characterisation	4.52	2.10	---	---	2.71	C+	Passed
PH810404	Advanced Practicals in Materials Science	---	---	4.84	4.53	4.61	A+	Passed
PH010403	Project	---	---	4.00	4.20	4.15	A	Passed
PH010404	Comprehensive Viva Voce	---	---	3.00	4.00	3.75	B+	Passed
	Semester Result					4.08	A	Passed

SEMESTER RESULTS						
SEMESTER	CREDIT	SGPA	GRADE	RESULT	CREDIT POINTS	Month & Year of Pass
SEMESTER 1	16	3.48	B	P	55.68	November 2021
SEMESTER 2	24	3.72	B+	P	89.20	January 2022
SEMESTER 3	16	3.38	B	P	54.08	April 2022
SEMESTER 4	24	4.08	A	P	98.03	August 2022
FINAL RESULT (CGPA)	**80**	**3.71**	**B+**	**P**	**296.99**	**August 2022**

NOTE: *The results made available through the web are intended only to provide immediate information to the examinees. This is not a substitute for the original marklists/ grade sheets issued to the candidates. Mahatma Gandhi University reserves the right to update the contents of the web pages without notice. However, discrepancies which may arise due to transmission errors may be informed to the university at email address : support@mgu.ac.in*

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