



CARMEL COLLEGE, MALA

Nationally Re-accredited with 'A' grade (Third Cycle)

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Criteria I

Curricular Aspects

1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year

Programme/ Curriculum/ Syllabus of the Courses

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL



UNIVERSITY OF CALICUT

SYLLABUS
FOR
UNDER GRADUATE PROGRAMME
IN
BOTANY

(Under CUCBCSS UG 2019)

Effective from 2019 admission

Table-2 CREDIT DISTRIBUTION OF B.Sc. BOTANY PROGRAMME

Semester	Commo		Core Courses	Complementary Courses		Open Course	Total Credits (Class room study)	Audit Course	Extra Credits	Total Credits
	Engli sh	Additi onal Langu age		Chemis try	Zoology					
I	4+3	4	3	2	2		18	4		22
II	4+3	4	3	2	2		18	4		22
III	4	4	3	2	2		15	4		19
IV	4	4	3+4**	2+4**	2+4**		27	4		31
V			3+3+3+3			3	15			15
VI			3+3+3+3+3 2*+5**+5**				27		4	31
Total	22	16	55	12	12	3	120	16	4	140
* Credits of Project Work				**Credits of Practical paper						

- ATTENDANCE:**

A student shall be permitted to appear for the semester examination, only if he/she secures not less than 75% attendance in each semester. Attendance shall be maintained by the Department concerned. Condonation of shortage of attendance to a maximum of 10% in the case of single condonation and 20% in the case of double condonation in a semester shall be granted by University remitting the required fee. Benefits of attendance may be granted to students who attend the approved activities of the college/university with the prior concurrence of the Head of the institution. Participation in such activities may be treated as presence in lieu of their absence on production of participation/attendance certificate (within two weeks) in curricular/ extracurricular activities (maximum 9 days in a semester). Students can avail of condonation of shortage of attendance in a maximum of four semesters during the entire programme (Either four single condonations or one double condonation and two single condonations during the entire programme). If a student fails to get 65% attendance, he/she can move to the next semester only if he/she acquires 50% attendance. In that case, a **provisional registration** is needed. Such students can appear for supplementary examination for such semesters after the completion of the programme. Less than 50% attendance requires Readmission. Readmission is permitted only once during the entire programme.

- PROJECT WORK/ THEORY COURSE ON RESEARCH METHODOLOGY:**

Every student of a UG degree programme shall have to work on a project of 2 credits or shall

write a theory course based on Research Methodology as per the curriculum. College shall have the liberty to choose either of the above. Project work at UG level shall be of group nature, during the tenure of Vth and VIth semester. A group of not more than five students can undertake one project under the supervision of a faculty member as per the curriculum.

- **GRACE MARKS:**

Grace Marks may be awarded to a student for meritorious achievements in co-curricular activities (in Sports/Arts/NSS/NCC/Student Entrepreneurship) carried out besides the regular hours. Such a benefit is applicable and limited to a maximum of 8 courses in an academic year spreading over two semesters. In addition, maximum of 6 marks per semester can be awarded to the students of UG Programmes, for participating in the College Fitness Education Programme (COFE).

REGISTRATION

Each student shall make an online registration for the courses he/she proposes to take, in consultation with the Faculty Adviser within two weeks from the commencement of each semester. The college shall send a list of students registered for each programme in each semester giving the details of courses registered, including repeat courses, to the University in the prescribed form within 45 days from the commencement of the semester.

A student shall be normally permitted to register for the examination if he/she has required minimum attendance. If the student has a shortage of attendance below 65% in a semester, the student shall be permitted to move to the next semester (if the attendance is more than 50% - Provisional registration) and can write the examination for the entire courses of the semester in which shortage of attendance occurs as supplementary examination only after the completion of the entire programme. In such cases, a request from the student may be forwarded through the Principal of the college to the Controller of Examinations within two weeks of the commencement of the semester. If the attendance is less than 50%, the student is ineligible to continue the programme and has to seek readmission. **There will not be any Repeat semester in CBCSSUG 2019.**

A student who registered for the course shall successfully complete the programme within 6 years from the year of first registration. If not, such candidate has to cancel the existing registration and join afresh as a new candidate.

For open courses there shall be a minimum of 10 and maximum of 75 students per batch. For other courses existing pattern will be followed.

Those students who have followed the UG Programmes in annual pattern or Choice based Credit

minimum credits for obtaining the degree. The final grade card shall show CGPA (corrected to three decimal places), percentage of marks (corrected to two decimal places) and the overall letter grade of a student for the entire programme. The final grade card shall also include the CGPA and percentage of marks of common courses, core courses, complementary courses and open courses separately. This is to be done in a 10- point indirect scale. The final Grade card also contains the list of Audit courses passed and the details of Extra credits.

METHOD OF INDIRECT GRADING

Evaluation (both internal and external) is carried out using Mark system. The Grade on the basis of total internal and external marks will be indicated for each course, for each semester and for the entire programme. Indirect Grading System in 10 point scale is as below:

Table-6: TEN POINT INDIRECT GRADING SYSTEM

Percentage of Marks (Both Internal & External put together)	Grade	Interpretation	Grade point Average (G)	Range of grade points	Class
95 and above	O	Outstanding	10	9.5 - 10	First Class with Distinction
85 to below 95	A+	Excellent	9	8.5 - 9.49	
75 to below 85	A	Very good	8	7.5 - 8.49	
65 to below 75	B+	Good	7	6.5 - 7.49	First Class
55 to below 65	B	Satisfactory	6	5.5 - 6.49	
45 to below 55	C	Average	5	4.5 - 5.49	Second Class
35 to below 45	P	Pass	4	3.5 - 4.49	Third Class
Below 35	F	Failure	0	0	Fail
Incomplete	I	Incomplete	0	0	Fail
Absent	Ab	Absent	0	0	Fail

GUIDELINES FOR THE EVALUATION OF PROJECTS

The evaluation of the project work shall be conducted at the end of the sixth semester, along with the practical examination. Evaluation of the Project Report shall be done under Mark System. The internal to external components is to be taken in the ratio 1:4. The total marks earmarked for the project work is 75 (Internal 15 + External 60). The marks shall be awarded on the basis of the originality, structural and content wise perfection of the work. The evaluation of the project will be done at two stages:

a) **Internal Assessment** (assessed by **Supervising Teachers**)

Internal Assessment should be completed 2 weeks before the last working day of VI Semester. Internal Assessment marks should be published in the Department. Submission of the Project Report and presence of the student for viva are compulsory for internal evaluation. Internal assessment of the project will be based on its content, method of presentation, final conclusion and orientation to research aptitude.

b) **External evaluation** (assessed by **External Examiner** appointed by the University)

Grade for the project will be awarded to candidates, combining the internal and external marks. Project evaluation will be done along with practical examinations. External Examiners will be appointed by the University from the list of VI Semester Board of Examiners in consultation with the Chairperson of the Board. The Chairman of the VI semester examination should form and coordinate the evaluation teams and their work. The Chairman Board of Examinations, may at his discretion, on urgent requirements, make certain exception in the guidelines for the smooth conduct of the evaluation of project. No marks shall be awarded to a candidate if she/ he fails to submit the project report for external evaluation. Project presentations (10 to 15 minutes) should be supported with electronic presentation methods. (PowerPoint / any other similar presentation making program can be used).

Table-7: ASSESSMENT OF DIFFERENT COMPONENTS OF PROJECT

Components		Percentage of marks
Internal (20%)	External (80%)	
Originality	Relevance of the topic, Statement of objectives	20
Methodology	Reference/ Bibliography, Presentation, quality of Analysis/ Use of Statistical tools.	20
Scheme/ Organization of Report	Findings and recommendations	30
Viva – Voce	Viva – Voce	30

The student should get a minimum P Grade in aggregate of External and Internal. There shall be no improvement chance for the Marks obtained in the Project Report. In the extent of student failing to obtain a minimum of Pass Grade, the project work may be re-done and a new internal mark may be submitted by the Parent Department. External examination may be conducted along with the subsequent batch.



UNIVERSITY OF CALICUT

B.Sc. DEGREE PROGRAMME

IN

CHEMISTRY

(CBCSSUG 2019)

UNDER CHOICE BASED CREDIT AND SEMESTER SYSTEM

SCHEME AND SYLLABI

2019 ADMISSION ONWARDS

Core Course Structure - Total Credits: 55 (Internal: 20%; External: 80%)

Semester	Code No	Course Title	Hrs/ Week	Total Hrs	Credit	Marks	
I	CHE1B01	Core Course I: Theoretical and Inorganic Chemistry- I	2	32	2	75	
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-	
II	CHE2B02	Core Course II: Theoretical and Inorganic Chemistry- II	2	32	2	75	
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-	
III	CHE3B03	Core Course III: Physical Chemistry-I	3	48	3	75	
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-	
IV	CHE4B04	Core Course IV: Organic Chemistry-I	3	48	3	75	
	CHE4B05(P)	Core Course V : Inorganic Chemistry Practical-I	2	32	4	100	
V	CHE5B06	Core Course VI: Inorganic Chemistry-III	3	48	3	75	
	CHE5B07	Core Course VII: Organic Chemistry-II	4	64	3	75	
	CHE5B08	Core Course VIII: Physical Chemistry-II	3	48	3	75	
	-	Core Course XIV: Physical Chemistry Practical	5	80	-**	-	
	-	Core Course XV: Organic Chemistry Practical	5	80	-**	-	
	-	Core Course XVIII: Project Work	2	32	-**	-	
VI	CHE6B09	Core Course IX: Inorganic Chemistry-IV	3	48	3	75	
	CHE6B10	Core Course X: Organic Chemistry-III	3	48	3	75	
	CHE6B11	Core Course XI: Physical Chemistry-III	3	48	3	75	
	CHE6B12	Core Course XII: Advanced and Applied Chemistry	3	48	3	75	
	CHE6B13(E1)	Core Course XIII: Elective ***	1. Industrial Chemistry	3	48	2	75
	CHE6B13(E2)		2. Polymer Chemistry				
	CHE6B13(E3)		3. Medicinal and Environmental Chemistry				
	CHE6B14(P)	Core Course XIV: Physical Chemistry Practical	-	-	4**	100	
	CHE6B15(P)	Core Course XV: Organic Chemistry Practical	-	-	4**	100	
	CHE6B16(P)	Core Course XVI: Inorganic Chemistry Practical-II #	5	80	4	100	
	CHE6B17(P)	Core Course XVII: Inorganic Chemistry Practical-III	5	80	4	100	
	CHE6B18(Pr)	Core Course XVIII: Project Work	-	-	2**	75	
Total					55	1475	

* Exam will be held at the end of 4th semester

** Exam will be held at the end of 6th semester

*** An institution can choose any one among the three courses.

Includes industrial visit also. Marks: 85 (Inorganic Chemistry Practical–II) + 15 (Industrial visit).

B.Sc. DEGREE PROGRAMME

CHOICE BASED CREDIT

**SEMESTER SYSTEM
(CBCSSUG Regulations 2019)**

MATHEMATICS

**(CORE, OPEN & COMPLEMENTARY
COURSES)**

SYLLABUS

(Effective from 2019 admission onwards)



UNIVERSITY OF CALICUT

Syllabus structure

Core Courses

The following courses are compulsory for BSc Mathematics programme.

Sl. No	Code	Name of the course	Semester	No of contact hours/Week	Credits	Max. Marks			Exam dur.(Hrs)
						Internal	External	Total	
1	MTS1B01	Basic Logic and Number Theory	1	4	4	20	80	100	2.5
2	MTS2B02	Calculus of Single variable-1	2	4	4	20	80	100	2.5
3	MTS3B03	Calculus of Single variable-2	3	5	4	20	80	100	2.5
4	MTS4B04	Linear Algebra	4	5	4	20	80	100	2.5
5	MTS5B05	Theory of Equations and Abstract Algebra	5	5	4	20	80	100	2.5
6	MTS5B06	Basic Analysis	5	5	4	20	80	100	2.5
7	MTS5B07	Numerical Analysis	5	4	3	15	60	75	2
8	MTS5B08	Linear Programming	5	3	3	15	60	75	2
9	MTS5B09	Introduction to Geometry	5	3	3	15	60	75	2
		Project	5	2					
10		Open Course (Offered by Other Departments)	5	3	3	15	60	75	2
11	MTS6B10	Real Analysis	6	5	5	20	80	100	2.5
12	MTS6B11	Complex Analysis	6	5	5	20	80	100	2.5
13	MTS6B12	Calculus of Multi variable	6	5	4	20	80	100	2.5
14	MTS6B13	Differential Equations	6	5	4	20	80	100	2.5
15	MTS6B14	Elective	6	3	2	15	60	75	2
16	MTS6P15(PR)	Project Viva	6	2	2	15	60	75	
				68	58			1450	

UNIVERSITY OF CALICUT

B.Sc. PROGRAMME IN APPLIED PHYSICS

(B.Sc. in Language reduced pattern)

SYLLABUS & MODEL QUESTION PAPERS

w.e.f. 2019 admission onwards

CBCSSUG Regulations 2019

Core Course Structure
Total Credits: 56 (Internal: 20%; External: 80%)

<i>Semester</i>	<i>Code No</i>	<i>Course Title</i>	<i>Hours/ Week</i>	<i>Total Hours</i>	<i>Credit</i>	<i>Marks</i>	
1	APH1B01	Core Course I: Methodology of Science and Basic Mechanics	2	36	2	75	
	-	Core Course V (1): Practical-I(1)	2	36	-*	-	
2	APH2B02	Core Course II: Mechanics	2	36	2	75	
	-	Core Course V(1) : Practical-I(1)	2	36	-*	-	
3	APH3B03	Core Course III: Electrodynamics-I	3	54	3	75	
	-	Core Course V(1) : Practical-I(1)	2	36	-*	-	
	-	Core Course V(2) : Practical-I(2)	2	36	-*	-	
4	APH4B04	Core Course IV: Electrodynamics-II	3	54	3	75	
	APH4B05(1)	Core Course V(1) : Practical-I(1)	2	36	5	100	
	APH4B05(2)	Core Course V(2) : Practical-I(2)	2	36	4	100	
5	APH5B06	Core Course VI: Computational Physics	3	54	3	75	
	APH5B07	Core Course VII: Quantum Mechanics	3	54	3	75	
	APH5B08	Core Course VIII: Optics	3	54	3	75	
	APH5B09	Core Course IX: Electronics (Analog and Digital)	3	54	3	75	
		Core Course XIV: Practical II	4	72	-**	-	
		Core Course XV: Practical III	4	72	-**	-	
		Core Course XVII: Project Work	2	36	-**	-	
6	APH6B10	Core Course X: Thermodynamics	3	54	3	75	
	APH6B11	Core Course XI: Statistical Physics, Solid State Physics, Spectroscopy and Photonics	3	54	3	75	
	APH6B12	Core Course XII: Nuclear Physics and Particle Physics	3	54	3	75	
	APH6B13	Core Course XIII Relativistic mechanics and Astrophysics	3	54	3	75	
	APH6B14 (EL1)	Core Course XIV: Elective ***	1. Op-amps and Digital Integrated circuits	3	54	3	75
	APH6B14 (EL2)		2. Microprocessor and Microcomputer systems				
	APH6B14 (EL3)		3. Communications systems				
	APH6B15	Core Course XV: Practical -II	4	72	5**	100	
APH6B16	Core Course XVI: Practical-III	4	72	5**	100		

	APH6B17 (P/R)	Core Course XVII: Project Work /Research Methodology and Tour Report	2 1	36	3**	60 15
Total					56	1450

* Exam will be held at the end of 4th semester

** Exam will be held at the end of 6th semester

*** An institution can choose any one among the three courses.

UNIVERSITY OF CALICUT



B.Sc. ZOOLOGY PROGRAMME

[CBCSS UG 2019]

SYLLABUS

Core Courses

Open Courses

Complementary Courses

&

Model Question Papers

EFFECTIVE FROM 2019 ADMISSION

Table 5
B.Sc. ZOOLOGY (CORE) PROGRAMME
STRUCTURE OF CORE, OPEN AND ELECTIVE COURSES

Course code, Title, Instructional hours, Credits, Marks and Examination duration in various semesters

Total Credits: 58
(w.e.f. 2019 Admission)

Semester	Core/Open/ Elective courses	Code	Course Title	Instructional hours/week	Instructional hrs in a semester	Credits	External Marks	Internal marks	Total marks	Duration of Exam (hrs)
I	Theory I	ZOL1B01T	Animal Diversity : Nonchordata Part-I	2	36	2	60	15	75	2
	Practical I*A	--	Practical related to ZOL1B01T	2	36	*	--	--	--	
II	Theory II	ZOL2B02T	Animal Diversity : Nonchordata Part-II	2	36	2	60	15	75	2
	Practical I*B	--	Practical related to ZOL2B02T	2	36	*	--	--	--	
III	Theory III	ZOL3B03T	Animal Diversity: Chordata Part-I	3	54	3	60	15	75	2
	Practical I*C	--	Practical related to ZOL3B03T	2	36	*	--	--	--	
IV	Theory IV	ZOL4B04T	Animal Diversity: Chordata Part-II	3	54	3	60	15	75	2
	Practical I*D	--	Practical related to ZOL4B04T	2	36	*	--	--	--	
	Practical-I {I*A +I*B+ I*C+ I*D}	ZOL4B05P	Zoology Core Practical I (Practical related to ZOL1B01T,02T,03T and 04T)	8	144	4	80	20	100	4
V	Theory V	ZOL5B06T	Cell Biology and Genetics	3	54	4	80	20	100	2.5
	Theory VI	ZOL5B07T	Biotechnology, Microbiology and Immunology	4	72	4	80	20	100	2.5
	Practical II*A	--	Practical related to ZOL5B06T & 07T	4	72	**	--	--	--	
	Theory VII	ZOL5B08T	Biochemistry and Molecular Biology	4	72	4	80	20	100	2.5
	Theory VIII	ZOL5B09T	Methodology in Science, Biostatistics and Bioinformatics	3	54	4	80	20	100	2.5
	Practical II*B	--	Practical related to ZOL5B08T, & 09T	4	72	**	--	--	--	
	#Open Course +++ (for other streams)	ZOL5D01T ZOL5D02T ZOL5D03T	• Reproductive Health and Sex Education • Nutrition, Health & Hygiene • Applied Zoology (Any one) #	3	54	3	60	15	75	2
VI	Theory IX	ZOL6B10T	Physiology and Endocrinology	3	54	3	60	15	75	2
	Theory X	ZOL6B11T	Reproductive and Developmental Biology	3	54	3	60	15	75	2
	Practical III*A	--	Practical related to ZOL6B10T & 11T	4	72	**	--	--	--	
	Theory XI	ZOL6B12T	Environmental and Conservation Biology	3	54	3	60	15	75	2
	Theory XII	ZOL6B13T	Ethology, Evolution and Zoogeography	3	54	3	60	15	75	2

Semester	Core/Open/ Elective courses	Code	Course Title	Instructional hours/week	Instructional hrs in a semester	Credits	External Marks	Internal marks	Total marks	Duration of Exam (hrs)
	Theory XIII Elective Course##	ZOL6B14(E)01T ZOL6B14(E)02T ZOL6B14(E)03T	<ul style="list-style-type: none"> • Human Genetics • Aquaculture, Animal Husbandry & Poultry science • Applied Entomology (Any one) ##	3	54	2	60	15	75	2
	Practical III*B	--	Practical related to theory core course ZOL6B12T, 13T & ZOL6B14 (E)01T/ (E)02T/ (E)03T	4	72	**	--	--	--	
			Project work / Field study	2	32	***	--	--	--	
	Practical II (II*A +II*B)	ZOL6B15P	Zoology Core Practical II (Practical related to ZOL5B06T, 07T, 08T, 09T)	8	144	4**	80	20	100	4
	Practical III (III*A +III*B)	ZOL6B16P	Zoology Core Practical III (Practical related to ZOL6B10T, 11T, 12T, 13T & 14T (E)01/(E)02/(E)03)	8	144	4**	80	20	100	4
		ZOL6B17PF	Project work & Field study	--	--	2+1 ***	60	15	75	
			Total			58	1220	305	1525	

Core courses 1450 + Open course 75 = 1525 Marks

Scheme of evaluation: External 80 % +Internal 20 %

* Practical examination for 1st, 2nd, 3rd and 4th semesters will be held at the end of IV semester.

** Practical examination for 5th and 6th semesters will be held at the end of VI semester.

*** **Project work – 2 credits; Field study – 1 credit.** External evaluation of Project work and Field study report will be conducted at the end semester VI after Practical III (External: 80% Marks + Internal: 20 % marks; **Total: 75 Marks**). (It includes a Viva-voce based on report of Project work and field study).

Project: External 48 marks + Internal 12 marks = **60** marks

Field study report: External 12 marks +Internal 3 marks = **15** marks

Open course of any one course (ZOL5D01T/ ZOL5D02T/ ZOL5D03T) opted by the dept. is for other streams.

Open course Theory: 80% marks for external and 20% marks for internal evaluation.

+++ See Appendix of Open course

Elective course of any one course (ZOL6B14(E)01/ ZOL6B14(E)02/ ZOL6B14(E)03) opted by the dept. is for Core course.

UNIVERSITY OF CALICUT
THENHIPALAM, CALICUT UNIVERSITY P.O



DEGREE OF

BACHELOR OF COMPUTER APPLICATION

(B. C. A)

**(CHOICE BASED CREDIT AND SEMESTER SYSTEM FOR
UNDERGRADUATE CURRICULUM)**

**UNDER THE
FACULTY OF SCIENCE**

SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2019 – 20 ONWARDS)

BOARD OF STUDIES IN COMPUTER SCIENCE (UG)

THENHIPALAM, CALICUT UNIVERSITY P.O

KERALA, 673 635, INDIA

JUNE, 2019

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a medical certificate issued by a physician not below the rank of a Civil Surgeon in Government service, may be permitted to repeat the course, with a written order issued by the Registrar, Calicut University (by considering his/her SGPA/CGPA and percentage of attendance). The number of such candidates should not exceed two.

Grace Marks: Grace Marks may be awarded to a student for meritorious achievements in co-curricular activities (in Sports/Arts/ NSS/NCC/ Student Entrepreneurship) carried out besides the regular class hours. Such a benefit is applicable and limited to a maximum of 8 courses in an academic year spreading over two semesters. No credit shall be assigned for such activities. In addition, maximum of 6 marks per semester can be awarded to the students of UG Programmes, for participating in the College Fitness Education Programme (COFE).

Project: Every student of a UG degree programme shall have to work on a project of 2 credits under the supervision of a faculty member or shall write a theory course based on Research Methodology as per the curriculum. College shall have the liberty to choose either of the above.

Extension Activities: Compulsory social service (CSS) for a period of 15 days is essential for the successful completion of the BCA Programme.

ADMISSION

The admission to all programmes will be as per Rules and Regulations of the University. The eligibility criteria for admission shall be as announced by the University from time to time. Separate rank lists shall be drawn up for reserved seats as per the existing rules.

The admitted candidates shall subsequently undergo the prescribed courses of study in a college affiliated to the University for six semesters within a period of not less than three years; clear all the examinations prescribed and fulfil all such conditions as prescribed by the University from time to time.

The college shall make available to all students admitted a **prospectus** listing all the courses offered in various departments during a particular semester. The information so provided shall contain title of the courses, the semester in which it is offered and credits for the courses. Detailed syllabi shall be made available in the University/college websites.

There shall be a uniform **calendar** prepared by the University for the registration, conduct/schedule of the courses, examinations and publication of results. The University shall ensure that the calendar is strictly followed.

There shall be provision for **Inter Collegiate and Inter University Transfer** in third

List of Open Courses (XXX5DXX)

No	Course Code	Course Name
29	BCA5D01	Introduction to Computers and Office Automation
29	BCA5D02	Web Designing
29	BCA5D03	Introduction to Problem Solving and C Programming
29	BCA5D04	Introduction to Data Analysis using spread sheet

Semester VI

No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				I	E	T	L	P	T
30	BCA6B11	Android Programming	3	15	60	75	4	3	7
31	BCA6B12	Operating Systems	3	15	60	75	4	3	7
32	BCA6B13	Computer Networks	3	15	60	75	5	0	5
33	BCA6B14	Programming Laboratory III: Java and PHP Programming	4	20	80	100	0	0	0
34	BCA6B15	Programming Laboratory IV: Android and Linux shell Programming	4	20	80	100	0	0	0
35	BCA6B16X	Elective Course	3	15	60	75	4	0	4
36	BCA6B17	Industrial Visit & Project Work (Industrial Visit- 1 Credit, Project Work- 2 Credit)	3	20	80	100	0	2	2
Total			23			600	17	8	25

List of Electives (BCA5B16X)

No	Course Code	Course Name
35	BCA6B16A	System Software
35	BCA6B16B	Machine Learning
35	BCA6B16C	Software Testing and Quality Assurance



UNIVERSITY OF CALICUT

REGULATIONS

BACHELOR OF BUSINESS ADMINISTRATION (BBA) DEGREE

PROGRAMME UNDER CUCBCSS-UG-2019

**REGULATIONS GOVERNING BACHELOR OF BUSINESS ADMINISTRATION (BBA)
DEGREE PROGRAMME UNDER CUCBCSS-UG-2019**

(Effective from 2019-2020 Academic year onwards)

5.1 Details of Courses of study leading to the award of BBA :

Semester - I

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BBA1A01 English	4	4	20	80	100
Common	BBA 1A02 English	5	3	15	60	75
Common	BBA1A07 Language other than English	5	4	20	80	100
Core	BBA1B01 Management Theory and Practices	6	4	20	80	100
Compl	BBA1C01 Managerial Economics	5	4	20	80	100
Total		25	19	95	380	475

Semester - II

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BBA2A03 English	4	4	20	80	100
Common	BBA2A04 English	5	3	15	60	75
Common	BBA2A08 Language Other than English	5	4	20	80	100
Core	BBA2B02 Financial Accounting	6	4	20	80	100
Core	BBA2B03 Marketing	5	4	20	80	100
Total		25	19	95	380	475

Semester - III

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BBA3A11 Basic Numerical Methods	5	4	20	80	100
Common	BBA3A12 Professional Business Skills	4	4	20	80	100
Core	BBA3B04 Corporate Accounting	6	4	20	80	100
Core	BBA3B05 Financial Management	5	4	20	80	100
Compl.	BBA3C02 Business Regulations	5	4	20	80	100
Total		25	20	100	400	500

Semester - IV

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BBA4A13 Entrepreneurship Development	5	4	20	80	100
Common	BBA4A14 Banking and Insurance	4	4	20	80	100
Core	BBA4B06 Cost & Management Accounting	6	4	20	80	100
Compl	BBA4C04 Corporate Regulations	5	4	20	80	100
Compl.	BBA4C05 Quantitative Techniques for Business	5	4	20	80	100
Total		25	20	100	400	500

Semester - V

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BBA5B07 Human resources Management	4	4	20	80	100
Core	BBA5B08 Business Research Methods	4	3	15	60	75
Core	BBA5B09 Operations Management	4	4	20	80	100
Core	BBA5B10 Elective 1	5	4	20	80	100
Core	BBA5B11 Elective 2	5	4	20	80	100
Open	BBA5D01 Open Course (for Students from Other Departments)	3	3	15	60	75
Total		25	22	110	440	550

Semester - VI

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BBA6B12 Organisational Behaviour	5	4	20	80	100
Core	BBA6B13 Management Science	5	4	20	80	100
Core	BBA6B14.Project Management	3	2	15	60	75
Core	BBA6B15 Elective 3	5	4	20	80	100
Core	BBA6B16 Elective 4	5	4	20	80	100
Core Project	BBA6B17 (PR) Three Weeks Project and Viva- Voce	2	2	15	60	75
Total		25	20	110	440	550



UNIVERSITY OF CALICUT

**REGULATIONS GOVERNING BACHELOR OF
COMMERCE DEGREE PROGRAMME UNDER CBCSSUG
2019**

EFFECTIVE FROM ACADEMIC YEAR 2019-20 ADMISSIONS

UNIVERSITY OF CALICUT

REGULATIONS GOVERNING **BACHELOR OF COMMERCE** DEGREE PROGRAMME UNDER CBCSSUG 2019 EFFECTIVE FROM ACADEMIC YEAR 2019-20 (B.COM ADMISSIONS 2019-20)

1.0 Title of the Programme

This DEGREE shall be called BACHELOR OF COMMERCE (B.Com).

2.0 Eligibility for admission

Any candidate who has passed the Plus Two of the Higher Secondary Board of Kerala or Pre Degree of Calicut University or that of any other University or Board of Examinations in any state recognized as equivalent to the Plus Two of the Higher Secondary Board in Kerala, with not less than 45% marks in aggregate is eligible for admission, However, SC/ST, OBC and other eligible communities shall be given relaxation as per University rules.

3.0 Duration of the programme

The duration of the B.Com programme of study is three academic years with six semesters.

4.0 Medium of Instruction

The medium of instruction and examination shall be English.

5.0 Courses of study

Total number of courses (other than audit courses) for the whole B.Com Programme is 31. It is divided in to courses namely:-

1. Common courses
2. Core courses
3. Complementary courses and
4. Open courses

The course of study leading to the award of B.Com shall comprise the following:-

5.1 Semester I

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM1A01(English)	4	4	20	80	100
Common	BCM1A02 (English)	5	3	20	80	100
Common	BCM1A07 (Language)	5	4	20	80	100
Core	BCM1B01 Business Management	6	4	20	80	100
Compl.	BCM1C01 Managerial Economics	5	4	20	80	100
	Total	25	19	100	400	500

Core	BCM3B04 Corporate Accounting	6	4	20	80	100
Compl.	BCM3C03 Human Resources Management	5	4	20	80	100
	Total	25	20	100	400	500

Semester IV

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM4A13 Entrepreneurship Development	5	4	20	80	100
Common	BCM4A14 Banking and Insurance	5	4	20	80	100
Core	BCM4B05 Cost Accounting	6	4	20	80	100
Core	BCM4B06 Corporate Regulations	4	4	20	80	100
Compl.	BCM4C04 Quantitative Techniques for Business	5	4	20	80	100
	Total	25	20	100	400	500

Semester V

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM5B07 Accounting for Management	5	4	20	80	100
Core	BCM5B08 Business Research Methods	4	4	20	80	100
Core	BCM5B09 Income Tax Law and Accounts	5	4	20	80	100
Core	BCM5B10 Course in Specialisation	4	4	20	80	100
Core	BCM5B11 Course in Specialisation	4	4	20	80	100
Open	BCM5D01 Open Course (For students from other Departments)	3	3	10	40	50
	Total	25	23	110	440	550

Semester VI

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM6B12 Income Tax and GST	6	4	20	80	100
Core	BCM6B13 Auditing and Corporate Governance	5	4	20	80	100
Core	BCM6B14 Course in Specialisation	5	4	20	80	100
Core	BCM6B15 Course in Specialisation	5	5	20	80	100
Core Project	BCM6B16 (PR) Three Weeks Project and Viva-Voce	4	2	10	40	50
	Total	25	19	90	360	450

Core Courses in the area of Specialization:

UNIVERSITY OF CALICUT
THENHIPALAM, CALICUT UNIVERSITY P.O



DEGREE OF
BACHELOR OF VOCATION (B.VOC)
IN
SOFTWARE DEVELOPMENT

UNDER THE
FACULTY OF SCIENCE

SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2014–15 ONWARDS)

BOARD OF STUDIES IN COMPUTER SCIENCE (UG)

THENHIPALAM, CALICUT UNIVERSITY P.O

KERALA, 673635, INDIA

JULY, 2014

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BACHELOR OF VOCATION (SOFTWARE DEVELOPMENT)

PROGRAMME STRUCTURE

SEMESTER I									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
1.1	GEC1EG01	A01 Transactins essential English Language skills	4	20	80	100	4		4
1.2	GEC1ML02	MAL1A01(2) Malayalam – Bhashayum Sahithyavum-I A07(3) – Prose and one act plays	4	20	80	100	4		4
	GEC1HD02								
1.3	GEC1DM03	(CA1C02) Discrete Mathematics	4	20	80	100	4		4
1.4	SDC1IT01	Fundamentals of Computer & Programming in C	5	20	80	100	5		5
1.5	SDC1IT02	Internet Programming	4	20	80	100	4		4
1.6	SDC1IT03 (P)	Programming in C - Lab	5	20	80	100		5	5
1.7	SDC1IT04 (P)	Internet Programming -Lab	4	20	80	100		4	4
Semester I Total			30			700	21	9	30
SEMESTER II									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
2.1	GEC2EG04	A02 Ways with words	4	20	80	100	4		4
2.2	GEC2ML05	MAL2A02(2) Malayalam- Bhashayum Sahithyavum-II A09 (3) Poetry and short stories	4	20	80	100	4		4
	GEC2HD05								
2.3	GEC2NM06	A09(3) Basic Numeric Skills	4	20	80	100	4		4
2.4	SDC2IT05	Data Structures	4	20	80	100	4		4
2.5	SDC2IT06	Programming in Java	5	20	80	100		5	5
2.6	SDC2IT07(P)	Data Structures through Java - Lab	5	20	80	100		5	5

2.7	SDC2IT08 (Pr)	Mini Project	4	0	100	100		4	4
Semester II Total			30			700	21	9	30
SEMESTER III									
C. No	Course Code	Course Name	Credit	Marks			Hrs/ wk		
				Int	Ext	Tot	T	P	Tot
3.1	GEC3EG07	A03 Writing for Academic and professional Success	4	20	80	100	4		4
3.2	GEC3TW08	Technical Writing & SEO	4	20	80	100	4		4
3.3	GEC3ES09	(EWM1B01) Environmental Science	4	20	80	100	4		4
3.4	SDC3IT09	Basic Networking Concepts	4	20	80	100	4		4
3.5	SDC3IT10	Introduction to RDBMS and SQL	5	20	80	100	5		5
3.6	SDC3IT11(P)	Networking - Lab	4	20	80	100		4	4
3.7	SDC3IT12(P)	Database - Lab	5	20	80	100		5	5
Semester III Total			30			700	21	9	30
SEMESTER IV									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
4.1	GEC4EG10	04 Zeitgeist: Reading on Society and culture	4	20	80	100	4		4
4.2	GEC4SE11	Software Engineering Principles	4	20	80	100	4		4
4.3	GEC4ED12	(A14) Entrepreneurship Development	4	20	80	100	4		4
4.4	SDC4IT13	Operating Systems	4	20	80	100	4		4
4.5	SDC4IT14	Advanced Computer Networks	5	20	80	100	5		5
4.6	SDC4IT15(P)	Networking & OS - Lab	5	20	80	100		5	5
4.7	SDC4IT16 (Pr)	Project	4	0	100	100		4	4
Semester IV Total			30			700	21	9	30
SEMESTER V									
C. No	Course Code	Course Name	Credit	Marks			Hrs/ wk		
				Int	Ext	Tot	T	P	Tot
5.1	GEC5HR13	BC5B09 Human Resource Management	4	20	80	100	4		4

5.2	SDC5IT17	.Net and Database Administration	4	20	80	100	4		4
5.3	GEC5LS15	(S04B.06)Life Skill Development	4	20	80	100	4		4
5.4	SDC5IT18 (E1/E2)	J2EE/ Python Programming and Mobile Web	5	20	80	100	5		5
5.5	SDC5IT19 (E3/E4)	Mobile Software Development using Android / Programming Mobile Application	4	20	80	100	4		4
5.6	SDC5IT20(P)	.Net and Database - Lab	4	20	80	100		4	4
5.7	SDC5IT21(P)	Android and Python Programming - Lab	5	20	80	100		5	5
Semester V Total			30			700	21	9	30
SEMESTER VI									
C. No	Course Code	Course Name	Credit	Marks			Hrs		
				Int	Ext	Tot	T	P	Tot
6.1	SDC6IT22 (Pr)	Internship & Project (900 hrs.)	30	0	100	100		90	900
Semester VI Total			30			100			900
Grant Total			180			360			0

Semester 1

SEMESTER I									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
1.1	GEC1EG01	A01 Transactins essential English Language skills	4	20	80	100	4		4
1.2	GEC1ML02	MAL1A01(2) Malayalam – Bhashayum Sahithyavum-I	4	20	80	100	4		4
	GEC1HD02	A07(3) – Prose and one act plays							
1.3	GEC1DM03	(CA1C02) Discrete Mathematics	4	20	80	100	4		4

UNIVERSITY OF CALICUT
THENHIPALAM, CALICUT UNIVERSITY P.O



DEGREE OF
BACHELOR OF VOCATION (B.VOC)
IN
MULTIMEDIA

UNDER THE
FACULTY OF SCIENCE

SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2014–15 ONWARDS)

BOARD OF STUDIES IN COMPUTER SCIENCE (UG)

THENHIPALAM, CALICUT UNIVERSITY P.O

KERALA, 673635, INDIA

JULY, 2014

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BACHELOR OF VOCATION (Multimedia)

PROGRAMME STRUCTURE

SEMESTER I									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
1.1	GEC1EG01	A01 Transactins essential English Language skills	4	20	80	100	4		4
1.2	GEC1ML02 GEC1HD02	MAL1A01(2) Malayalam – Bhashayum Sahithyavum-I A07(3) – Prose and one act plays	4	20	80	100	4		4
1.3	GEC1FC03	Fundamentals of Computer	4	20	80	100	4		4
1.4	SDC1MM01	Office Automation & Malayalam Computing	4	20	80	100	4		4
1.5	SDC1MM02	New Media,Internet and Programming Web	5	20	80	100	5		5
1.6	SDC1MM03 (P)	Office Automation & Malayalam Computing Lab	4	20	80	100		5	5
1.7	SDC1MM04 (P)	Internet Programming Lab	5	20	80	100		4	4
Semester I Total			30			700	21	9	30
SEMESTER II									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
2.1	GEC2EG04	A02 Ways with words	4	20	80	100	4		4
2.2	GEC2ML05 GEC2HD05	MAL2A02(2) Malayalam-Bhashayum Sahithyavum-II A09 (3) Poetry and short stories	4	20	80	100	4		4
2.3	GEC2NM06	A09(3) Basic Numeric Skills	4	20	80	100	4		4
2.4	SDC2MM05	Multimedia Tools & Techniques	4	20	80	100	4		4
2.5	SDC2MM06	Photography & Visual Effects	5	20	80	100	5		5

2.6	SDC2MM07 (P)	Multimedia Tools & Techniques Lab	5	20	80	100		5	5
2.7	SDC2MM08 (Pr)	Mini Project	4	0	100	100		4	4
Semester II Total			30			700	21	9	30
SEMESTER III									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
3.1	GEC3EG07	A03 Writing for Academic and professional Success	4	20	80	100	4		4
3.2	GEC3CW08	Creative writing TV and Film	4	20	80	100	4		4
3.3	GEC3ES09	(EWM1B01) Environmental Science	4	20	80	100	4		4
3.4	SDC3MM09	Digital Video Production	4	20	80	100	4		4
3.5	SDC3MM10	Introduction to Animation	5	20	80	100	5		5
3.6	SDC3MM11 (P)	Animation Lab	4	20	80	100		4	4
3.7	SDC3MM12 (P)	Digital Video Production Lab	5	20	80	100		5	5
Semester III Total			30			700	21	9	30
SEMESTER IV									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
4.1	GEC4EG10	04 Zeitgeist: Reading on Society and culture	4	20	80	100	4		4
4.2	GEC4PP11	Pre-Production	4	20	80	100	4		4
4.3	GEC4ED12	(A14) Entrepreneurship Development	4	20	80	100	4		4
4.4	SDC4MM13	Production and Post-Production	4	20	80	100	4		4
4.5	SDC4MM14	Advanced Techniques In Graphics and Animation	5	20	80	100	5		5
4.6	SDC4MM15 (P)	Graphics and Animation	5	20	80	100		5	5
4.7	SDC4MM16 (Pr)	Project	4	0	100	100		4	4
Semester IV Total			30			700	21	9	30
SEMESTER V									

C. No	Course Code	Course Name	Credit	Marks			Hrs/ wk		
				Int	Ext	Tot	T	P	Tot
5.1	GEC5HR13	BC5B09 Human Resource Management	4	20	80	100	4		4
5.2	SDC5MM17	Media Laws and Ethics	4	20	80	100	4		4
5.3	GEC5LS15	(SO4 B.06) Life Skill Development	4	20	80	100	4		4
5.5	SDC5MM18	Graphics and Animation in Advertising	4	20	80	100	4		4
5.6	SDC5MM19	3D, Scripting and Game Development	5	20	80	100	5		5
5.7	SDC5MM20 (P)	Graphics and Animation in Advertising Lab	4	20	80	100		4	4
5.8	SDC5MM21 (P)	3D Scripting and Game Development Lab	5	20	80	100		5	5
Semester V Total			30			700	21	9	30
SEMESTER VI									
C. No	Course Code	Course Name	Credit	Marks			Hrs		
				Int	Ext	Tot	T	P	Tot
6.1	SDC6MM22 (Pr)	Internship & Project (900 hrs.)	30	0	100	100		900	900
Semester VI Total			30			100			900
Grant Total			180			3600			

Semester 1

SEMESTER I

UNIVERSITY OF CALICUT

THENHIPALAM, CALICUT UNIVERSITY P.O



DEGREE OF

BACHELOR OF VOCATION (B.VOC)

IN

BANKING, FINANCIAL SERVICES

&

INSURANCE

UNDER THE

FACULTY OF COMMERCE

SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2014–15 ONWARDS)

THENHIPALAM, CALICUT UNIVERSITY P.O

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JULY, 2014

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Proposed Syllabus

for

Bachelor of Vocation (B.Voc)

IN

BANKING, FINANCIAL SERVICE & INSURANCE

As per the guidelines of UGC



CARMEL COLLEGE, MALA

[Nationally re-accredited with 'A' grade]

Mala, Thrissur-680 732

Ph: 0480-2890247

E-mail : carmelcollege@rediffmail.com

Regulations for BVoc Programmes, University of Calicut

1. Title
2. Scope
3. Objectives
4. Terms and Definition
5. Programme Structure
6. Levels of Awards
7. Duration of the Course
8. Sector/Specializations
9. Board of Studies
10. Conditions for Admissions
 - a) Eligibility(plus two, Vocational HS, Diploma)
 - b) Reservation/ Quota
 - c) Fees and Scholarships
11. Course Calendar
12. Assessment of Students
 - a) Theory(internal/external)
 - b) Practical(internal/external)
 - c) **Project and internship**
13. Pattern of Questions for Semester-End Examinations
 - a) Theory
 - b) Practical Subjects
14. Credit system
15. Grading- Indirect Grading System
16. Grade Cards
17. Attendance
18. Registration/Re-registration
19. Examination Monitoring Cell
 - a) College Level
 - b) University level
20. Electives
21. Grievance Cell
22. Anti Ragging cell
23. College Transfer
24. Transitory provision
25. 27 Annexure

5. Mark Distribution (Sample)

Sem No	Course No	Code	Paper	Credits/ hrs/ week	Marks		
					Internal	External	Total
1	1.1	GEC1EG01	Communication Skills in English	4	20	80	100
	1.2	GEC1MT01	Mathematics 1	4	20	80	100
	1.3	GEC1ML01 GEC1AR01 GEC1HD01	Optional Language (Malayalam/Arabic/Hindi)	4	20	80	100
	1.4	SDC1EC01	Fundamentals of computer & Programming in C	4	20	80	100
	1.5	SDC1IT01	Internet programming	5	20	80	100
	1.6	SDC1EC02(P)	Programming in C	4	20	80	100
	1.7	SDC1IT02(P)	Internet Programming lab	5	20	80	100
2	2.1	GEC2EG02	Reading Literature in English	4	20	80	100
	2.2	GEC2MT02	Mathematics II Numerical Methods	4	20	80	100
	2.3	GEC2PH01	Digital fundamentals	4	20	80	100
	2.4	SDC2CS01	Data structures	4	20	80	100
	2.5	SDC2IT03	Programming in Java	5	20	80	100
	2.6	SDC2IT04(P)	Ds through Java	5	20	80	100
	2.7	SDC2IT05(Pr)	Mini Project	4	0	100	100
3	3.1	GEC3EG03	General Informatics	4	20	80	100
	3.2	GEC3MT03	Technical writing skills	4	20	80	100
	3.3	GEC3ES01	Environmental Science	4	20	80	100
	3.4	SDC3IT06	Basic Networking Concepts	4	20	80	100
	3.5	SDC3IT07	Introduction to RDBMS and SQL	5	20	80	100
	3.6	SDC3IT08(P)	Graphics, animation &CADD Lab	4	20	80	100
	3.7	SDC3IT09(P)	Database & Networking Lab	5	20	80	100
4	4.1	GEC4EG04	History and Philosophy of Science	4	20	80	100
	4.2	GEC4MT04	Software Engineering principles	4	20	80	100
	4.3	GEC4HS01	Health & Safety Education	4	20	80	100
	4.4	SDC4IT10	Operating Systems	4	20	80	100
	4.5	SDC4IT11	Advanced Computer Networks	5	20	80	100
	4.6	SDC4IT12(P)	Networking & OS Lab	5	20	80	100
	4.7	SDC4IT13 (Pr)	Project	4	0	100	100
5	5.1	GEC5IM05	Industrial Management	4	20	80	100
	5.2	GEC5IP01	Industrial Psychology and Counselling	4	20	80	100
	5.3	GEC5LS01	Life Skill Education & Presentation Skill	4	20	80	100
	5.4	GEC5ED01	Entrepreneurship Development & HRM	4	20	80	100
	5.5	SDC5IT14	J2ee/.dot net/Mobile Software Development using Android	5	20	80	100
	5.6	SDC5IT15	Python Programming and Mobile Web	4	20	80	100
	5.7	SDC5IT16(P)	Android and Python P programming	5	20	80	100
6	6.1	SDC6IT17(P)	Internship and Project(900hrs)	30	0	100	100
					Total		

UNIVERSITY OF CALICUT



DEGREE OF
BACHELOR OF VOCATION (B.VOC)
IN
ACCOUNTING AND TAXATION

UNDER THE
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SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2018–19ONWARDS)

THENHIPALAM, CALICUT UNIVERSITY P.O
KERALA, 673635, INDIA

JULY,2018

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Proposed Syllabus

for

Bachelor of Vocation (B.Voc)

IN

ACCOUNTING AND TAXATION

As per the guidelines of UGC



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Regulations for BVoc Programmes, University of Calicut

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 - b) University level
20. Electives
21. Grievance Cell
22. Anti Ragging cell

**BACHELOR OF VOCATION
(ACCOUNTING & TAXATION)**

Programme Structure

SEMESTER I									
NSQF Level 4									
C. No	Course Code	Course Name	Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
1.1	GEC1EG01	A01 Transactions essential English Language skills	4	20	80	100	60		60
1.2	GEC1ML02	MAL1A01(2) Malayalam - Bhashayum Sahithyavum-I	4	20	80	100	60		60
	GEC1HD02	A07(3) – Prose and One Act plays							
1.3	GEC1BM03	(BC1B01) Business Management	4	20	80	100	60		60
1.4	SDC1AT01	Principles of Taxation	4	20	80	100	60		60
1.5	SDC1AT02	Financial Accounting	5	20	80	100	75		75
1.6	SDC1AT03(P)	Office Automation Tools - Lab and Communicative English	3 2	20	80	100		75	75
1.7	SDC1AT04(P)	Financial Accounting using Tally - Lab	4	20	80	100		60	60
Semester I Total			30			700	315	135	450
Job Roles with QP Codes :		Aligned : BSC/Q0301 Business Correspondent / Business Facilitator SSC/Q 2212 Domestic Data Entry Operator BSC / Q 1001 Accounts Executive (Recording and Reporting)							
		Not Aligned Account Assistant using Tally							
SEMESTER II									
C.	Course Code	Course Name	Cre	Marks			Hrs/wk		

No			dit	Int	Ext	Tot	T	P	Tot
2.1	GEC2EG04	A02 Ways with words: Literature in English	4	20	80	100	60		60
2.2	GEC2ML05	MAL2A02(2) Malayalam-Bhashayum Sahithyavum-II	4	20	80	100	60		60
	GEC2HD05	A09 (3) – Poetry and short stories							
2.3	GEC2BN06	(BC3A11) Basic Numerical Skills	4	20	80	100	60		60
2.4	SDC2AT05	Direct Taxation I	4	20	80	100	60		60
2.5	SDC2AT06	Cost Accounting	5	20	80	100	75		75
2.6	SDC2AT07(P)	Cost Accounting - Lab and	3	20	80	100			
		Bank Test Coaching	2					75	75
2.7	SDC2AT08(Pr)	Mini project / Internship	4	0	100	100		60	60
Semester II Total			30			700	315	135	450
Job Roles with QP Codes :	Aligned :								
	BSC / Q1201 Accounts Executive (Payroll) BSC/Q 1101 Accounts Executive								
Job Roles with QP Codes :	Not Aligned								
	Assistant Cost Analyst Assistant Cost Accountant								
SEMESTER III									
C. No	Course Code	Course Name	Credit	Marks			Hrs/ wk		
				Int	Ext	Tot	T	P	Tot
3.1	GEC3EG07	A03 Writing for Academic and Professional Success	4	20	80	100	60		60
3.2	GEC3BR08	(BC3B03) Business Regulations	4	20	80	100	60		60
3.3	SDC3AT09	Organizational Behaviour and Communication	4	20	80	100	60		60
3.4	SDC3AT10	Direct Taxation II	4	20	80	100	60		60
3.5	SDC3AT11	Management Accounting, Budgeting & Forecasting	5	20	80	100	75		75
3.6	SDC3AT12 (P)	Direct Taxation: TDS Return Filing Lab	4	20	80	100		60	60

3.7	SDC3AT13(P)	Financial analysis and Budget preparation & PSC Coaching	3 2	20	80	100		75	75
Semester III Total			30			700	315	135	450
Job Roles with QP Codes :	Aligned :								
	BSC/Q 0901 Accounts Executive (Accounts Payable and Receivable) MEP/Q0202 Office Assistant BSC/Q 1101 Accounts Executive BSC/Q 0910 Assistant Commercial Tax Practitioner BSC / N 1102 -TDS compliance								
Not Aligned :									
Assistant Financial Analyser Assistant Tax Consultant Assistant Tax Accountant									
SEMESTER IV									
NSQF Level 6									
C. No	Course Code		Credit	Marks			Hrs/wk		
				Int	Ext	Tot	T	P	Tot
4.1	GEC4EG09	04 Zeitgeist: Reading on Society and culture	4	20	80	100	60		60
4.2	GEC4ED10	(BC4A13)Entrepreneurship Development	4	20	80	100	60		60
4.3	SDC4AT14	Indirect Taxation	4	20	80	100	60		60
4.4	SDC4AT15	Auditing and Corporate Governance	4	20	80	100	60		60
4.5	SDC4AT16 E1/E2	E1 –NRI Banking & Foreign Exchange Management/ E2 - Risk Management and Insurance	5	20	80	100	75		75
4.6	SDC4AT17(P)	Indirect Taxation- GST and Bank Test Coaching	3 2	20	80	100		75	75
4.7	SDC4AT18(Pr)	Mini project /Internship (One month internship for Audit Practices)	4	0	100	100		60	60
Semester IV Total			30			700	315	135	450

Job Roles with QP Codes :	Aligned : BSC/Q 1101 Accounts Executive (Statutory Compliance) BSC / N 1101 - Service Tax compliance BSC/Q0910 Goods & Services Tax (GST) Accounts Assistant(Finance and A/cs) BSC/Q 2203 Front Desk Officer - Financial Institutions BSC/Q 0910 Goods & Services Tax (GST) Accounts Assistant Not Aligned : Tax Consultant Risk Analyser Entrepreneurship Consultant Auditing Assistant Auditing Associate
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SEMESTER V

C. No	Course Code	Course Name	Credit	Marks			H rs/ wk		
				Int	Ext	Tot	T	P	Tot
5.1	GEC5HR11	(BC3C03)Human Resource Management	4	20	80	100	60		60
5.2	SDC5AT19	Marketing Management	4	20	80	100	60		60
5.3	SDC5AT20	Quantitative Techniques for Business	4	20	80	100	60		60
5.4	SDC5AT21 E3 / E4	E3: Corporate Taxation and Tax Planning E4 : Corporate Accounting	5	20	80	100	75		75
5.5	SDC5AT22 E5 / E6	E5 - Business Research Methods E6- Capital Marketing	4	20	80	100	60		60
5.6	SDC5AT23 (P)	Digital Marketing and PSC Coaching	3 2	20	80	100		75	75
5.7	SDC5AT24 (P) E7 / E8	E7 : Case Study : Business Research Methods E8 : Capital Marketing Operations (Stock Exchange)	4	20	80	100		60	60
Semester V Total			30			700	315	135	450

Job Roles with QP Codes :	<p>Aligned :</p> <p>SSC/Q2501 Associate-Recruitment (HR) SSC/Q2502 Associate-HRO BSC/Q 0201 Equity Dealer (Capital market) BSC/Q1201 Senior Accountant</p> <p>Not Aligned :</p> <p>Online Share Trader Research Assistant Market Analyst Online Marketing Executive</p>
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SEMESTER VI

NSQF Level 7

C. No	Course Code	Course Name	Credit	Marks			Hrs		
				Int	Ext	Tot	T	P	Tot
6.1	SDC6AT25(Pr)	Internship & Project (900 hrs.)	30	0	100	100		900	900
Semester VI Total			30			100			900
Grant Total			180			3600			3150

Job Roles with QP Codes :	<p>Aligned :</p> <p>BSC/Q1201 Senior Accountant BSC/Q 0201 Equity Dealer (Capital market) BSC/Q 1101 Accounts Executive (Statutory Compliance) BSC / Q 1001 Accounts Executive (Recording and Reporting) SSC/Q2502 Associate-HRO</p> <p>Not Aligned :</p> <p>Staff Accountant – General Ledger Accounting Assistant Manager Finance and Account Analyst Product Consulting Accounts and Finance Executive Graduate Finance Analyst Management Consultant Management Analyst</p>
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UNIVERSITY OF CALICUT



DEGREE OF BACHELOR OF VOCATION (B.VOC)

IN

FASHION TECHNOLOGY

UNDER THE

FACULTY OF SCIENCE

SYLLABUS

(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2018–19 ONWARDS)

BOARD OF STUDIES

IN

Fashion Designing (Single Board)

THENHIPALAM, CALICUT UNIVERSITY P.O

KERALA, 673635, INDIA

JULY, 2018

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B.VOC FASHION TECHNOLOGY

PROGRAMME STRUCTURE

SEMESTER I									
NSQF Level 4									
C. No	Course Code	Course Name	Credit	Marks			Hours		
				Int	Ext	Tot	T	P	Tot
1.1	GEC1EG01	A01 Transactions Essential English Language Skills	4	20	80	100	60		60
1.2	GEC1ML02	MAL1A01(2) Malayalam - Bhashayum Sahityavum-I	4	20	80	100	60		60
	GEC1HD02	A07(3) Hindi – Prose and one act plays							
1.3	SDC1FT01	Basics of Textiles	4	20	80	100	60		60
1.4	SDC1FT02	Design Concepts	4	20	80	100	60		60
1.5	SDC1FT03 (P)	Basics of Textiles and Illustration	4	20	80	100		60	60
1.6	SDC1FT04(P)	Office Automation tools and Communicative English	3	20	80	100		75	75
		Pattern Making and Garment Construction I	2						
1.7	SDC1FT05(P)	Pattern Making and Garment Construction I	5	20	80	100		75	75
Semester I Total			30			700	240	210	450
Qualification Pack		Aligned: Assistant Fashion Designer AMH/Q1210 Sampling Coordinator AMH/Q 1801							
SEMESTER II									
NSQF Level 5									
C. No	Course Code	Course Name	Credit	Marks			Hours		
				Int	Ext	Tot	T	P	Tot
2.1	GEC2EG03	A02 Ways With Words: Literature in English	4	20	80	100	60		60
2.2	GEC2ML04	MAL2A02(2) Malayalam-Bhashayum Sahityavum-II	4	20	80	100	60		60
	GEC2HD04	(A09) Hindi Poetry and short stories							
2.3	GEC2BN05	(BC3A11) Basic Numerical Skills	4	20	80	100	60		60

2.4	SDC2FT06	Apparel Machinery & Equipments	4	20	80	100	60		60
2.5	SDC2FT07(P)	Fabric Analysis and Fashion Illustration	5	20	80	100		75	75
2.6	SDC2FT08(P)	Pattern Making and Garment Construction II	5	20	80	100		75	75
2.7	SDC2FT09(Pr)	Internship / Mini project	4	0	100	100		60	60

Semester II Total			30			700	240	210	450
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Qualification Pack	Aligned: Packing Checker TSC/Q 0501 Assistant Fashion Designer AMH/Q1210 Self- Employed Tailor AMH/Q1947								
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SEMESTER III									
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C. No	Course Code	Course Name	Credit	Marks			Hours		
				Int	Ext	Tot	T	P	Tot
3.1	GEC3EG06	A03 Writing For Academic and Professional Success	4	20	80	100	60		60
3.2	GEC3ET07	CFD4B07 Textile Processing	4	20	80	100	60		60
3.3	SDC3FT10	Historic Costumes	4	20	80	100	60		60
3.4	SDC3FT11	Fashion Merchandising Marketing and Management	4	20	80	100	60		60
3.5	SDC3FT12(P)	Accessory Designing, Styling and Makeup	5	20	80	100		75	75
3.6	SDC3FT13(P)	Textile Processing	4	20	80	100		60	60
3.7	SDC3FT14(P)	Pattern Making and Garment Construction III (Children's Clothing)	5	20	80	100		75	75
Semester III Total			30			700	240	210	450

Qualification Pack : Aligned

Store Manager G&J/Q8202
Garment cutter AMH/Q1501
Assistant Hair Stylist BWS/Q0201
Merchandiser AMH/Q0 901
Makeup Artist MES/Q1801

SEMESTER IV

NSQF Level 6

C. No	Course Code	Course Name	Credit	Marks			Hours		
				Int	Ext	Tot	T	P	Tot
4.1	GEC4EG08	A04 ZEITGEST : Readings on Society and Culture	4	20	80	100	60		60
4.2	GEC4ED09	BC4A13 Entrepreneurship Development	4	20	80	100	60		60
4.3	SDC4FT15	Apparel Production and Quality Control	5	20	80	100	75		75
4.4	SDC4FT16	Environmental Textiles	4	20	80	100	60		60
4.5	SDC4FT17(P)	Surface Ornamentation	4	20	80	100		60	60
4.6	SDC4FT18(P)	Draping PSC Coaching	3 2	20	80	100		75	75
4.7	SDC4FT19(Pr d)	Internship/ Mini project	4	0	100	100		60	60
Semester IV Total			30			700	255	195	450
Qualification Pack		Aligned Hand embroider AMH/Q1010 Measurement Checker AMH/Q0103 Quality Assessor AMH/Q1 701 Production Supervisor Sewing AMH/Q2 101 Fabric checker AMH/Q0101							

SEMESTER V

C. No	Course Code	Course Name	Credit	Marks			Hours		
				Int	Ext	Tot	T	P	Tot
5.1	GEC5HR10	Human Resource Management	4	20	80	100	60		60
5.2	SDC5FT20	Garment Finishing and Clothing Care	4	20	80	100	60		60
5.3	SDC5FT21	Visual Merchandising and Retail Management	4	20	80	100	60		60
5.4	SDC5FT22	Apparel Costing and Export Documentation	4	20	80	100	60		60

5.5	SDC5FT23(P)	Pattern Making And Garment Construction IV (Adult wear)	5	20	80	100		75	75
5.6	SDC5FT24(P)	Computer Aided Designing (CAD) PSC Coaching	3 2	20	80	100		75	75
5.7	SDC5FT25(P)	Portfolio Presentation	4	20	80	100		60	60
Semester V Total			30			700	240	210	450

Qualification Pack	Aligned								
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NSQF Level 7		Pattern Master AMH/Q1105							
		Visual Merchandiser RAS/Q 0402							
		Retail Store Manager RAS/Q0107							
		Fashion Designer AMH/Q1201							
		Pattern Cutter LSS/Q5103							
		Advance Pattern Maker AMH/Q1101							
		Export Assistant AMH/Q 1601							

SEMESTER VI

C. No	Course Code	Course Name	Marks				Hours			
			Credit	Int	Ext	Tot	T	P	Tot	
6.1	SDC6FT26 (Pr)	Internship and Project	30	0	100	100			900	900

Semester VI Total			30			100			900
Grand Total			180			3600			3150

Qualification Pack	Aligned								
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NSQF Level 7		Fashion Designer AMH/Q1201							
		Pattern Master AMH/Q1105							
		Visual Merchandiser RAS/Q 0402							
		Merchandiser AMH/ Q0901							
		Pattern Cutter LSS/Q5103							
		Advance Pattern Maker AMH/Q1101							
		Self- Employed Tailor AMH/Q1947 Sampling Tailor AMH/Q0701							



**UNIVERSITY OF CALICUT
G & A - IV - J**

No. 153726/GA - IV - J1/2019/Admn

Calicut University.P.O

Dated: 20.08.2019

From

The Registrar

To

Members,
Board of Studies in B.Voc Agriculture.

Sir,

Sub:- Minutes of the Meeting of the Board of Studies in **B.Voc Agriculture** held on 19.08.2019-
Circulated-Reg.

Ref:- Minutes of the meeting of Board of Studies in B.Voc Agriculture held on 19.08.2019.

While forwarding herewith a copy of the minutes under reference, I am to request you to forward your dissent/assent to the undersigned on or before 25.09.2019 otherwise the minutes will be considered as approved.

Encl: 1)Minutes under reference

2) Syllabus of B.Voc in Agriculture

Yours faithfully

Ajitha P.P
Joint Registrar
(For The Registrar)

REGISTRATION/RE-REGISTRATION

Every candidate should register for all subjects of the Semester-End examinations of each semester. A candidate who does not register will not be permitted to attend the Semester-End examinations; he/she shall not be permitted to attend the next semester. A candidate shall be eligible to register for any higher semester, if he/she has satisfactorily completed the course of study and registered for the examination. He/she should register for the semester at the start of the semester before the stipulated date. University will notify the starting and closing dates for each semester.

RE-JOINING THE PROGRAMME

1. Rejoining the course will be allowed to only if the candidate has secured a minimum CGPA of 2.5.
2. The candidate should remit the fees prevailing that time.
3. B. Voc governing council will take the decision regarding the rejoining.

COURSE CALENDAR

The B. Voc programme conducted by the affiliated institutions follows a separate calendar from the conversational degree/ PG programme. The programme is distributed over six semesters and each semester constitute 90 working days inclusive of examination.

Note: Within a week after the commencement of classes of each semester, Head of each Institution should forward the list of students, details of faculty members allotted from the college and from industry partners along with their qualification and year of experience, to the University. Also, Head of each Institution shall ensure the availability of sufficient number of faculty members having experience and qualifications in the institution.

ASSESSMENT OF STUDENTS

Assessment of students for each subject will be done by internal continuous assessment and Semester-End examinations. This dual mode assessment will be applicable to both Theory and Practical courses except for internship and project. Total marks in theory course reflect 80 marks external and 20 marks internal assessments. The mark division for practical courses are 20 marks internal and 80 marks external. For internship and project, there is no internal assessment. (Except for Broadcasting and Journalism, annexure attached).

SI No	Courses	Internal	External
1	Theory	20	80
2.	Practical	20	80
3.	Internship/Project	0	100

INTERNAL

Internal assessment shall be conducted throughout the semester. It shall be based on internal examinations, assignments (such as homework, problem solving, group discussions, quiz, literature survey, seminar, team project, software exercises, etc.) as decided by the faculty handling the course, and regularity in the class. Assignments of every semester shall preferably be submitted in Assignment Book, which is a bound book similar to laboratory

- University will appoint a Chairman for each B.Voc Programme. Chairman will monitor the University Practical Examinations and Evaluation of Theory and Practical papers.
- For the evaluation of theory papers, Chairman should form a team consisting of a chief and required additional Examiners for each course.
- At the starting of each semester, Colleges should prepare a panel of External examiners for conducting Practical examinations. Chairman/University will appoint examiners from the panel proposed by colleges.
- Practical Examinations can be conducted and evaluated from the college or the industry partner premises. The team for conducting and evaluating practical exams should include an examiner appointed from the approved panel of faculties, and an internal examiner.
- Head of Institution/ Chief of Examination of the college should take necessary steps to prevent any malpractices in the Semester-End examinations. If any such instances are detected, they should be reported to the University without any delay.
- University will be issuing mark list, provisional/original certificates to the candidates.

INTERNSHIP AND PROJECT

Internship and the major project should be carried out in the industry, not necessarily with industry partner. The major idea for internship is to implement the things learned and to get a real life experience. The Evaluation process follows 100% external assessment.

1. There will be internship/project at the end of 2nd and 4th semesters and an internship for the whole sixth semester.
2. Every student will be assigned an internal guide, allotted from the parent department concerned or an expert available in the college appointed by the principal or the head of the department.
3. The student has to make regular discussions with the guide while choosing the subject/area and throughout the life time of the project.
4. At least three reviews should be conducted to evaluate the progress of work.
5. An evaluation team is constituted for conducting the evaluation. The team consist of external examiner, allotted by the university from the approved examination panel, representative from the industry and a faculty.
6. Students should submit a report of their work. A valid certificate from the organization should be produced as a proof that the work is carried out in the respective organization.
7. Students are required to demonstrate the working model of their work (if possible) to the panel of examiners. A viva will be conducted based on the report and students are supposed to clarify the queries regarding their work.
8. Mark distribution for internship assessment

B. Voc Programme in Agriculture Syllabus Outline

C. No.	Course code	Course title	Hours/ week	Credits	Marks		
					Internal	External	Total
Semester I							
1.1	GEC1EG01	English A01	4	4	20	80	100
1.2	GEC1ML02 GEC1HD02	Additional Language A07 (Malayalam) Additional Language A07 (Hindi)	4	4	20	80	100
1.3	GEC1ES03	Fundamentals of Environmental Science	4	4	20	80	100
1.4	SDC1AG01	Fundamentals of Agronomy	4	4	20	80	100
1.5	SDC1AG02	Fundamentals of Horticulture	4	4	20	80	100
1.6	SDC1AG03	Fundamentals of Agricultural Engineering	4	4	20	80	100
1.7	SDC1AG04	Fundamentals of Agronomy and Horticulture – Practicals	6	6	20	80	100
Total			30	30			700
Semester II							
2.1	GEC2EG04	English A 02	4	4	20	80	100
2.2	GEC2ML05 GEC2HD05	Additional Language A08 (Malayalam) Additional Language A08 (Hindi)	4	4	20	80	100
2.3	GEC2HR06	Human Resource Management	4	4	20	80	100
2.4	SDC2AG05	Plantation Crops, Spices and Fruits	4	4	20	80	100
2.5	SDC2AG06	Fundamentals of Seed technology	4	4	20	80	100
2.6	SDC2AG07	Plantation Crops, Spices and Fruits and Seed technology-Practicals	5	5	20	80	100
2.7	SDC2AG08	Internship/Project (Cultivation of Crops)		5		100	100
Total			30	30			700
Semester III							
3.1	GEC3EG07	English A03	4	4	20	80	100
3.2	GEC3NS08	Basic Numerical Skills	4	4	20	80	100
3.3	GEC3TC09	Plant Tissue Culture & Biotechnology	4	4	20	80	100
3.4	SDC3AG09	Micropropagation of Plants- Practicals	5	5	20	80	100
3.5	SDC3AG10	Integrated Pest Management in Crops	4	4	20	80	100
3.6	SDC3AG11	Protected Cultivation of Horticultural Crops	4	4	20	80	100

3.7	SDC3AG12	Protected Cultivation of Horticultural crops and Pest Management-Practicals	5	5	20	80	100
Total			30	30			700
Semester IV							
4.1	GEC4EG10	English A04	4	4	20	80	100
4.2	GEC4IT11	Information Technology	4	4	20	80	100
4.3	GEC4SA12	Soil and Agricultural Microbiology	4	4	20	80	100
4.4	SDC4AG13	Weed Management and Fodder Crop Production	4	4	20	80	100
4.5	SDC4AG14	Livestock Farming	4	4	20	80	100
4.6	SDC4AG15	Weed Management , Fodder Crop Production and Livestock Farming-Practicals	5	5	20	80	100
4.7	SDC4AG16	Internship/Project (Cultivation of Rice)		5		100	100
Total			30	30			700
Semester V							
5.1	GEC5EM13	Environmental Microbiology and Biotechnology	4	4	20	80	100
5.2	GEC5FD14	Food and Dairy Microbiology	4	4	20	80	100
5.3	SDC5AG17	Commercial Vegetable Production	4	4	20	80	100
5.4	SDC5AG18	Agricultural Enterprises	4	4	20	80	100
5.5	SDC5AG19	Fundamentals of Organic Farming	4	4	20	80	100
5.6	SDC5AG20	Government Policies and Programmes Related to Agriculture	4	5	20	80	100
5.7	SDC5AG21	Commercial Vegetable Production, Agricultural Enterprises and Organic farming -Practicals	5	5	20	80	100
Total			30	30			700
Semester VI							
6.1	SDC6AG22	Major Internship/Main Project and Dissertation		30		700	700
Total				30		700	700
Total for General Courses				56	280	1120	1400
Total for Skill Development Courses				124	380	2220	2800
Grand Total				180	660	3340	4200

[Type text]

UNIVERSITY OF CALICUT

BA FUNCTIONAL ENGLISH PROGRAMME



Under

**Choice Based Credit and Semester
System for Under Graduate
Curriculum 2019
(CBCSSUG 2019)**

(2019 Admissions Onwards)

1. Core Courses

Sl. No	Code	Title	Hrs/week	Credit	Sem.
1	FEN1B01	Communication Skills in English	6	5	1
2	FEN2B02	Advanced English Grammar	6	4	2
3	FEN3B03	Language and Technology	4	4	3
4	FEN3B04	Applied Phonetics	5	4	3
5	FEN4B05	Fundamentals of Linguistics	5	4	4
6	FEN4B06	Business English	5	4	4
7	FEN5B07	Translation Studies	5	4	5
8	FEN5B08	Print Media	5	4	5
9	FEN5B09	Theatre for Communication	5	4	5
10	FEN5B10	Contemporary Literary Theory	5	4	5
11	FEN6B11	English Language Teaching	5	4	6
12	FEN6B12	Electronic Media	5	4	6
13	FEN6B13	Creative Writing	5	4	6
14	FEN6B14	Film Studies	5	4	6
15	FEN6B15	Elective 1 – Language for Advertising : Theory and Practice Or	3	4	6
16	FEN6B16	Elective 2 – Women Studies			
17	FEN6B17	Project	2	2	5&6
Total				63	

**CHOICE BASED CREDIT AND SEMESTER SYSTEM FOR
UNDER GRADUATE (UG) PROGRAMME**

UNIVERSITY OF CALICUT



For

BA HISTORY

Under

Restructured Curriculum and Syllabi

As per CBCSS

UG Regulations (2019)

(2019 Admissions Onwards)

Evaluation and Grading

Mark system is followed instead of direct grading for each question. For each course in the semester letter grade and grade point are introduced in 10-point indirect grading system.

Ten Point Indirect Grading System

<i>% of Marks (IE+EE)</i>	<i>Grade</i>	<i>Interpretation</i>	<i>Grade point Average (G)</i>	<i>Range of grade points</i>	<i>Class</i>
95 and above	O	Outstanding	10	9.5 -10	First class with Distinction
85 to below 95	A+	Excellent	9	8.5 -9.49	
75 to below 85	A	Very good	8	7.5 -8.49	
65 to below 75	B+	Good	7	6.5 -7.49	First class
55 to below 65	B	Satisfactory	6	5.5 -6.49	
45 To below 55	C	Average	5	4.5 -5.49	Second class
35 to below 45	P	Pass	4	3.5 -4.49	Pass
Below 35	F	Failure	0	0	Fail
Incomplete	I	Incomplete	0	0	Fail
Absent	Ab	Absent	0	0	Fail

For the project work, out of the total 50 marks, 10 for internal assessment and 40 for External evaluation.

Evaluation of Project

This is done under mark system. There will be an internal assessment by the supervising teacher of the Project and an External evaluation by an External Examiner appointed by the University. Grade will be awarded to the candidates by combining the external and internal marks. The internal and external components are to be taken in the ratio 1:4. The internal will be 20 percent of the total and external will be 80 percent of the total.

CORE COURSES

(15 courses including project work)

Sl. No	Code	Title	Contact Hours	Semester	Credit
1	HIS1 B01	TRENDS IN HISTORIOGRAPHY	6	I	5
2	HIS2 B02	TRENDS IN INDIAN HISTORIOGRAPHY	6	II	5
3	HIS3 B03	WORLD HISTORY- 1	4	III	4
4	HIS3 B04	INDIAN HISTORY- 1	5	III	4
5	HIS4 B05	WORLD HISTORY- 2	4	IV	4
6	HIS4 B06	INDIAN HISTORY- 2	5	IV	4
7	HIS5 B07	WORLD HISTORY- 3	5	V	4
8	HIS5 B08	INDIAN HISTORY- 3	5	V	4
9	HIS5 B09	KERALA HISTORY-1	5	V	4
10	HIS5 B10	METHODOLOGY OF THE WRITING OF HISTORY	5	V	4
11	HIS6 B11	INDIAN HISTORY- 4	5	VI	4
12	HIS6 B12	KERALA HISTORY- 2	5	VI	4
13	HIS6 B13	GENDER STUDIES	5	VI	4
14	HIS6 B14	INDIAN HERITAGE AND PLURALITY OF CULTURES	5	VI	4
15	HIS6 B15	DISSERTATION/ METHODOLOGY OF LOCAL HISTOICAL WRITING	2 Hours each in 5 th and 6 th Semesters	V&VI	2
TOTAL CREDIT					60

**CHOICE BASED CREDIT AND SEMESTER SYSTEM (CBCSS)
FOR UNDER GRADUATE (UG) PROGRAMME**

UNIVERSITY OF CALICUT



For

BA POLITICAL SCIENCE

Under

Restructured Curriculum and Syllabi

As per CBCSS

UG Regulations (2019)

(2019 Admissions Onwards)

UNIVERSITY OF CALICUT

The Under Graduate programme in **Political Science** includes

- (a) Common Courses
- (b) Core Courses
- (c) Complementary Courses
- (d) Open Courses and
- (e) **Project**

Common Courses: In general, every UG student shall undergo 10 common courses (total 38 credits) chosen from a group of 14 common courses listed below, for completing the programme:

A01. Common English Course 1

English courses A01-A06 applicable to BA/BSC Regular pattern

<p><i>A02. Common English Course II A03. Common English Course III A04. Common English Course IV A05. Common English Course V A06. Common English Course VI</i></p>	<p>English courses A01-A04 applicable to Language Reduced Pattern (LRP) Programmes B.com, BBA, BBA (T), BBM, B.Sc (LRP), BCA etc.</p>
<p><i>A07. Additional Language Course I A08. Additional Language Course II A09. Additional Language Course III A10. Additional Language Course IV</i></p>	<p>Addl. Language courses A07-A10 applicable to BA/B.Sc Regular Pattern</p> <p>Addl. Language courses A07-A08 applicable to Language Reduced Pattern (LRP) Programmes</p>
<p><i>A11. General Course I A12. General Course II A13. General Course III A14. General Course IV</i></p>	<p style="text-align: center;">Applicable to Language Reduced Pattern (LRP) Programmes</p>

Common courses A01-A06 shall be taught by English teachers and A07-A10 by teachers of additional languages respectively. General courses A11-A14 shall be offered by teachers of departments offering core courses concerned.

General courses I, II, III and IV shall be designed by the group of boards concerned.

The subjects under Language Reduced Pattern (LRP) (Alternative Pattern) are grouped into five and General Courses I, II, III & IV shall be the same for each group.

1. BBA, B.Com., Fashion Technology, Hotel Management.

Fitness Education Programme (COFE).

1.10. Project: Every student of a UG degree programme shall have to work on a project of 2 credits under the supervision of a faculty member or shall write a theory course based on Research Methodology as per the curriculum. College shall have the liberty to choose either of the above. But SDE/Private Registration students shall write the Research Methodology course instead of project. Board of Studies concerned shall prepare the syllabus for the same.

2. EXAMINATION

- 2.1. There shall be University examinations at the end of each semester.
- 2.2. Practical examinations shall be conducted by the University as prescribed by the Board of Studies.
- 2.3. External viva-voce, if any, shall be conducted along with the practical examination/project evaluation.
- 2.4. The model of question papers may be prepared by the concerned Board Of Studies. Each question should aim at – (1) assessment of the knowledge acquired (2) standard application of knowledge (3) application of knowledge in new situations.
- 2.5. Different types of questions shall possess different marks to quantify their range. A general scheme for the question paper is given in Annexure III.
- 2.6. Project evaluation shall be conducted at the end of sixth semester. 20% of marks are awarded through internal assessment.
- 2.7. Audit course: The students can attain only pass (Grade P) for these courses. At the end of each semester there shall be examination conducted by the college from a pool of questions set by the University. The students can also attain the credits through online courses like SWAYAM, MOOC etc. The College shall send the list of passed students to the University at least before the commencement of fifth semester examination.
- 2.8. **Improvement course:** Improvement of a particular semester can be done only once. The student shall avail of the improvement chance in the succeeding year after the successful completion of the semester concerned. The students can improve a maximum of two courses in a particular semester (for SDE/Private

UNIVERSITY OF CALICUT

BA SOCIOLOGY SYLLABUS

Under

**Choice Based Credit and Semester System for
Under Graduate Curriculum 2019**

(CBCSSUG 2019)

for

BA Sociology Degree Programme

(Pattern I and Pattern II)

(2019 Admissions Onwards)

Attendance: A student shall be permitted to appear for the semester examination, only if he/she secures not less than 75% attendance in each semester. Attendance shall be maintained by the Department concerned. Condonation of shortage of attendance to a maximum of 10% in the case of single condonation and 20% in the case of double condonation in a semester shall be granted by University remitting the required fee. Benefits of attendance may be granted to students who attend the approved activities of the college /university with the prior concurrence of the Head of the institution. Participation in such activities may be treated as presence in lieu of their absence on production of participation/attendance certificate (within two weeks) in curricular/extracurricular activities (maximum 9 days in a semester). Students can avail of condonation of shortage of attendance in a maximum of four semesters during the entire programme (Either four single condonations or one double condonation and two single condonation during the entire programme). If a student fails to get 65% attendance, he/she can move to the next semester only if he/she acquires 50% attendance. In that case, a **provisional registration** is needed. Such students can appear for supplementary examination for such semesters after the completion of the programme. Less than 50% attendance requires Readmission. Readmission is permitted only once during the entire programme.

Grace Marks: Grace Marks may be awarded to a student for meritorious achievements in co-curricular activities (in Sports/Arts/NSS/NCC/Student Entrepreneurship) carried out besides the regular hours. Such a benefit is applicable and limited to a maximum of 8 courses in an academic year spreading over two semesters. In addition, maximum of 6 marks per semester can be awarded to the students of UG Programmes, for participating in the College Fitness Education Programme (COFE).

Project: Every student of a UG degree programme shall have to work on a project of 2 credits under the supervision of a faculty member or shall write a theory course based on Research Methodology as per the curriculum. College shall have the liberty to choose either of the above. But SDE/Private Registration students shall write the Research Methodology course instead of project. Board of Studies concerned shall prepare the syllabus for the same.

ANNEXURE II

Guidelines for the Evaluation of Projects

1. PROJECT EVALUATION- (For Regular students only)

Evaluation of the Project Report shall be done under Mark System.

The evaluation of the project will be done at two stages:

a) Internal Assessment (supervising teachers will assess the project and award internal Marks)

b) External evaluation (external examiner appointed by the University)

Grade for the project will be awarded to candidates, combining the internal and external marks. The internal to external components is to be taken in the ratio 1:4. Assessment of different components may be taken as below.

Internal (20% of total)	External (80% of Total)	
Components	Percentage of internal marks	Components
Originality	20	Relevance of the Topic, Statement of Objectives
Methodology	20	Reference/ Bibliography, Presentation, quality of Analysis/ Use of Statistical Tools.
Scheme/ Organisation of Report	30	Findings and recommendations
Viva – Voce	30	Viva – Voce

3. External Examiners will be appointed by the University from the list of VI Semester Board of Examiners in consultation with the Chairperson of the Board.
4. The Chairman of the VI semester examination should form and coordinate the evaluation teams and their work.
5. Internal Assessment should be completed 2 weeks before the last working day of VI Semester.
6. Internal Assessment marks should be published in the Department.
7. In the case of Courses with practical examination, project evaluation shall be done along with practical examinations.
8. The Chairman Board of Examinations, may at his discretion, on urgent requirements, make certain exception in the guidelines for the smooth conduct of the evaluation of project.

BA Sociology Curriculum: CBCCSSUG 2019

The board is presenting revised syllabus for three BA Sociology Programmes.

1. BA Sociology (Pattern I)
2. BA Sociology (Pattern I I)
3. BA Sociology (SDE)

Course Structure

The Programme consists of the following courses:

- a) Common Courses
- b) Core Courses
- c) Complementary Courses (Only for Pattern I and SDE)
- d) Open Course
- e) **Project**

UNIVERSITY OF CALICUT				
M.Sc. Programme in Botany (CBCSS) (from 2019 admissions onwards)				
Programme, structure of courses and distribution of credits				
Course	Title	Credits		
		Internal	External	Total credits
Semester I				
BOT01CT01	Phycology, Bryology, Pteridology and Gymnosperms	20%	80%	5
BOT01CT02	Mycology and Lichenology, Microbiology and Plant Pathology	20%	80%	5
BOT01CT03	Angiosperm Anatomy, Embryology, Palynology and Lab Techniques	20%	80%	5
BOT01CP04	Practicals of Phycology, Bryology, Pteridology, Gymnosperms, Mycology and Lichenology	20%	80%	2.5
BOT01CP05	Practicals of Microbiology, Plant Pathology, Angiosperm anatomy, Embryology, Palynology and Lab Techniques.	20%	80%	2.5
Semester II				
BOT02CT06	Cell Biology, Molecular Biology and Biophysics	20%	80%	5
BOT02CT07	Cytogenetics, Genetics, Biostatistics, Plant Breeding and Evolution	20%	80%	5
BOT02CT08	Plant Ecology, Conservation Biology, Phytogeography and Forest Botany	20%	80%	5
BOT02CP09	Practicals of Cell Biology, Molecular Biology, Biophysics and Cytogenetics	20%	80%	2.5
BOT02CP10	Practicals of Genetics, Biostatistics, Plant Breeding, Plant Ecology, Conservation Biology, Phytogeography and Forest Botany	20%	80%	2.5
Semester III				
BOT03CT11	Plant Physiology, Metabolism and Biochemistry	20%	80%	5
BOT03CT12	Angiosperm Morphology and Taxonomy and Plant Resources	20%	80%	5
BOT03CT13	Biotechnology and Bioinformatics	20%	80%	5
BOT03CP14	Practicals of Plant Physiology, Metabolism, Biochemistry, Angiosperm Morphology and Taxonomy	20%	80%	2.5
BOT03CP15	Practicals of Plant Resources, Biotechnology and Bioinformatics	20%	80%	2.5
Semester IV				
BOT04ET01	Elective I	20%	80%	5
BOT04ET02	Elective II	20%	80%	5
BOT04EP01	Practicals of Electives	20%	80%	2
BOT04DN	Dissertation	20%	80%	5
BOT04VV	Viva voce	0%	100%	3
Total				80 credits
Audit Courses (To be completed within the first three semesters by the students)				
ACIAEC	Ability Enhancement Course	100%	0%	4
AC2PCC	Professional Competency Course	100%	0%	4
(The credits earned through the audit courses will not be added for SGPA/CGPA)				
Duration of Theory Examinations (External) as well as Practical Examinations (External) will be 3 hours				
1 credit = 1.25 hours of teaching; There will be no regular classes/workload for audit courses.				
1 theory/dissertation hour= 1.5 hours of workload; 1 practical hour= 1 hour of workload				



UNIVERSITY OF CALICUT

Abstract

General and Academic - Faculty of Science - Syllabus of MSc Chemistry Programme for affiliated colleges under CBCSS PG Regulations 2019 with effect from 2019 Admission onwards - Implemented- Orders Issued

G & A - IV - J

U.O.No. 8957/2019/Admn

Dated, Calicut University.P.O, 06.07.2019

*Read:-*1. U.O.No. 4487/2019/Admn dated 26.03.2019

2. Item No. 2 in the minutes of the meeting of the Board of Studies in Chemistry (PG) held on 12.06.2019
3. Item No. 1.13 in the minutes of the meeting of Faculty of Science held on 27.06.2019

ORDER

The Regulations for Choice Based Credit and Semester System for Post Graduate (PG) Curriculum-2019 (CBCSS PG Regulations 2019) for all PG Programmes under CBCSS for Affiliated Colleges and SDE/PrivateRegistration w.e.f. 2019 admission has been implemented vide paper read first above.

The meeting of Board of Studies in Chemistry (PG) held on 12/06/2019 has approved the Syllabus of MSc Chemistry Programme in tune with the new CBCSS PG Regulations with effect from 2019 Admission onwards, vide paper read second above.

The Faculty of Science at its meeting held on 27/06/2019 has approved the minutes of the meeting of the Board of Studies in Chemistry (PG) held on 12/06/2019, vide paper read third above.

Under these circumstances, considering the urgency, the Vice Chancellor has accorded sanction to implement the Scheme and Syllabus of MSc Chemistry Programme in accordance with new CBCSS PG Regulations 2019, for affiliated colleges in the University with effect from 2019 Admission onwards, subject to ratification by the Academic Council.

The Scheme and Syllabus of M Sc Chemistry Programme for affiliated colleges in accordance with CBCSS PG Regulations 2019, is therefore implemented in the University with effect from 2019 Admission onwards.

Orders are issued accordingly. (Syllabus appended)

Biju George K

Assistant Registrar

To

The Principals of all Affiliated Colleges

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Section Officer

UNIVERSITY OF CALICUT

M.Sc. CHEMISTRY (CBCSS PATTERN)

Regulations and Syllabus with effect from 2019 admission

The Board of Studies in Chemistry (PG) at its meeting held on 15-05-2019 considered the revision of M.Sc. Chemistry syllabus under Credit Semester System (CBCSS) and resolved to implement the revised syllabus from 2019 admission onwards. The revised programme pattern; syllabus, distribution of credits and scheme of evaluation, etc. approved by the Board of studies in Chemistry (PG) at its meeting held on **12-06-2019** are given below:

The pattern of the Programme

- a) The name of the programme shall be **M.Sc. Chemistry under CBCSS pattern.**
- b) The programme shall be offered in four semesters within a period of two academic years.
- c) Eligibility for admission will be as per the rules laid down by the University from time to time.
- d) Details of the programme offered are given in Table 1. The programme shall be conducted in accordance with the programme pattern, the scheme of examination and syllabus prescribed. Of the 25 hours per week, 13 hours shall be allotted for theory and 12 hours for practicals. 1 theory hour per week during even semesters shall be allotted for the seminar.

Theory Courses

In the first three semesters there will be **four** theory courses and in the fourth semester **three** theory courses. All the theory courses in the first and second semesters are core courses. In the third semester, there will be three core theory courses and one elective theory course. Colleges can choose any one of the elective courses given in **table 1**. In the fourth semester, there will be one core theory course and two elective theory courses. Colleges can select any two of the elective courses from those given in table 1. However, a student may be permitted to choose any other elective course of his choice in the third and fourth semesters, without having any lecture classes. Of all the elective courses, one elective course in the third semester and two elective courses for the fourth semester chosen by the college only will be considered for calculating the workload of teachers. All the theory courses in the first, third and fourth semesters (both core and elective) are of 4 credits while the theory courses (both core and elective) in the second semester are of 3credits.

Practical Courses

In each semester, there will be three core practical courses. However, the practical

TABLE 1
Courses offered for M.Sc. Chemistry Programme under
CBCSS Patten in Affiliated Colleges (2019 onwards)

Semester	Course Code	Course Title	Instruction/Week	Credits
I	CHE1C01	Quantum Mechanics and Computational Chemistry	4	4
	CHE1C02	Elementary inorganic chemistry	3	4
	CHE1C03	Structure and reactivity of organic Compounds	3	4
	CHE1C04	Thermodynamics, kinetics, and catalysis	3	4
	CHE1L01	Inorganic chemistry practical I	4	-
	CHE1L02	Organic chemistry Practical I	4	-
	CHE1L03	Physical chemistry practical I	4	-
		Total credits:	Core	16
II	CHE2C05	Group theory and Chemical Bonding	3	3
	CHE2C06	Coordination chemistry	3	3
	CHE2C07	Reaction mechanism in Organic Chemistry	3	3
	CHE2C08	Electrochemistry, solid state chemistry, and Statistical Thermodynamics	3	3
	CHE2L04	Inorganic chemistry practical II	4	3
	CHE2L05	Organic chemistry practical II	4	3
	CHE2L06	Physical chemistry practical II	4	3
		Total credits:	Core	21
	CHE3C09	Molecular spectroscopy	4	4
	CHE3C10	Organometallic & Bioinorganic chemistry	3	4
	CHE3C11	Reagents and Transformations in Organic Chemistry	3	4

III	CHE3L07	Inorganic chemistry practical III	4		
	CHE3L08	Organic chemistry practical III	4		
	CHE3L09	Physical chemistry practical III	4		
	CHE3E01	Synthetic organic chemistry(Elective)	3	4	
	CHE3E02	Computational chemistry(Elective)	3	4	
	CHE3E03	Green and Nanochemistry(Elective)	3	4	
		Total Credits:		Core Elective	12 4
IV	CHE4C12	Instrumental Methods of Analysis	4	4	
	CHE4L10	Inorganic Chemistry Practical IV	3	3	
	CHE4L11	Organic Chemistry Practical IV	3	3	
	CHE4L12	Physical Chemistry Practical IV	3	3	
	CHE4E04	Petrochemicals and Cosmetics(Elective)	4	4	
	CHE4E05	Industrial Catalysis(Elective)	4	4	
	CHE4E06	Natural products & Polymer Chemistry (Elective)	4	4	
	CHE4E07	Material Science(Elective)	4	4	
	CHE4E08	Organometallic Chemistry	4	4	
	CHE4P01	Research Project	3	4	
	CHE4V01	Viva Voce		2	
		Total Credits:		Core Elective Project Viva	13 8 4 2
	TOTAL CREDITS OF THE PROGRAMME :				
	CORE				62
ELECTIVE				12	



UNIVERSITY OF CALICUT

Abstract

General and Academic - Faculty of Science - **Syllabus of MSc Mathematics** for University Teaching Department under CCSS PG Regulations 2019 with effect from 2019 Admission onwards -Implemented- Orders Issued.

G & A - IV - J

U.O.No. 8952/2019/Admn

Dated, Calicut University.P.O, 06.07.2019

*Read:-*1. U.O.No. 4500/2019/Admn dated 26.03.2019

2. Minutes of the meeting of the Board of Studies in Mathematics PG held on 10.05.2019

3. Item No. 1.2 in the minutes of the meeting of Faculty of Science held on 27.06.2019

ORDER

The Regulations under Choice-based Credit Semester System for Post Graduate Programmes (CCSS-PG -2019) of all Teaching Departments / Schools of the University of Calicut w.e.f 2019 admissions has been implemented vide paper read first above.

The meeting of the Board of Studies in Mathematics PG held on 10.05.2019 has approved the Syllabus of MSc Programme in tune with new CCSS PG Regulation implemented with effect from 2019 Admission onwards, vide paper read second above.

The Faculty of Science at its meeting held on 27.06.2019 has approved the minutes of the meeting of the Board of Studies in Mathematics PG held on 10.05.2019 vide paper read third above.

Under these circumstances, considering the urgency, the Vice Chancellor has accorded sanction to implement the Scheme and Syllabus of MSc Mathematics Programme in accordance with the new CCSS PG Regulations 2019, in the University of Calicut with effect from 2019 Admission onwards, subject to ratification by the Academic Council.

The Scheme and Syllabus of MSc Mathematics Programme in accordance with CCSS PG Regulations 2019 is therefore implemented in the University with effect from 2019 Admission onwards.

Orders are issued accordingly. (Syllabus appended)

Biju George K

Assistant Registrar

To

The HoD, Department of Mathematics

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M.Sc.(Mathematics) Semester 1**Total credits: 18**

Sl.No.	Course code.	Title of the Course	Credits	Hours/ Week	Core/ Elective
1	MAT1C01	Algebra - I	4	4L+1T	Core
2	MAT1C02	Linear Algebra	4	4L+1T	Core
3	MAT1C03	Real Analysis - I	4	4L+1T	Core
4	MAT1C04	Discrete Mathematics	3	3L+1T	Core
5	MAT1C05	Number Theory	3	3L+1T	Core
6	MAT1A01	Ability Enhancement Course ^a	2		Audit Course

M.Sc.(Mathematics) Semester 2**Total credits: 18**

Sl.No.	Course code	Title of the Course	Credits	Hours/ Week	Core/ Elective
1	MAT2C06	Algebra - II	3	3L+1T	Core
2	MAT2C07	Real Analysis - II	4	4L+1T	Core
3	MAT2C08	Ordinary Differential Equations	3	3L+1T	Core
4	MAT2C09	Topology	4	4L+1T	Core
5	MAT2C10	Multivariable Calculus and Geometry	4	4L+1T	Core
6		Professional Competency Course ^a	2		Audit Course

M.Sc.(Mathematics) Semester 3**Total credits: 16**

Sl.No.	Course code	Title of the Course	Credits	Hours/ week	Core/ Elective
1	MAT3C11	Complex Analysis	4	4L+1T	Core
2	MAT3C12	Functional Analysis	4	4L+1T	Core
3	MAT3C13	PDE and Integral Equations	4	4L+1T	Core
4		Elective 1	4	4L+1T	Elective

M.Sc.(Mathematics) Semester 4**Total credits: 20**

Sl.No.	Course code	Title of the Course	Credits	Hours/ Week	Core/ Elective
1	MAT4C14	Dissertation	8	8	Core
2		Elective 2 ^b			Elective
3		Elective 3 ^b			Elective
4		Elective 4 ^b			Elective
5		Elective 5 ^b			Elective

^a Evaluation of these courses will be as per the latest PG regulations.^bTotal credit for Electives 2, 3, 4 and 5 is 12.



UNIVERSITY OF CALICUT
REGULATIONS FOR CHOICE BASED CREDIT SEMESTER SYSTEM (CBCSS)FOR
MASTER OF COMMERCE PROGRAMME FOR AFFILIATED COLLEGES AND FOR SDE /
PRIVATE REGISTRATION” IMPLEMENTED WITH EFFECT FROM 2019-20 ACADEMIC
YEAR ©

1.0 Title of the programme

This DEGREE shall be called **MASTER OF COMMERCE (M.Com.)**.

2.0 Eligibility for admission

Any candidate who has passed B. Com or BBA (earlier BBS) degree of University of Calicut or B. Com, BBA or BBS degree of any other University or institutes in any state recognised by UGC or AICTE and approved by University of Calicut with minimum of 45% marks or equivalent grade is eligible for admission. OBC and SC/ST students are eligible for mark/grade relaxation as per the University rules. In the case of B. Com (Honours) and B. Com (Professional) students, the minimum eligibility for admission is 50% for all categories of students.

2.1 Admission Procedure

Admission procedure stipulated by University from time to time shall be strictly followed.

3.0 Duration of the programme

The duration of the M. Com programme of study is two years divided into four semesters.

4.0 Medium of Instruction

The medium of instruction and examination shall be English.

5.0 Scheme of Instruction and Examination

5.1 Semester One

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Teaching Hours	Type
MCM1C01	Business Environment & Policy	0.8	3.2	4	5	Core
MCM1C02	Corporate Governance & Business Ethics	0.8	3.2	4	5	Core
MCM1C03	Quantitative Techniques for Business Decisions	0.8	3.2	4	5	Core
MCM1C04	Management Theory and Organizational Behaviour	0.8	3.2	4	5	Core
MCM1C05	Advanced Management Accounting	0.8	3.2	4	5	Core
	Total in Semester One	4.0	16.0	20	25	

Semester 5.1.1: Ability Enhancement Course (AEC)*

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Type
MCM1A01	Internship cum Organisation Study	0.8	3.2	4	Audit
MCM1A02	Case Study Preparation	0.8	3.2	4	Audit
MCM1A03	Communication/Mental Ability/Numerical Skill	0.8	3.2	4	Audit
MCM1A04	NET Coaching	0.8	3.2	4	Audit
MCM1A05	Designing with Block Chain Workshop/ Future Casting Workshop	0.8	3.2	4	Audit
MCM1A06	Model Project Preparation	0.8	3.2	4	Audit
MCM1A07	Soft Skill Development	0.8	3.2	4	Audit
MCM1A08	Presentation/Publication of research papers/Book Review	0.8	3.2	4	Audit

*The institution can choose any one of the above courses. This course will not be counted for calculation of SGPA/CGPA

	Grand Total in Semester One	4.8	19.2	24	
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5.2 Semester Two

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Teaching Hours	Type
MCM2C06	Advanced Corporate Accounting	3.2	0.8	4	5	Core
MCM2C07	Advanced Strategic Management	3.2	0.8	4	5	Core
MCM2C08	Advanced Cost Accounting	3.2	0.8	4	5	Core
MCM2C09	International Business	3.2	0.8	4	5	Core
MCM2C10	Management Science	3.2	0.8	4	5	Core
	Total in Semester Two	16.0	4.0	20	25	

Semester 5.2.1: Professional Competency Course (PCC)*

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Type
MCM2A01	Business Analytics using R	3.2	0.8	4	Audit
MCM2A02	Big Data Analysis	3.2	0.8	4	Audit
MCM2A03	Live Project with Statistical Packages	3.2	0.8	4	Audit
MCM2A04	Spread Sheet Application	3.2	0.8	4	Audit
MCM2A05	Accounting Package Skill	3.2	0.8	4	Audit
MCM2A06	Computer Programming Skill	3.2	0.8	4	Audit
MCM2A07	Innovation/Entrepreneurship/Idea Pitching	3.2	0.8	4	Audit

*The institution can choose any one of the above courses. This course will not be counted for calculation of SGPA/CGPA

	Grand Total in Semester Two	4.8	19.2	24	
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5.3 Semester Three

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Teaching Hours	Type
MCM3C11	Financial Management	0.8	3.2	4	5	Core
MCM3C12	Income Tax Law, Practice and Tax Planning I	0.8	3.2	4	5	Core
MCM3C13	Research Methodology	0.8	3.2	4	5	Core
MCM3E01	Elective I	0.8	3.2	4	5	Elective
MCM3E02	Elective II	0.8	3.2	4	5	Elective
	Total in Semester Three	4.0	16.0	20	25	

5.4 Semester Four

Course Code	Course Title	Internal Credit	External Credit	Total Credit	Teaching Hours	Type
MCM4C14	Financial Derivatives & Risk Management	0.8	3.2	4	5	Core
MCM4C15	Income Tax Law, Practice and Tax Planning II	0.8	3.2	4	5	Core
MCM4E03	Elective III	0.8	3.2	4	5	Elective
MCM4E04	Elective IV	0.8	3.2	4	5	Elective
MCM4PV01	Project Work & Comprehensive Viva Voce	0.8	3.2	4	5	Dissertation & Viva
	Total in Semester Four	4.0	16.0	20	25	
	Grand Total (5.1+5.1.1+5.2+5.2.1+5.3+5.4)	17.6	70.4	88		

Specialisation Electives

5.1.1 Finance

MCM3EF01	Investment Management	3.2	0.8	4
MCM3EF02	Financial Markets & Institutions	3.2	0.8	4
MCM4EF03	International Finance	3.2	0.8	4
MCM4EF04	Advanced Strategic Financial Management	3.2	0.8	4

5.1.2 Foreign Trade

MCM3EFT01	Foreign Trade Management	3.2	0.8	4
MCM3EFT02	Foreign Trade Policy and Procedures	3.2	0.8	4
MCM4EFT03	International Finance	3.2	0.8	4
MCM4EFT04	International Marketing and Logistic Management	3.2	0.8	4

M.A in English Language and Literature in the Affiliated Colleges

(CBCSS Scheme) 2019 of the University of Calicut.

Semester 1

Core courses

1. ENG1CO1 British Literature from Chaucer to 18 th century	(5 credits)
2. ENG1CO2 British Literature 19 th century	(5 credits)
3. ENG1CO3 History of English Language	(5 credits)
4. ENG1CO4 Indian Literature in English	(5 credits)
Total Credits	20

Semester 2

Core courses

5. ENG2 CO5 Twentieth century British Literature up to 1940	(5 credits)
6. ENG2 CO6 Literary Criticism and Theory - Part 1(up to New Criticism)	(5 credits)
7. ENG2 CO7 American Literature	(5 credits)
8. ENG2 CO8 Postcolonial writings	(5 credits)
Total Credits	20

Semester 3

Core course

9. ENG3 CO9 Twentieth century British Literature post 1940	(5 credits)
10. ENG3C10 Literary criticism and theory - Part 2	(5 credits)
11. Elective 1	(5 credits)
12. Elective 2	(5 Credits)
Total Credits	20

List of Electives

1. ENG3E01 Shakespeare Studies
2. ENG3 E02European Fiction in Translation
3. ENG3 E03 Women's Writing
4. ENG3 E04 Introduction to Linguistics
5. ENG3 E05 Introduction to Cultural Studies
6. ENG3 E06 Teaching of English
7. ENG3 E07 World Drama
8. ENG3 E08 Latino Literature
9. ENG3 E09 American Ethnic Writing

Semester 4

Core course

13. ENG4 C11 English Literature in the 21 st Century	(4 credits)
14. ENG4 C12 Dissertation / Project	(4 credits)
15. ENG4 C13 Comprehensive viva-voce	(4 credits)
16. Elective 1	(4 credits)
17. Elective 2	(4 Credits)
Total Credits	20

GUIDELINES FOR THE IMPLEMENTATION OF THE SYLLABUS IN M.A. HISTORY (CBCSS) (w.e.f. 2019 Admission)

The syllabus revision for the M.A. History (CBCSS) is being undertaken in accordance with the CBCSS PG Regulations 2019 of University of Calicut for the P.G. programmes of Affiliated Colleges and SDE/ Private Registration. The rules and regulations which are not specifically stated in the syllabus should be complied with the above mentioned regulations. The syllabus is revised with an objective of upgrading the knowledge levels of the students that they have attained in their under-graduate classes. They are enabled to develop the faculty of critical analysis of their knowledge on the basis of methodological tools that they acquire. It is also intended to help them tackle any form of tests for starting a career as well as for advanced studies. The under-graduate syllabus is chosen as the information base for further study, and hence, as far as possible the Scheme and Courses chosen for under-graduate syllabus has not been repeated. New courses in emerging areas have been included to facilitate investigations into frontier areas.

Students in the M.A. programme are required to take 16 courses + Dissertation and Viva Voce over a four Semester period. The core courses (12) are defined around four broad areas: (1) Historical Theory and Method (2) World History (3) Indian history and (4) Kerala History. Besides the core courses, students have to select 4 Elective courses, two each in Third and Fourth Semester. The credit requirement for award of M.A. Degree as prescribed by the University Regulations is 80. Students are also expected to do 1 Audit course of 4 Credits each in 1st and 2nd Semesters.

Minimum Credits Required for Pass

Core Course (Other than project/dissertation)	58
Elective Courses	14
Dissertation/Viva-Voce	8
Total	80

Eligibility

Any First Degree of this University or equivalent degree with at least 50% marks or equivalent grade for Part-III excluding subsidiaries. OBC/OEC candidates are eligible for relaxation upto 5%, SC/ST candidates need only to get a pass. The eligibility criteria for admission shall be as announced by the University from time to time.

Letter Grades with Grade Points and Marks Equivalence

Letter Grade	Grade Range	Grade Point	Merit/ Indicator
O	4.25-5.00	85-100	Outstanding
A+	3.75- 4.24	75 – 84.99	Excellent
A	3.25-3.74	65 – 74.99	Very Good
B+	2.75-3.24	55 – 64.99	Good
B	2.50-2.74	50 – 54.99	Above Average
C	2.25-2.49	45 – 49.99	Average
P	2.00-2.24	40 – 44.99	Pass
F	<2.00	0 - 39	Failed
I	0	-	Incomplete
Ab	0	-	Absent

COURSES OFFERED FOR M.A. HISTORY UNDER CHOICE BASED CREDIT SEMESTER SYSTEM (CBCSS) w.e.f. 2019 ADMISSION

Semester I			
Course Code	Title	Type	Credit
HIS 1C01	Method of Historical Research	Core	5
HIS 1C02	Pre-Modern Kerala: Problems and Perspectives	Core	5
HIS 1C03	Problems, Perspectives and Debates in Early Indian History	Core	5
HIS 1C04	Early Bronze and Iron Age Civilisations	Core	5
HIS 1A 01	Personality Development	Audit	4
OR			
HIS 1A 02	Travel and Tourism Management	Audit	4

Semester II			
Course Code	Title	Type	Credit
HIS 2C01	History and Theory	Core	5
HIS 2C02	History of Modern Kerala: Problems and Perspectives	Core	5
HIS 2C03	State and Society in Medieval India	Core	5
HIS 2C04	Selected Problems of medieval and Modern World History	Core	5
HIS 2A 01	Indian Numismatics	Audit	4
	OR		
HIS 2A 02	Archival Studies	Audit	4
	OR		
HIS 2A 03	Perspectives on Museology	Audit	4
Semester III			
HIS 3C01	Perspectives on Colonialism in India	Core	5
HIS 3C02	Discourses on Indian Nationalism	Core	5
Electives*	Group I		
HIS 3E 01	Emerging Trends in Early Indian History	Elective	4
HIS 3E 02	Perspectives and Debates on Early Tamilakam	Elective	4
HIS 3E 03	Knowledge and Culture in Early India	Elective	4
Electives*	Group II		
HIS 3E 04	Selected Themes in Economic History of Medieval India	Elective	4
HIS 3E 05	Aesthetic Traditions of Medieval India	Elective	4
HIS 3E 06	Recent Perspectives on Social History of Kerala	Elective	4
Electives*	Group III		
HIS 3E 07	Social Movements in Modern India	Elective	4
HIS 3E 08	Economic History of Modern India	Elective	4
HIS 3E 09	Gender and Caste in Modern India	Elective	4
*Students shall choose 2 Electives from any one of the three groups provided; Electives shall be chosen from a single group only.			

Semester IV			
HIS 4C01	Problems and Debates in Contemporary India	Core	4
HIS 4C02	Selected Themes in Pre-modern South India	Core	4
Electives*	Group I		
HIS 4E 01	Archaeology: Theory and Practice	Elective	3
HIS 4E 02	Human Geography	Elective	3
HIS 4E 03	Science and Technology in Medieval India	Elective	3
HIS 4E 04	Perspectives on Environmental History of india	Elective	3
Electives*	Group II		
HIS 4E 05	Indian Epigraphy	Elective	3
HIS 4E 06	Indian Literature in Historical Perspectives	Elective	3
HIS 4E 07	Oral History of Kerala	Elective	3
HIS 4E 08	Archival studies and Documentation in India	Elective	3
HIS 4P 01	Project		6
HIS 4V 01	Viva voce		2
*Students shall Choose 1 Elective from each group			



UNIVERSITY OF CALICUT

Abstract

General and Academic- Faculty of Humanities- Syllabus of M.A.Sociology (II Semester to IV Semester) Programme under CBCSS PG Regulations 2019 - for affiliated Colleges and SDE/Private Registration- with effect from 2019 Admission onwards - Implemented, subject to ratification by Academic Council- Orders Issued

G & A - IV - B

U.O.No. 2780/2020/Admn

Dated, Calicut University.P.O, 29.02.2020

- Read:-*1.UO. No. 4487/2019/Admn dated: 26.03.2019
2.UO No.10111/2019/Admn dated 29.07.2019.
3. Minutes of the meeting of the Board of Studies in Sociology-PG held from 06.08.2019 to 08.08.2019 (Item No.2).
4. E mail received from the Dean, Faculty of Humanities, dated: 26.02.2020.

ORDER

1. The Regulations for Choice Based Credit and Semester System for Post Graduate(PG) Curriculum-2019 (CBCSS PG Regulations 2019) for all PG Programmes under CBCSS for Affiliated Colleges and SDE/Private Registration with effect from 2019 Admission onwards has been implemented vide paper read as (1) above.
2. The Scheme and Syllabus of I Semester MA Sociology Programme in accordance with CBCSS PG Regulations 2019 for affiliated Colleges and SDE/Private Registration had been implemented in the University with effect from 2019 Admission onwards, vide paper read as (2) above.
3. The meeting of the Board of Studies in Sociology-PG held from 06.08.2019 to 08.08.2019 has approved the Scheme and Syllabus of II Semester to IV Semester of MA Sociology Programme restructured in tune with new CBCSS PG Regulation with effect from 2019 Admission onwards, vide paper read as (3) above.
4. The Dean, Faculty of Humanities has approved the item No.2 of the minutes of the meeting of the Board of Studies in Sociology-PG held from 06.08.2019 to 08.08.2019, vide paper read (4) above.
5. Under these circumstances, considering the urgency, the Vice-Chancellor has accorded sanction on 27.02.2020 to implement the Scheme and Syllabus of II Semester to IV Semester of MA Sociology Programme in accordance with the new CBCSS PG Regulations 2019, in the University of Calicut with effect from 2019 Admission onwards, subject to ratification by the Academic Council.
6. The Scheme and Syllabus of II Semester to IV Semester of MA Sociology Programme in accordance with CBCSS PG Regulations 2019 for affiliated Colleges and SDE/Private Registration is therefore implemented in the University with effect from 2019 Admission onwards.
7. Orders are issued accordingly. (The Scheme & complete Syllabus appended)

Ajitha P.P

Joint Registrar

To

1. The Principals of all Affiliated Colleges 2. Director , SDE
Copy to: PS to VC/PA to PVC/ PA to Registrar/PA to CE/JCE I /JCE V/JCE VIII/DoA/EX and EG
Sections/GA I F/ Digital Wing/DoA/CHMK Library/Information Centres/SF/DF/FC

Forwarded / By Order

Section Officer

University of Calicut

Structure of the Courses in M.A. Sociology (CBCSS) Programme 2019

Core Courses : 60 Credits

Elective Courses : 12 Credits

General External Viva-Voce (Comprehensive) : 4 Credits

Dissertation : 4 Credits

Total : 80 Credits

Semester I

Sl. No	Course Code	Type of Course	No. Of Credits
1	SOC1 C01	Core Course	5
2	SOC1 C02	Core Course	5
3	SOC1 C03	Core Course	5
4	SOC1 C04	Core Course	5
	SOC1 A01	Audit Course 1	4*
		Total	20

* The students will have to undergo two audit courses with 4 credits each in the First and Second Semesters. The credits will not be counted for evaluating the overall SGPA & CGPA. Audit courses are not part of the normal workload.

Semester II

Sl. No	Course Code	Type of Course	No. Of Credits
5	SOC2 C05	Core Course	5
6	SOC2 C06	Core Course	5
7	SOC2 C07	Core Course	5
8	SOC2 C08	Core Course	5
	SOC2 A02	Audit Course 2	4*
		Total	20

* The students will have to undergo two audit courses with 4 credits each in the First and Second Semesters. The credits will not be counted for evaluating the overall SGPA & CGPA. Audit courses are not part of the normal workload.

Semester III

Sl. No	Course Code	Type of Course	No. Of Credits
9	SOC3 C09	Core Course	5
10	SOC3 C10	Core Course	5
11		Elective Course	4
12		Elective Course	4
Total			18

Semester IV

Sl. No	Course Code	Type of Course	No. Of Credits
13	SOC4 C11	Core Course	5
14	SOC4 C12	Core Course	5
15		Elective Course	4
	SOC4 P01	Dissertation	4
	SOC4 V01	Comprehensive External Viva-voce	4
Total			22

Total Credits: 20+20+18+22= 80 Credits

Eligibility Criteria

Under Mark System :- Any UG Degree of this University or equivalent degree with at least 45% marks for Part III (excluding subsidiaries). OBC/OEC candidates are eligible to relaxation up to 5%. SC/ST candidates need only to get a pass.

Under Grade System :- Any UG Degree of this University or equivalent degree with each Core and Complementary course grade point at least equivalent to 50%. OBC/OEC candidates are eligible to relaxation up to 5%. SC/ST candidates need only to get a pass.

UNIVERSITY OF CALICUT



SCHEME & SYLLABUS
OF
INTEGRATED MA SOCIOLOGY PROGRAMME
(2020-21 Academic Year onwards in Affiliated Colleges)

**INTEGRATED MA SOCIOLOGY PROGRAMME
(2020 ADMISSION ONWARDS)**

Semester	Type of Course	Course Code	Name of the Course	Credit	
I	Core	SOC1IB01	Fundamentals Of Sociology	4	6
II	Core	SOC2IB02	Structure And Transformation Of Indian Society	4	6
III	Core	SOC3IB03	Classical Sociological Thinkers	4	5
III	Core	SOC3IB04	Social Stratification And Inequalities: An Introduction	4	4
III	General	SOC4IA11		4	4
III	General	SOC4IA12		4	4
IV	Core	SOC4IB05	Basics Of Social Research	4	5
IV	Core	SOC4IB06	Rural And Urban Sociology	4	4
IV	General	SOC4IA13		4	4
IV	General	SOC4IA14		4	4
V	Core	SOC5IB06	Introduction to Social Anthropology	4	5
V	Core	SOC5IB07	Women And Society	4	5
V	Core	SOC5IB08	Basics of Social Psychology	4	5
Any one of the Open Courses to be offered by the Department					
V	Open	SOC5ID01	Life Skill Development	3	3
V	Open	SOC5ID01	Kerala Society: Structure And Transformation	3	

V	Project(Minor)	SOC6IF01	Project		2
VI	Core	SOC6IB09	Schools Of Sociological Theory- 1	4	6
VI	Core	SOC6IB10	Population And Society	4	6
VI	Core	SOC6IB11	Media and Society	4	6
VI	Core	SOC6IB12	Crime and Society	4	5
VI	Project(Minor)	SOC6IF01	Project	3	2
VII	Core	SOC7IB13	Preliminaries Of Sociological Theory	5	7
VII	Core	SOC7IB14	Social Research Methodology I	5	6
VII	Core	SOC7IB15	Indian Society : A Sociological Analysis	5	6
VII	Core	SOC7IB16	Gender And Society	5	6
VII	Audit	SOC7II05	Ability Enhancement Course	**	
VIII	Core	SOC8IB17	Schools Of Sociological Theories II	5	7
VIII	Core	SOC8IB18	Social Research Methodology II	5	6
VIII	Core	SOC8IB19	Environment and Society	5	6
VIII	Core	SOC8IB20	Sociology of Keralam	5	6
VIII	Audit	SOC8II06	Professional Competency Course	**	
IX	Core	SOC9IB21	Schools of Sociological Theories - III	5	7
IX	Core	SOC9IB22	Sociology Of	5	6

			Development		
Any Two of The Following					
IX	Elective	SOC9IE01	Project Planning and Implementation	4	6
IX	Elective	SOC9IE02	Sociology And Social Work	4	6
IX	Elective	SOC9IE03	Counselling : Theory And Practice	4	6
X	Core	SOC10IB23	Current Debates In Social Theory	5	8
X	Core	SOC3IB24	Economy and Society	5	8
Any One of the following					
X	Elective	SOC10IE04	Society, Science And Technology	4	7
X	Elective	SOC10IE05	Sociology Of Food	4	
X	Elective	SOC10IE06	Community Health And Health Administration	4	
X	Project(Major)	SOC6IF02	Dissertation	4	2
X	Comprehensive Viva	SOC6IG01	Viva Voce (General Comprehensive)	4	

*** There shall be one Audit course each in the first four semesters of the Foundation Programme. These courses are not meant for class room study. The foundation Programmes should follow the Audit courses from I to IV semesters as per the CBCSS UG Regulations, University of Calicut. Changes made in the syllabus of the Audit courses by the respective boards will be applicable to Integrated Programmes also. The students can attain only pass (Grade P) for these courses. At the end of each semester there shall be examination conducted by the college from a pool of questions (Question Bank) set by the University. The students can also attain these credits through online courses like SWAYAM, MOOC etc (optional). The list of passed students must be sent to the University from the colleges at least before the fifth semester examination.**

**** The students will have to undergo two audit courses with 4 credits each in the Seventh and Eighth Semesters. The credits will not be counted for evaluating the overall SGPA & CGPA. Audit courses are not part of the normal workload.**

UNIVERSITY OF CALICUT
THENHIPALAM, CALICUT UNIVERSITY P.O -673635



DEGREE OF
MASTER OF VOCATION (M. Voc)
IN
SOFTWARE DEVELOPMENT

(AS PER THE GUIDELINES OF UGC)

UNDER THE
FACULTY OF SCIENCE

SYLLABUS

(CHOICE BASED CREDIT & SEMESTER SYSTEM- CBCSS)
(FOR THE STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2020 – 21 ONWARDS)

BOARD OF STUDIES IN COMPUTER SCIENCE (PG)
THENHIPALAM, CALICUT UNIVERSITY P.O
KERALA, 673 635, INDIA
AUGUST, 2020

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M.Voc SOFTWARE DEVELOPMENT**PROGRAMME STRUCTURE**

LEGEND	
Item	Description
C	Credits
CA	Continuous Assessment
ESE	End Semester Evaluation
L+T	Lecture + Tutorial Hours
P	Practical Hours
T / Tot	Total

SEMESTER I										
Course No	Course Code	Course Name	Credit	Weightage			Hrs /week			Hrs/Sem
				CA	ESE	To	L+T	P	T	Tot
1.1	GEC1SD01	Communication Skills Development	4	1	4	5	3+1	0	4	60
1.2	SDC1SD01	Object Oriented Programming with Java and SQL	5	1	4	5	0	5	5	75
1.3	SDC1SD02	PHP Programming	4	1	4	5	3+1	0	4	60
1.4	SDC1SD03	Introduction to Mobile Application Development and Web Technologies	4	1	4	5	3+1	0	4	60
1.5	SDC1SD04	Android App Development for Beginners	4	1	4	5	3+1	0	4	60
1.6	SDC1SDL1	LAB I : PHP Programming - Lab	5	1	4	5	0	5	5	75
1.7	SDC1SDL2	LAB 2:Software Lab I (Android I,Java &SQL)	4	1	4	5	3+1	0	4	60
1.8	SDC1SDA1	Ability Enhancement Course (AEC) Audit Course – 1	4	5	0	5	0	0	0	0
Total			30				20	10	30	450
SEMESTER II										
NSQF Level 8										
Course No	Course Code	Course Name	Credit	Weightage %			Hrs/wk			Hrs/Sem
				CA	ESE	To	L+T	P	To	Tot
2.1	GEC2SD02	Professional Skills Development (Training Programme)	4	1	4	5	3+1	0	4	60
2.2	SDC2SD05	Database and Backend Technologies	4	1	4	5	3+1	0	4	60

2.3	SDC2SD06	Advanced Java Programming	4	1	4	5	3+1	0	4	60
2.4	SDC2SD07	Android App Development - Advanced	4	1	4	5	3+1	0	4	60
2.5	SDC2SDL3	LAB 3: Advanced Java – Lab	5	1	4	5	0	5	5	75
2.6	SDC2SDL4	LAB 4 : Software Lab II (Android II and Database) (LAB)	4	1	4	4	0	4	4	60
2.7	SDC2SDL5	LAB 5 : Mini Project/Internship [Android App Development]	5	1	4	5	0	5	5	75
2.8	SDC2SDA2	Professional Competency Course (PCC)- Audit Course II	4	5	0	5	0	0	0	0
Total			30				20	10	30	450

SEMESTER III

Course No	Course Code	Course Name	Credit	Weightage %			Hrs/wk			Hrs/Sem
				CA	ESE	Tot	L+T	P	Tot	Tot
3.1	GEC3RM04	Research Methodology	3	1	4	5	2+1	0	3	45
3.2	SDC3SD08	Programming with Swift	4	1	4	5	3+1	0	4	60
3.3	GEC3SD03	Elective – I	4	1	4	5	2+1	1	4	60
3.4	SDC3SD10	Machine Learning	4	1	4	5	3+1	0	4	60
3.5	SDC3SD11	iOS App Development –Fundamentals	4	1	4	5	3+1	0	4	60
3.6	GEC3SD04	Elective – II	4	1	4	5	0	4	4	60
3.7	SDC3SDL6	LAB 6:Android App Development-Lab	4	1	4	5	0	4	4	60
3.8	SDC3SDL7	LAB 7: Software Lab III (iOS and Swift)	3	1	4	5	0	3	3	45
Total			30				20	10	30	450

SEMESTER IV

NSQF Level 9

Course No	Course Code	Course Name	Credit	Weightage			Hours/ wk			Hrs/Sem
				CA	ESE	Tot	L+T	P	Tot	Tot
4.1	SDC4SDTP	Term Paper	30	5	0	5				900
4.2	SDC4SDL8	LAB 8: Internship & Project		1	4	5	0	30	30	
Total			30				0	30	30	900

UNIVERSITY OF CALICUT



MASTER OF VOCATION (M.VOC) IN MULTIMEDIA

UNDER THE FACULTY OF JOURNALISM
SYLLABUS
w.e.f 2021 ADMISSION ONWARDS

BOARD OF STUDIES IN MULTIMEDIA
THENHIPALAM, CALICUT UNIVERSITY P.O
KERALA, 673635, INDIA

MASTER OF VOCATION IN MULTIMEDIA

PROGRAMME STRUCTURE

COURSE CODE	TITLE OF THE COURSE	TYPE OF THE COURSE	HOURS PER WEEK	CREDIT	TOTAL CREDITS
FIRST SEMESTER					
GEC1MM01	COMMUNICATION THEORIES	Theory	4	4	30
GEC1MM02	AUDIO VISUAL NARRATIVES	Theory	4	4	
SDC1MM01	INTRODUCTION TO VISUAL CULTURE	Theory	4	4	
SDC1MM02	PHOTOGRAPHY	Theory	5	5	
SDC1MML1	CREATIVITY AND DRAWING TECHNIQUES (P)	Practical	4	4	
SDC1MML2	MEDIA DESIGN LAB (P)	Practical	5	5	
SDC1MML3	SCREENWRITING LAB (P)	Practical	4	4	
AEC1MM01	AUDIT COURSE I TECHNICAL ENGLISH AND COPY EDITING	Audit Course 1 (Theory)	0	4	
SECOND SEMESTER					
GEC2MM03	MEDIA BUSINESS AND PRACTICE	Theory	5	5	30
SDC2MM03	TECHNIQUES OF VIDEO EDITING	Theory & Practical	4	4	
	ELECTIVE COURSE I	Theory	4	4	
SDC2MML4	SHOOTING PRACTICES (P)	Practical	5	5	
SDC2MML5	BASICS OF SOUND AND SOUND RECORDING LAB (P)	Practical	4	4	
SDC2MML6	DESIGN FOR ADVERTISING (P)	Practical	4	4	

SDC2MMP1	MINI PROJECT	Practical	4	4	
PCC2MM01	AUDIT COURSE II INTRODUCTION TO STOPMOTION	Theory & Practical	0	4	
THIRD SEMESTER					
GEC3MM04	RESEARCH METHODOLOGY FOR COMMUNICATION AND MEDIA STUDIES	Theory	5	5	
SDC3MM04	ART DIRECTION AND PRODUCTION DESIGN	Theory & Practical	5	5	
SDC3MM05	INTRODUCTION TO 3D ANIMATION	Theory	3	3	
	ELECTIVE COURSE II	Theory & Practical	4	4	
SDC3MML7	2D GRAPHICS ANIMATION (P)	Practical	4	4	30
SDC3MML8	INTERACTIVE MEDIA DESIGNING(P)	Practical	5	5	
SDC3MML9	BASICS OF VFX AND COMPOSITING LAB (P)	Practical	4	4	
FOURTH SEMESTER					
SDC4MMTP	TERM PAPER				30
SDC4MMP2	INTERNSHIP & PROJECT				
Total Hours per sem					900