DEPARTMENT OF ECONOMICS

Curriculum and Syllabus for

BA Economics Programme

Under Choice Based Credit System

(Outcome Based Education with Effect from 2022 Admissions)

St Berchmans College
Founded 1922
AUTONOMOUS | College with Potential for Excellence | Reaccredited by NAAC with A Grade
CHANGANASSERY, KERALA

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AUTONOMOUS College with Potential for Excellence | Reaccredited by NAAC with A Grade
Affiliated to Mahatma Gandhi University, Kottayam, Kerala
Changanassery, Kottayam, Kerala, India-686101

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REGULATIONS FOR UNDERGRADUATE PROGRAMMES (BA/BSc/BCom/BCA) UNDER CHOICE BASED CREDIT SYSTEM 2022 (SB - UG - CBCS - 2022)

1. SHORT TITLE

1.1 These Regulations shall be called St. Berchmans College (Autonomous) Regulations governing undergraduate programmes under Choice Based Credit System 2022.

1.2 These Regulations shall come into force with effect from the academic year 2022 - 23 admissions onwards with outcome based education.

2. SCOPE

2.1 The regulation provided herein shall apply to all regular undergraduate programmes, BA/BSc/BCom/BCA, conducted by St. Berchmans College (Autonomous) with effect from 2022 - 23 admissions onwards.

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

3. DEFINITIONS

3.1 'University' means Mahatma Gandhi University, Kottayam, Kerala.

3.2 'College' means St. Berchmans College (Autonomous) Changanassery.

3.3 There shall be an Academic Committee nominated by the Principal to look after the matters relating to the SB – UG - CBCS.

3.4 'Academic Council' means the Committee consisting of members as provided under section 107 of the University Laws Bill 2021, Government of Kerala.

3.5 'Parent Department' means the Department, which offers a particular undergraduate programme.

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

3.7 'Faculty Mentor' is a teacher nominated by a Department Council to coordinate the continuous evaluation and other academic activities of the undergraduate programme undertaken in the Department.

3.8 Outcome-Based Education (OBE) is a student-centric teaching and learning methodology in which the course delivery and assessment are planned to achieve stated objectives and outcomes.

3.9 'Programme Outcome (PO)s' are statements that describe what students are expected to know and be able to do by the time of graduation.

3.10 'Programme Specific Outcome (PSO)s' are statements that describe what the graduates of a specific programme should be able to do.

3.11 'Course Outcome (CO)s' describe what students should be able to do at the end of a course.

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

3.13 'Duration of Programme' means the period of time required for the conduct of the programme. The duration of an undergraduate programme shall be six (6) semesters.

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

3.15 'Course' means a portion of a subject to be taught and evaluated in a semester.

3.16 'Course Teacher' means the teacher who is engaging classes on the course.

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

3.18 'Complementary Course' means a course, which would enrich the study of core courses.

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

3.20 'Common Course II' means additional language, which can be opted by a student, from among the languages offered by the College.

3.21 The Common Course I and II is compulsory for all students undergoing Model I and Model II programmes.

3.22 'Open Course' means a course offered by the departments other than the parent department outside the field of specialization of the student, which can be opted by a student.

3.23 'Choice Based Core Course' means a course, that enables the students to familiarize the advanced areas of Core Course.

3.24 'Vocational Course' means a course that enables the students to enhance their practical skills and ability to pursue a vocation in their subject of specialization.

3.25 'Frontier course' is a new area of study that introduces the students to an emerging field that is related to the core subject.

3.26 'Extra Credit Course' means a course opted by the students, in addition to the compulsory courses, in order to gain additional credit that would boost the performance level and additional skills.

3.27 Extra credit courses shall be completed by working outside the regular teaching hours.

3.28 There will be two categories of extra credit courses, mandatory and optional. If a candidate fails to complete the mandatory course, he/she shall complete the same within the tenure of the programme. The details of the extra credit courses are given below:

Name	Semesters	Type	Credit
Value Education	I to VI	Compulsory	3
Basic Life Support System and Disaster Management (BLS & DM)	I	Compulsory	1
Social Awareness Course (SAC)	I and II	Compulsory	2
Skill Development Courses (SDC)	II and III	Compulsory	2
Industry Familiarisation Course	IV	Compulsory	2
Finishing School	III and IV	Compulsory	1
Virtual Lab	V	Optional	1
Massive Open Online Courses	I to V	Optional	Variable
Interdisciplinary Research	I to V	Optional	3

3.29 'On the Job Training' means a job training course given to the students to acquaint them with various industrial skills.

3.30 'Project' means a regular project work with stated credits on which the student conducts a project under the supervision of a teacher in the parent department/any appropriate research centre in order to submit a dissertation on the project work as specified.

3.31 'Dissertation' means a minor thesis to be submitted at the end of a research work carried out by each student on a specific area.

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

3.33 'Seminar' means a lecture expected to train the student in self-study, collection of relevant matter from books and internet resources, editing, document writing, typing and presentation.

3.34 'Improvement Examination' is an examination conducted to improve the performance of a student in the courses of a particular semester as per the examination manual.

3.35 'Supplementary Examination' is an examination conducted for students who fail in the courses of a particular semester as per the examination manual.

3.36 The minimum credits, required for completing an undergraduate programme is one hundred and twenty (120).

3.37 'Credit' (C) of a course is a measure of the weekly unit of work assigned for that course in a semester.

3.38 'Course Credit': One credit of the course is defined as a minimum of one (1) hour lecture/minimum of two (2) hours laboratory/field work per week for eighteen (18) weeks in a semester. The course will be considered as completed only by conducting the final examination.

3.39 'Grade' means a letter symbol (A, B, C etc.) which indicates the broad level of performance of a student in a course/semester/programme.

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

3.41 'Credit Point' (CP) of a course is the value obtained by multiplying the grade point (GP) by the credit (C) of the course.

3.42 'Semester Credit Point Average' (SCPA) of a semester is calculated by dividing total credit points obtained by the student in a semester by total credits of that semester and shall be rounded off to two decimal places.

3.43 'Cumulative Credit Point Average' (CCPA) is the value obtained by dividing the sum of credit points in all the courses obtained by the student for the entire programme by the total credits of the whole programme and shall be rounded off to two decimal places.

3.44 'Institution Average' is the value obtained by dividing the sum of the marks obtained by all students in a particular course by the number of students in the respective course.

3.45 'Grace Marks' means marks awarded to course/courses as per the choice of the student, in recognition of meritorious achievements of a student in NCC/NSS/sports/arts and cultural activities.

3.46 Rank certificate shall be issued to candidates who secure positons from one to three. Position certificate shall be issued on request from fourth position to tenth position. Candidates shall be ranked in the order of merit based on the CCPA scored by them. Grace marks awarded to students shall not be counted for fixing rank/position. The rank and position certificate shall be signed by the Principal and Controller of Examinations.

4. PROGRAMME STRUCTURE

4.1. The programme shall include core courses, vocational courses, frontier course, complementary courses, common courses, open course and choice based core courses. There shall be a project/dissertation to be undertaken by all students. The programme will also include assignments, seminars, practical, viva-voce, OJT, field visit, industry visit, field project etc., if they are specified in the curriculum.

Study tour/field visit/industrial visit/visit to research institutes/visit to historical places/cultural and heritage centres etc. shall be conducted during the fifth or sixth semester as part of the curriculum.

4.2. Total credits for a programme is one hundred and twenty (120). The credit distribution for various UG programmes is shown below.

Model I BA/BSc

i.	Programme duration	6 Semesters
ii.	Total credits required for successful completion of the programme	120
iii.	Minimum credits required from Core + Choice based core course + Project + Complementary courses	79
iv.	Minimum credits required from Common course I	22
v.	Minimum credits required from Common course II	16
vi.	Minimum credits required from Open course	3
vii.	Minimum attendance required	75%

Model II BA

i.	Programme duration	6 Semesters
ii.	Total credits required for successful completion of the programme	120
iii.	Minimum credits required from Core + Vocational courses + Choice based core course + Project + Complementary courses	93
iv.	Minimum credits required from Common course I	16
v.	Minimum credits required from Common course II	8
vi.	Minimum credits required from Open course	3
vii.	Minimum attendance required	75%

Model III BSc/BCA

i.	Programme duration	6 Semesters
ii.	Total credits required for successful completion of the programme	120
iii.	Minimum credits required from Core + Choice based core course + Project + Complementary courses	109
iv.	Minimum credits required from Common course I	8
v.	Minimum credits required from Open course	3
vi.	Minimum attendance required	75%

Model I BCom

i.	Programme duration	6 Semesters
ii.	Total credits required for successful completion of the programme	120
iii.	Minimum credits required from Core + Optional courses + Project	95
iv.	Minimum credits required from Common course I	14
v.	Minimum credits required from Common course II	8
vi.	Minimum credits required from Open course	3
vii.	Minimum attendance required	75%

4.3. **Project/Dissertation of courses other than BCA**

All students shall do a project/research work in the area of core course during the course of the programme. The project/ research work shall be done individually or as a group of maximum five (5) students. The projects/research work shall be identified during the fourth semester of the programme with the help of the supervising teacher. The report of the project/research work shall be submitted to the department during sixth semester and shall be produced before the examiners appointed by the College. The project report/dissertation shall be subject to evaluation followed by a viva-voce/defence in the sixth semester.

4.4. **Project/Dissertation of BCA**

Minor project

All students shall do a minor project in the fourth semester. The project shall be done individually or as a group of maximum five (5) students. The report of the project shall be submitted before the examiners appointed by the College. The project report shall be subject to evaluation followed by a viva-voce.

Major project

All students shall do a major project in the sixth semester. The project shall be done individually. The report of the project shall be submitted to the department during sixth semester and shall be produced before the examiners appointed by the College. The project report shall be subject to evaluation followed by a viva-voce.

4.5 In exceptional circumstances like natural calamities, epidemics, pandemics etc, viva/OJT may be conducted through online mode also. Head of the Department shall make the arrangement for conducting the viva/OJT examinations through online. The entire proceedings shall be recorded and the soft copy shall be submitted to the Controller of Examinations.

4.6 **Evaluations**

The evaluation of each course shall contain two parts.

i In-Semester Assessment (ISA)
ii End-Semester Assessment (ESA)

Both ISA and ESA shall be carried out using indirect grading. The ISA: ESA ratio shall be 1:4, for courses with or without practical. There shall be a maximum of eighty (80) marks for end-semester assessment and twenty (20) marks for in-semester assessment.

4.7 **In-semester assessment**

The components of the in-semester assessment and their marks are given below.

Common Courses and courses without practical

Component	**Marks**
Attendance	2
Exam 1 & Exam 2 *Marks shall be secured from two examinations based on modern tools	2½ + 2½
Exam 3 (written examination)	5
Quiz/Poster/Seminar/Field report/Group Discussion/Work Book/Assignment/Article Review/Viva (Any two from the above)	4 + 4
Total	**20**

Marks for attendance

% of Attendance	Marks
Above 90	2
75 – 90	1

(Decimals shall be rounded off to the next higher whole number)

Courses other than common courses with practical (except BCA & BSc Psychology)

Component	Marks
Attendance	2
Exam 1 & Exam 2 *Marks shall be secured from two examinations based on modern tools	2 + 2
Exam 3 (written examination)	3
Quiz/Poster/Seminar/Field report/Group Discussion/Work Book/Assignment/Article Review/Viva (Any two from the above)	3 + 3
Total	**15**

Marks for attendance

% of Attendance	Marks
Above 90	2
75 – 90	1

(Decimals shall be rounded off to the next higher whole number)

The internal assessment of practical courses shall be conducted either annually or in each semester. The components for internal assessment are given below.

Internal assessment of practical courses evaluated in each semester

Component	Marks
Attendance	1
Lab Test	2
Record*	2
Total	**5**

*Marks awarded for Record shall be related to number of experiments/practicals recorded.

Marks for attendance

% of Attendance	Marks
Above 75	1

(Decimals shall be rounded off to the next higher whole number)

Internal assessment of practical courses evaluated annually

Component	Marks
Attendance	2
Lab involvement	3
Lab Test/Viva/Field report	3
Record*	2
Total	**10**

*Marks awarded for Record shall be related to number of experiments/practicals recorded.

Marks for attendance

% of Attendance	Marks
Above 90	2
75 – 90	1

(Decimals shall be rounded off to the next higher whole number)

Assessment of practical courses of BCA programme

The internal assessment of practical courses shall be conducted in each semester. The ISA:ESA ratio shall be 1:4. There shall be a maximum of eighty (80) marks for end-semester evaluation and twenty (20) marks for in-semester assessment. The components for internal assessment are given below.

Component	Marks
Attendance	2
Viva	4
Record	4
Test (1×10=10) or (2×5=10)	10
Total	20

Marks for attendance

% of Attendance	Marks
Above 90	2
75 – 90	1

(Decimals shall be rounded off to the next higher whole number)

Assessment of practical courses of BSc Psychology programme

The internal assessment of practical courses shall be conducted in each semester. The ISA: ESA ratio shall be 1:4. There shall be a maximum of eighty (80) marks for end-semester evaluation and twenty (20) marks for in-semester assessment. The components for internal assessment are given below.

Component	Marks
Attendance	2
Record	5
Viva	6
Test papers	7
Total	20

Marks for attendance

% of Attendance	Marks
Above 90	2
75-90	1

(Decimals shall be rounded off to the next higher whole number)

4.8 To ensure transparency of the evaluation process, the ISA mark awarded to the students in each course in a semester shall be published on the notice board according to the schedule in the academic calendar published by the College. There shall not be any chance for improvement of ISA. The course teacher and the faculty mentor shall maintain the academic record of each student registered for the course which shall be forwarded to the office of the Controller of Examinations through the Head of the Department and a copy shall be kept in the office of the Head of the Department for at least two years for verification.

4.9 A student who has not secured minimum marks in the in-semester assessment can redo the same before the end semester examination of the semester concerned.

4.10 **End-semester assessment**

The end-semester examination in theory and practical courses shall be conducted by the College.

4.11 The end-semester examinations shall be conducted at the end of each semester. There shall be one end-semester examination of three (3) hours duration in each lecture based course.

4.12 The question paper shall be strictly on the basis of model question paper set by Board of Studies.

4.13 A question paper may contain short answer type/annotation, short essay type questions/problems and long essay type questions. Marks for each type of question can vary from programme to programme, but a general pattern may be followed by the Board of Studies.

4.14 End-semester Examination question paper pattern shall be as given below.

Core Courses and complementary courses in English of BA Programmes in English

Section	Total No. of Questions	No. of Questions to be Answered	Marks	Total Marks for the Section
A	13	10	5	50
B	4	2	15	30
			Maximum	**80**

Courses without practical except core courses of BA Programmes in English

Section	Total No. of Questions	No. of Questions to be Answered	Marks	Total Marks for the Section
A	12	10	2	20
B	9	6	5	30
C	4	2	15	30
			Maximum	**80**

Courses with practical

Section	Total No. of Questions	No. of Questions to be Answered	Marks	Total Marks for the Section
A	12	10	2	20
B	9	6	4	24
C	4	2	8	16
			Maximum	**60**

Courses in BSc Mathematics Programme

Section	Total No. of Questions	No. of Questions to be Answered	Mark for Each Question	Total Marks for the Section
A	12	10	1	10
B	At most 13	Questions with total marks 40 will be given. All questions can be answered.	3, 4, 5 or 6	30
C	Four question sets, one from each module. Each set consists of two questions out of which one is to be answered.	4	10	40
			Maximum	**80**

4.15 Photocopies of the valued answer scripts of the end semester examination shall be made available to the students for scrutiny as per the regulations in the examination manual.

4.16 Practical examination shall be conducted annually or in each semester. The duration and frequency of practical examination shall be decided by the respective Board of Studies.

4.17 Practical examination shall be conducted by the examiners appointed by the Controller of Examinations.

4.18 The marks for end-semester theory and practical examinations are given below

Course	Marks
Courses without practical	80
Course with practical	60
Practical (assessment in each semester)	20
Practical (odd and even semester combined)	40
Course with practical (BCA and BSc Psychology programmes)	80
Practical (BCA and BSc Psychology programmes)	80

4.19 The project report/dissertation shall be subject to in-semester assessment followed by end-semester evaluation at the end of the programme. In-semester assessment is to be done by the supervising teacher and end-semester assessment by an evaluation board consisting of an examiner appointed by the Controller of Examinations and the Head of the Department or his nominee. A viva-voce/defence related to the project work shall be conducted by the end-semester evaluation board and students have to attend the viva-voce/defence individually.

Components of Project Evaluation	**Marks**
In-semester Assessment	20
Dissertation	50
Viva-Voce	30
Total	**100**

4.20 If the student fails in project evaluation, he or she shall submit the project report/dissertation after modifying it on the basis of the recommendations of the examiners.

4.21 For all courses (theory and practical) an indirect grading system based on a ten (10) point scale according to the percentage of marks (ISA + ESA) is used to evaluate the performance of the student in that course. The percentage shall be rounded mathematically to the nearest whole number.

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

5 CREDIT POINT AND CREDIT POINT AVERAGE

5.1 **Credit Point**

Credit Point (CP) of a course is calculated using the formula

CP = C × GP

where C is the credit and GP is the grade point

5.2 **Semester Credit Point Average**

Semester Credit Point Average (SCPA) is calculated using the formula

SCPA = TCP/TCS

where TCP is the total credit point of all the courses in the semester and TCS is the total credits in the semester

CPA shall be rounded off to two decimal places.

5.3 **Cumulative Credit Point Average**

Cumulative Credit Point Average (CCPA) is calculated using the formula

CCPA = TCP/TC

where TCP is the total credit point of all the courses in the whole programme and TC is the total credit in the whole programme

CPA shall be rounded off to two decimal places.

5.4 **Credit Point Average (CPA)** of different category of courses viz. Common Course I, Common Course II, Complementary Course I, Complementary Course II, Vocational Course, Core Course etc. are calculated using the formula

CPA = TCP/TC

where TCP is the Total Credit Point of a category of course and TC is the total credit of that category of course

Grades for the different courses, semesters, Semester Credit Point Average (SCPA) and grades for overall programme, Cumulative Credit Point Average (CCPA) are given based on the corresponding Credit Point Average (CPA) as shown below:

CPA	Grade	Performance
9.5 and above	S	Outstanding
8.5 to below 9.5	A+	Excellent
7.5 to below 8.5	A	Very Good
6.5 to below 7.5	B+	Good
5.5 to below 6.5	B	Above Average
4.5 to below 5.5	C	Satisfactory
4 to below 4.5	D	Pass
Below 4	F	Failure

5.5 A separate minimum of 30% marks each for in-semester and end-semester assessment (for both theory and practical) and aggregate minimum of 35% are required for a pass in a course.

5.6 For a pass in a programme, a separate minimum of grade 'D' is required for all the individual courses.

5.7 If a candidate secures F Grade for any one of the courses offered in a semester/programme, only F grade will be awarded for that semester/programme until the student improves this to D grade or above within the permitted period.

5.8 Candidate who secures D grade and above will be eligible for higher studies.

6 SUPPLEMENTARY/IMPROVEMENT EXAMINATION

6.1 There will be supplementary examinations and chance for improvement. Only one chance will be given for improving the marks of a course.

6.2 There shall not be any improvement examination for practical examinations and examinations of the final year.

7 ATTENDANCE

7.1 The minimum requirement of aggregate attendance during a semester for appearing the end semester examination shall be 75%. Condonation of shortage of attendance to a maximum of ten (10) days in a semester subject to a maximum of two times during the whole period of undergraduate programme may be granted by the College. This condonation shall not be counted for internal assessment.

7.2 Benefit of attendance may be granted to students representing the College, University, State or Nation in Sports, NCC, NSS or Cultural or any other officially sponsored activities such as College union/University union activities etc., on production of participation/attendance certificates, within one week from competent authorities, for the actual number of days participated, subject to a maximum of ten (10) days in a semester, on the specific recommendations of the Faculty Mentor and Head of the Department.

7.3 A student who does not satisfy the requirements of attendance shall not be permitted to appear for the end-semester examinations.

7.4 Those students who are not eligible even with condonation of shortage of attendance shall repeat the course along with the next batch after obtaining readmission.

8 BOARD OF STUDIES AND COURSES

8.1 The Board of Studies concerned shall design all the courses offered in the UG programme. The Board shall design and introduce new courses, modify or re-design existing courses and replace any existing courses with new/modified courses to facilitate better exposure and training for the students.

8.2 The syllabus of a programme shall contain vision, mission and Programme Outcomes of the College, Programme Specific Outcomes and Course Outcomes of the Department. It shall also contain course mapping table, programme articulation matrix and model question papers.

8.3 The syllabus of a course shall contain the title of the course, course outcomes, course mapping table, contact hours, the number of credits, and reference materials.

8.4 Each course shall have an alpha numeric code.

8.5 Every programme conducted under Credit Semester System shall be monitored by the Academic Council.

9 REGISTRATION

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

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

9.3 A student may be permitted to complete the programme, on valid reasons, within a period of twelve (12) continuous semesters from the date of commencement of the first semester of the programme.

9.4 The minimum strength of students for open courses is 15 and the maximum is 75 per batch.

9.5 Each student shall register for the open courses in the prescribed registration form in consultation with the faculty mentor during fourth semester. Faculty mentor shall permit registration on the basis of the preferences of the student and availability of seats.

10 ADMISSION

10.1 The admission to all UG programmes shall be as per the rules and regulations of the College/University.

10.2 Candidates should have passed Plus Two or equivalent examination or an examination recognised by Mahatma Gandhi University as equivalent thereto for admission to BA Economics programme.

10.3 Separate rank lists shall be drawn up for seats under reservation quota as per the existing rules.

10.4 There shall be an academic and examination calendar prepared by the College for the conduct of the programmes.

11 MARK CUM GRADE CARD

11.1 The College under its seal shall issue to the students, a Mark cum Grade Card on completion of each semester, which shall contain the following information.

a. Name of the Student
b. Register Number
c. Photo of the student
d. Degree
e. Programme
f. Date of Birth
g. Date of Eligibility
h. Semester and Name of the Examination
i. Month and Year of Examination
j. Stream
k. Course Code, Title and Credits of each course opted in the semester
l. Marks for ISA, ESA, Total Marks (ISA + ESA), Maximum Marks, Letter Grade, Grade Point (GP), Credit Point (CP) and Institution Average in each course opted in the semester
m. Total Credits, Marks Awarded, Credit Point, SCPA and Letter Grade in the semester
n. Result
o. Credits/Grade of Extra Credit Courses

11.2 The final Mark cum Grade Card issued at the end of the final semester shall contain the details of all courses taken during the entire programme including those taken over and above the prescribed minimum credits for obtaining the degree. The final Mark Cum Grade Card shall show the CCPA, the overall letter grade of a student for the entire programme and level of attainment of PO and PSO.

12 AWARD OF DEGREE

The successful completion of all courses other than extra credit courses with 'D' grade shall be the minimum requirement for the award of the degree.

13 MONITORING COMMITTEE

There shall be a Monitoring Committee constituted by the Principal to monitor the internal evaluation conducted by the College. The Course Teacher, Faculty Mentor, and the College Coordinator shall keep all the records of the continuous evaluation, for at least a period of two years, for verification.

14 GRIEVANCE REDRESSAL MECHANISM

14.1 In order to address the grievance of students regarding ISA, a two-level grievance redressal mechanism is envisaged.

14.2 A student can approach the upper level only if grievance is not addressed at the lower level.

14.3 Department level: The Principal shall form a Grievance Redress Committee in each Department comprising of course teacher and one senior teacher as members and the Head of the Department as Chairman. The Committee shall address all grievances relating to the internal assessment of the students.

14.4 College level: There shall be a College level Grievance Redress Committee comprising of Faculty Mentor, two senior teachers and two staff council members (one shall be an elected member) and the Principal as Chairman. The Committee shall address all grievances relating to the internal assessment of the students.

15 TRANSITORY PROVISION

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

St Berchmans College
AUTONOMOUS | College with Potential for Excellence | Reaccredited by NAAC with A Grade
Affiliated to Mahatma Gandhi University, Kottayam, Kerala
Changanassery, Kottayam, Kerala, India-686101

30-Jan-2021

CONSOLIDATED MARK CUM GRADE CARD

(Common for BA/BSc/BCom/BCA/BVoc Degree programmes)

Name of Candidate :
Permanent Register Number (PRN) :
Degree :
Programme :
Stream :
Date of Birth :
Date of Eligibility for the Degree :

PHOTO

SEMESTER RESULTS

Semester	Marks Awarded	Maximum Marks	Credits	SCPA	Grade	Month and Year of Passing	Results
Semester I							
Semester II							
Semester III							
Semester IV							
Semester V							
Semester VI							
Total							

PROGRAMME PART RESULTS

Programme Part	Marks Awarded	Maximum Marks	Credit Points	Credits	CCPA	Grade
Common Course I:						
Common Course II :						
Core Course:						
Complementary Course :						
Complementary Course:						
Open Course						
Total						

FINAL RESULT

CUMULATIVE CREDIT POINT AVERAGE (CCPA) =	GRADE =	*Grace Mark Awarded

Entered by:

Verified by:

Controller of Examinations

Principal

Permanent Register Number (PRN):

Course Code	Course Title	Credits (C)	Marks						Grade Awarded (G)	Grade Point (GP)	Credit Point (CP)	Institution Average (IA)	Result
			ESA		ISA		Total						
			Awarded	Maximum	Awarded	Maximum	Awarded	Maximum					
SEMESTER I													
SEMESTER II													
SEMESTER III													

SEMESTER IV													
SEMESTER V													
SEMESTER VI													
	End of Statement												

DESCRIPTION OF THE EVALUATION PROCESS

Grade and Grade Point

The evaluation of each course comprises of In-Semester Assessment (ISA) and End-Semester Assessment (ESA) components in the ratio 1:4 for all Courses. Grades and Grade Points are given on a ten (10) point scale based on the percentage of Total Marks (ISA + ESA) as given in Table 1. Decimals are corrected to the nearest whole number.

Credit Point (CP) of a course is calculated using the formula

CP = C × GP

where C is the Credit and GP is the Grade Point.

Credit Point Average (CPA) of a semester/programme is calculated using the formula

CPA = TCP ÷ TC

where TCP is the Total Credit Point and TC is the Total Credit.

CPA shall be rounded off to two decimal places.

Table 1

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

Semester Credit Point Average (SCPA) and Cumulative Credit Point Average (CCPA)

Grades for the different Semesters and overall Programme are given based on the corresponding CPA, as shown in Table 2.

Table 2

CPA	Grade	Performance
9.5 and above	S	Outstanding
8.5 to below 9.5	A+	Excellent
7.5 to below 8.5	A	Very Good
6.5 to below 7.5	B+	Good
5.5 to below 6.5	B	Above Average
4.5 to below 5.5	C	Satisfactory
4.0 to below 4.5	D	Pass
Below 4	F	Failure

For conversion of SCPA into percentage, multiply the secured SCPA by 10.

For conversion of CCPA into percentage multiply the secured CCPA by 10.

Note: A separate minimum of 30% marks is required for a pass for both In-Semester Assessment and End-Semester Assessment in each course. An aggregate minimum of 35% marks is required for a pass in each course. For a pass in a programme, a minimum CPA of 4 is required.

SHORT TERM COURSES

The main objective of the short term courses offered by the college is to supplement the students with various skills and technical know-how outside the structured academic curriculum, to produce quality citizens who are academically proficient, self-reliant and socially committed. The courses have compulsory components and optional components that equip the students to attain various programme objectives envisaged by the Vision and Mission statements of the college.

All Short-Term Courses (STCs) are coordinated by the Department of Short Term Courses, headed by a Director and is supervised by a Vice Principal nominated by the Principal. Each component of the STC is coordinated and managed by a Faculty Convener. The Advisory Board of the Department consists of the Vice-Principals, Director of the Short Term Courses and the various Conveners.

In case of any grievances, students can approach the Grievance Redressal Cell of the STC which consists of the Vice-Principal in Charge, Director and the concerned Convener. If the student feels that the issue was not adequately addressed, he/she can approach the Grievance Redressal Cell of the college. The grading pattern for all courses except the MOOCs will be the same as in the UG regulations 2022. The courses offered by the department are given in the following table.

	Name	Semesters	Type	Credit
1	Value Education	I to VI	Compulsory	3
2	Basic Life Support System and Disaster Management (BLS & DM)	I	Compulsory	1
3	Social Awareness Course (SAC)	I and II	Compulsory	2
4	Skill Development Courses (SDC)	II and III	Compulsory	2
5	Industry Familiarisation Course	IV	Compulsory	2
6	Finishing School	III and IV	Compulsory	1
7	Virtual Lab	V	Optional	1
8	Massive Open Online Courses	I to V	Optional	Variable Credit
9	Inter disciplinary Research	I to V	Optional	3

REGULATIONS FOR SHORT TERM COURSES

VALUE EDUCATION

Value Education is a compulsory extra credit course with three (3) credits for all the students admitted to the undergraduate programmes.

Duration

The duration of the course shall be three academic years (six semesters). There shall be minimum 60 hours spread over three years with 20 hours every academic year.

Evaluation

The evaluation of each course shall contain two parts.

i. Continuous evaluation (every year)
ii. Final evaluation (every year)

There shall be a maximum of 50 marks comprising of forty (40) marks for final evaluation and ten (10) marks for continuous evaluation.

Continuous Evaluation

Component	Marks
Assignment	5
Attendance	5
Total	10

1. **Assignment**
   The students shall submit at least one assignment in every year. The marks for assignment is five (5).
2. **Attendance**
   The minimum requirement of aggregate attendance during a year for appearing the final examination shall be 75%.

Marks for attendance

Maximum of five (5) marks will be given for attendance as follows.

% of Attendance	Marks
90 and above	5
85-89	4
80-84	3
76-79	2
75	1

(Decimals shall be rounded off to the next higher whole number)

Final evaluation

Final evaluation shall be conducted by the course coordinator at the end of every year.

There shall be an annual written examination of one and a half hours (1½) duration with a maximum forty marks (40), every year.

The question paper shall be strictly on the basis of model question paper set by the Expert Committee.

A question paper consists of short answer type, short essay type and long essay type questions.

The total marks of the course (three years combined) shall be one hundred and fifty (150).

Award of certificate

A separate minimum 30% marks each for continuous evaluation and final evaluation and an aggregate minimum of 35% are required for a pass in the course.

If a student does not acquire minimum marks in first and second years, he/she can continue the course.

The student shall be eligible to get certificate only after completing the course with D Grade. On successful completion of the course, the grade awarded will be indicated in the Mark cum Grade Card.

The grading pattern will be the same as in UG Regulations 2022.

The course shall be completed during the tenure of the programme.

BASIC LIFE SUPPORT SYSTEM AND DISASTER MANAGEMENT (BLS & DM)

- The main objective of this course is to provide intensive training on Basic Life Support System and Disaster Management with the help of professional trainers and adequate numbers of mannequins and kits for imparting the training to students.
- This course is compulsory for all the undergraduate students of this college and has one (1) credit.
- The course on BLS & DM shall be conducted by a nodal centre created in the College.
- Each student shall undergo five (5) hours of hands-on training in BLS & DM organised by the Centre for BLS & DM.
- After the completion of the training, the skills acquired shall be evaluated using an offline/online test and grades shall be awarded.
- Nodal Centre for BLS & DM shall conduct an online test and publish the results.
- Students who could not complete the requirements of the BLS & DM training shall appear for the same along with the next batch.
- The grading of the course is as per the grading pattern in UG Regulations 2022.

SOCIAL AWARENESS COURSE (SAC)

- The aim of SAC is to make students aware of the problems that different societies and communities face on a day-to-day basis and to be conscious of the difficulties and hardships of society.
- This is a compulsory course with two (2) credits.
- Social Awareness Course shall be conducted by a nodal centre consisting of the convenor, other faculty members nominated by the Principal.
- The centre shall identify the areas where the students can serve the society through the course.
- During the first semester itself, the centre shall organise activities to sensitize the students about the significance and relevance of Social Awareness and publish a list of different areas where they can work as volunteers.
- The centre shall allot students to various areas based on their preference.
- Students shall carry out the voluntary work allotted to them after the regular class hours/weekends/holidays falling in the first and second semesters and the summer vacation following the second semester.
- Evaluation of the SAC activity shall be based on the hours of work put in by a student. A minimum of 50 hours of social work (corresponding to 50 marks) is required for the successful completion of the course. Every additional work beyond the minimum 50 hours shall fetch five (5) marks per hour. Maximum marks shall be 100.
- Students who donate blood during the first year shall be given 10 marks on production of the certificate from the medical officer. However, marks earned through blood donation shall not be counted for a pass in the course. Mark for blood donation shall be awarded only once during the SAC.
- Two credits shall be awarded to students who complete the requirements of SAC.
- The grading will be as per the grading pattern in the UG Regulations 2022.
- Students who could not complete the requirements of the SAC shall appear for the same with the next batch.
- The Director of Short-Term Courses and Convenor of SAC has the right to exclude students who are physically challenged from SAC, if requested.

SKILL DEVELOPMENT COURSES (SDC)

- This is a compulsory component of STC with two (2) credits.
- SDC's shall be completed within the first four semesters of the programme.
- Depending on the nature of the course, there will be a theory component and a skill development component.
- The credit will be awarded only if the student gets a D grade (35% marks) and above.
- A student can do a maximum of three skill Development Courses according to his/her choice, but pass in at least one course is compulsory.
- The Convenor of SDC will coordinate the course.
- The Head of the Department concerned in consultation with the faculty members may prepare a syllabus for the SDC, which will be approved by the Board of Studies concerned.

Evaluation of SDC

The evaluation the course shall be done internally and contain two parts.

i. Continuous evaluation
ii. Final evaluation

Both continuous evaluation and final evaluation shall be carried out using indirect grading. The marks for continuous evaluation is twenty (20) and that of the final evaluation is eighty (80).

Continuous evaluation

The components of the continuous evaluation and their marks are as below.

For all courses, without practical

There are two components for continuous evaluation, which include attendance and assignment. All the components of the continuous evaluation are mandatory.

Component	Marks
Attendance	5
Assignments	15
Total	**20**

Marks for attendance

Minimum 75% attendance is compulsory for attending the final examination.

% of Attendance	Marks
90 and above	5
85 - 89	4
80 – 84	3
76 – 79	2
75	1

(Decimals shall be rounded mathematically to the nearest whole number)

For all courses with practical

The components for continuous evaluation of courses with practical are given below.

Component	Marks
Attendance	5
Lab/skill work involvement	15
Total	**20**

Assignments

At least one assignment shall be submitted for the course.

Final evaluation

The final evaluation of theory and practical courses shall be conducted by the office of the Controller of Examinations. It can be in the form of 80 marks written examination or 80 marks project/practical examination or 80 marks written and project/practical examination combined, as decided by the Board of Studies concerned.

INDUSTRY FAMILIARIZATION COURSE

- It is a compulsory course with two (2) credits.
- Every UG student shall undergo a compulsory industry familiarization course for a minimum period of five days (25 hours) at a centre identified by the concerned department.
- Head of the Department and the Mentor of the class shall monitor the progress of the course.
- Industry familiarization course shall be carried out preferably during the summer vacation following the fourth semester or during the Christmas vacation falling in the fourth semester or holidays falling in the semester.
- At the end of the stipulated period, each student shall produce a course completion cum attendance certificate and an illustrated report of the training he/she has underwent, duly certified by the supervisor and Head of the institution where the industry familiarization course has been undertaken.
- On receipt of the course completion cum attendance certificate and the report, the Mentor shall prepare a list of students who have completed the course and a list of students who failed to complete the course. The Head of the department shall verify the lists and forward to the Convenor.
- Students who could not complete the requirements of the course shall appear for the same along with the next batch.
- Grade will be awarded as per the grading pattern in UG Regulations 2022.

FINISHING SCHOOL

- It is a compulsory course with one (1) credit.
- The course provides compulsory training for all under graduate students of this college.
- The training is to help students develop their soft skills and interview skills.
- The training shall impart soft skills comprising of language skills, personal presentation and grooming, table manners, resume preparation, group discussion techniques, and interview skills among the undergraduate students.
- This course shall be conducted during the third and fourth semesters for all the undergraduate students.
- There will be a total of 20 contact hours which shall be handled by a team of professional members/faculty. In addition, a one-day outbound training session by a team of professional trainers that touches on the aspects of creativity, problem solving and team building shall also be organized.
- The students shall be assessed on the basis of the components given below.

Component	Marks
Attendance	5
Aptitude Test	10
Assignments	10
Group discussion	10
Interview	15
Total	**50**

Marks for attendance

Maximum of five (5) marks will be given for attendance as follows.

% of Attendance	Marks
90 and above	5
85-89	4
80-84	3
76-79	2
75	1

(Decimals shall be rounded off to the next higher whole number)

Grades will be awarded as per grading pattern in UG Regulations 2022.

VIRTUAL LAB EXPERIMENTS

- This is an optional course with one (1) credit.
- The main aim of the Virtual Lab Experiments is to provide remote-access to simulation-based Labs in various disciplines of Sciences which enthuse students to conduct experiments by arousing their curiosity.
- The Convenor will coordinate the Virtual Lab component and he may use the services available in different virtual lab platforms after the approval of the advisory body.
- Students have to do at least 36 hours of experiments and they get a maximum of one credit for this.
- Convenor and the mentor of the student shall oversee the progress and assign grades as per the grading pattern in UG Regulations 2022 after the completion of the programme.

MASSIVE OPEN ONLINE COURSE (MOOC)

- MOOCs are an integral part of today's education.
- Those students who participate in MOOC courses conducted by the Government (SWAYAM) and other reputed agencies earn additional credits on production of course certificates.
- The students shall approach the Convener of the component to verify whether the agency is approved or not before registering for such courses and claiming credits.
- SB College Local Chapter of SWAYAM/NPTEL may be consulted for assistance.
- A student can take maximum of 5 courses during Semester I to Semester V of their UG programme.
- The selected course need not be in the same discipline of the study of the student.
- This is an optional course with variable credits for each course.
- Number of credits awarded to each course depends on the duration of the course.
- A course of 4 to 6 weeks or 18 hours fetch one (1) credit, 6 - 10 weeks; two (2) credits and more than 10 weeks, three (3) credits.
- In case of any dispute, students may approach the Grievance Redressal Cell of the STC.

INTERDISCIPLINARY RESEARCH

- To enhance the research aptitude of students, College offers a platform to conduct interdisciplinary research for its UG students with the help of the Centre of Interdisciplinary Research (CIDR).
- First year UG students interested in interdisciplinary research may approach the Convener of this component.
- He will find a supervisor from the home department and a co-supervisor from another discipline/department.
- Students will be given training in basic research methodology with the help of lectures/MOOCs/tutorials after which the student may select a research problem under the supervision of the supervisor and co-supervisor.
- Students are expected to finish their research before the beginning of the sixth semester.
- After that, they shall write their project report, communicate the research findings to UGC approved journals, and submit the report to the Convenor in the prescribed format, who will arrange the oral/poster presentation of the findings and evaluate the thesis with the help of a Board of Examiners approved by the Director of the STC and will be graded.
- On successful completion of all the procedures, students will be awarded three credits.
- The same project report may not be used as such for the final year project work of the student.
- This is an optional course with three (3) credits.

PROGRAMME OUTCOMES

PO1: Develop in-depth conceptual knowledge in the discipline for vertical growth and scholarly pursuits

PO2: Identify historical, theoretical, scientific, technological, economic philosophical, cultural, aesthetic and ethical bases of different disciplines and relate them effectively

PO3: Demonstrate problem solving skills, effective communication, interpersonal dynamics and resilience in global and local contexts

PO4: Transfer the knowledge of methods, skills, tools and systems of different disciplines for a sustainable and egalitarian world order

PO5: Generate need based innovative processes and products for personal and societal well-being

PROGRAMME SPECIFIC OUTCOMES

PSO1: Develop core competencies in Economics and allied disciplines in Humanities and Social Sciences

PSO2: Apply economic analysis to real-world situations and evaluate historical & current events and different policy responses.

PSO3: Evaluate an economic argument using mathematical and statistical methods.

PSO4: Develop research capabilities and communicate effectively in written, oral, and graphical forms about specific economic issues to promote the development of independent viewpoints.

PSO5: Critique alternative positions to economic arguments and evaluate their application of economic principles and soundness of their use to make a reasoned judgment about economic perspectives and implications of the phenomena

PROGRAMME STRUCTURE

Semester I

Sl. No.	Course Title	Hours/ Week	Credit	Marks
1	Common Course I	5	4	100
2	Common Course I	4	3	100
3	Common Course II	4	4	100
4	Core Course	6	4	100
5	Complementary Course: History/Sociology	6	4	100
	Total	**25**	**19**	**500**

Semester II

Sl. No.	Course	Hours/ Week	Credit	Marks
1	Common Course I	5	4	100
2	Common Course I	4	3	100
3	Common Course II	4	4	100
4	Core Course	6	5	100
5	Complementary Course: History/Sociology	6	4	100
	Total	**25**	**20**	**500**

Semester III

Sl. No.	Course	Hours/ Week	Credit	Marks
1	Common Course I	5	4	100
2	Common Course II	5	4	100
3	Core Course	5	4	100
4	Core Course	4	4	100
5	Complementary Course: Political Science	6	4	100
	Total	**25**	**20**	**500**

Semester IV

Sl. No.	Course	Hours/ Week	Credit	Marks
1	Common Course I	5	4	100
2	Common Course II	5	4	100
3	Core Course	5	4	100
4	Core Course	4	4	100
5	Complementary Course: Political Science	6	4	100
	Total	**25**	**20**	**500**

Semester V

Sl. No.	Course	Hours/ Week	Credit	Marks
1	Core Course	6	4	100
2	Core Course	6	5	100
3	Core Course	5	4	100
4	Core Course	5	4	100
5	Open Course	3	3	100
	Total	**25**	**20**	**500**

Semester VI

Sl. No.	Course	Hours/ Week	Credit	Marks
1	Core Course	6	4	100
2	Core Course	5	4	100
3	Core Course	5	4	100
4	Core Course	5	4	100
5	Choice Based Core Course	4	3	100
6	Project	-	2	100
	Total	**25**	**21**	**600**
	Grand Total		**120**	**3100**

OUTLINE OF CORE COURSES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CBEC101	Mathematical Economics	6	108	4	20	80	100
Semester II							
CBEC202	Microeconomics - I	6	108	5	20	80	100
Semester III							
CBEC303	Microeconomics - II	5	90	4	20	80	100
CBEC304	History of Economic Thought	4	72	4	20	80	100
Semester IV							
CBEC405	Macroeconomics - I	5	90	4	20	80	100
CBEC406	Environmental Economics	4	72	4	20	80	100
Semester V							
CBEC507	Basic Tools for Economic Analysis - I	6	108	4	20	80	100
CBEC508	Indian Economy	6	108	5	20	80	100
CBEC509	Macroeconomics - II	5	90	4	20	80	100
CBEC510	Economics of Growth and Development	5	90	4	20	80	100
Semester VI							
CBEC611	Basic Tools for Economic Analysis - II	6	108	4	20	80	100
CBEC612	International Economics	5	90	4	20	80	100
CBEC613	Financial Institutions and Markets	5	90	4	20	80	100
CBEC614	Basic Econometrics	5	90	4	20	80	100
CBEC6PJ	Project	-	-	2	20	80	100

CHOICE BASED CORE COURSES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
CBEC6E01	Public Economics	4	72	3	20	80	100
CBEC6E02	Financial Economics	4	72	3	20	80	100
CBEC6E03	Marketing Management	4	72	3	20	80	100

OUTLINE OF COMPLEMENTARY COURSES IN HISTORY FOR BA ECONOMICS PROGRAMME

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CDHS101	Making of Indian Nation	6	108	4	20	80	100
Semester II							
CDHS202	Transition to the Contemporary World	6	108	4	20	80	100

OUTLINE OF COMPLEMENTARY COURSES IN SOCIOLOGY FOR BA ECONOMICS PROGRAMME

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CDSO101	Foundations of Sociology	6	108	4	20	80	100
Semester II							
CDSO202	Foundations of Indian Sociology	6	108	4	20	80	100

OUTLINE OF COMPLEMENTARY COURSES IN POLITICAL SCIENCE FOR BA ECONOMICS PROGRAMME

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester III							
CDPS301	Principles of Political Science	6	108	4	20	80	100
Semester IV							
CDPS402	Indian Government and Political Process	6	108	4	20	80	100

OUTLINE OF COMMON COURSES IN ENGLISH FOR MODEL I BA/BSc PROGRAMMES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CCEN101	Reading Literature in English - I: Poetry and Drama	5	90	4	20	80	100
CCEN102	Writings on Contemporary Issues	4	72	3	20	80	100
Semester II							
CCEN203	Writing Skills	5	90	4	20	80	100
CCEN204	Reading Literature in English - II: Short Stories and Novel	4	72	3	20	80	100
Semester III							
CCEN305	Life and Literature	5	90	4	20	80	100
Semester IV							
CCEN406	English for Developing Job Skills	5	90	4	20	80	100

OUTLINE OF COMMON COURSES IN MALAYALAM FOR MODEL I BA/BSc PROGRAMMES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CCMB101	ചെറുകഥാസാഹിത്യം	4	72	4	20	80	100
Semester II							
CCMB202	കവിതാസാഹിത്യം	4	72	4	20	80	100
Semester III							
CCMB303	ദൃശ്യകലാസാഹിത്യം	5	90	4	20	80	100
Semester IV							
CCMB404	ഗദ്യസാഹിത്യം	5	90	4	20	80	100

OUTLINE OF COMMON COURSES IN HINDI FOR MODEL I BA/BSc PROGRAMMES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CCHB101	Prose and One-Act Plays	4	72	4	20	80	100
Semester II							
CCHB202	Short Stories and Novel	4	72	4	20	80	100
Semester III							
CCHB303	Poetry, Grammar and Translation	5	90	4	20	80	100
Semester IV							
CCHB404	Drama and Long Poem	5	90	4	20	80	100

OUTLINE OF COMMON COURSES IN SYRIAC FOR MODEL I BA/BSc PROGRAMMES

Course Code	Course Title	Hours /Week	Total Hours	Credit	ISA	ESA	Total
Semester I							
CCSB101	Poetry, Grammar & History of Syriac Language & Literature	4	72	4	20	80	100
Semester II							
CCSB202	Hymnody, Grammar & History of Syriac Language and Literature	4	72	4	20	80	100
Semester III							
CCSB303	Prose, Grammar & History of Syrian Church in India	5	90	4	20	80	100
Semester IV							
CCSB404	Prose, Grammar & Syriac Heritage of Kerala	5	90	4	20	80	100

SKILL DEVELOPMENT COURSES

Course Code	Course Title	Total Hours	Credit	CE	FE	Total
CECSDC01	Financial Journalism	36	2	20	80	100
CECSDC02	Women and Law	36	2	20	80	100

SEMESTER I

CBEC101: MATHEMATICAL ECONOMICS

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Develop an understanding of the concepts of Sets, Relations and functions, use them to comprehend further subject matters in mathematics and economics

CO2: Examine and analyse (mathematically and graphically) various functions in Economics

CO3: Restate the idea of differential of a function and explain the theorems and its physical interpretation

CO4: Apply the concepts in differential calculus in the field of economics and make rigorous analysis of further studies in all branches of economics

CO5: Outline the rules of calculating integration and apply integration in Economic studies and use them for economic analysis

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Analysis	2	2	2	2	-	2	2	2	2	-
CO2	Apply	2	2	2	2	-		2	2	2	-
CO3	Apply	2	2	-	2	-	2	2	2	2	-
CO4	Apply	2	2	2	-	-	-	2	2	2	-
CO5	Apply	2	2	-	2	-	2	2	2	2	-
	Average	**2**	**2**	**2**	**2**	**-**	**2**	**2**	**2**	**2**	

Module 1: Mathematical Preliminaries - Introduction to Set Theory (25 Hours)

Set operations- Venn diagram-Cartesian product of two sets- Relations-functions- Domain and Range- Linear function- functional form, Graph- Quadratic functions -solutions- Cubical Functions-Slope of Curvilinear function- Homogeneous functions

Introduction to logarithms-meaning-common log and natural log-rules of logarithms--finding out logarithms and anti-logarithms Logarithmic functions and exponential functions (general form and graphs only)

Module 2: Economic Functions (22 Hours)

Demand function, Inverse demand function -Supply function - Utility function, Consumption function, Production function, Cost function, Revenue function, Profit function, - Savings function, Investment function. - Construction of tables and graphs Budget line- identifying slope and intercept -Constant elastic demand function- Cobb Douglas production function

Homogeneous functions and non-homogeneous functions -Checking homogeneity of CD production function

Equilibrium price determination when demand and supply functions are given-equilibrium income determination in a two-sector model.

Module 3: Introduction to Differential Calculus (25 Hours)

Limit and continuity Derivative-Rules of Differentiation-problems (Trigonometric functions not needed). Differentiation of function of a function - chain rule - Derivative of Logarithmic and Exponential Functions. Higher Order Derivatives - Increasing and decreasing functions-Maxima and Minima of Functions with one independent variable.

Partial and Total differentiation (two independent variable cases)-Maxima and Minima of functions two Independent variable cases

Module 4: Applications of Differential Calculus in Economics (20 Hours)

Marginal utility, Marginal product, Marginal Cost, Marginal Revenue, -Finding out marginal functions from total functions

Elasticity of demand, Price elasticity, Income elasticity, Cross elasticity- Marginal propensity to Consume, Marginal propensity to save-Optimising economic functions -utility function and cost function and profit functions

Module 5: Integration and its Economic Applications (16 Hours)

Introduction to integration-meaning-power rule in integration (simple problems)-Integration by substitution -definite integral-area under the curve -Economic applications of integration – finding out total functions once marginal functions are given

Textbooks

1. Edward T Dowling, Introduction to Mathematical Economics (third edition)-Shaum's outlines
2. Akihito Asanon, An introduction to Mathematics for Economics, Cambridge University Press, 2013
3. Chiang A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, 2005

Reference

1. Taro Yamane, Mathematics for Economists an elementary survey (second edition), Prentice-Hall of India Private Limited, New Delhi
2. Michel Hoy, John Livernois, Ray Rees, Mathematics for economics (Third Edition), MIT Press, Cambridge

Course designed by: Richie Dilip Kurian

SEMESTER II

CBEC202: MICROECONOMICS – I

Credit: 5 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Describe the fields of microeconomics and macroeconomics and their basic methodology

CO2: Explain the basic themes and concepts of microeconomics.

CO3: Explain the fundamentals of demand/supply models and apply these models in the context of resource allocation and market efficiency.

CO4: Explain the consumer equilibrium using the cardinal utility, ordinal utility and revealed preference approaches.

CO5: Explain the fundamentals of short-run and long-run production functions and interpret producer's equilibrium using the isoquant-iso-cost line approach

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	-	-	1	-	-	-	-
CO2	Understand	2	-	-	-	-	2	-	-	-	-
CO3	Apply	2	2	-	-	-	2	2	-	-	-
CO4	Apply	2	2	-	-	-	2	2	-	-	-
CO5	Understand	2	-	-	-	-	2	-	-	-	-
	Average	**1.80**	**2**	**-**	-	**-**	**1.80**	**2**	**-**	**-**	**-**

Module 1: Methodology of Economics (15 Hours)

Nature and scope of economics: Wants, scarcity, competing ends and choice. Defining Economics. Basic economic questions, Microeconomics and Macroeconomics. Methods of formulating economic theories - deductive and inductive methods. Formulation and verification of economic theories – static, comparative static and dynamic methods of analysis. - Equilibrium analysis-partial and general.

Module 2: Micro Economics: Basic Concepts (5 Hours)

Themes of Microeconomics: Trade-offs-prices and markets -theories and models- positive versus normative analysis. Opportunity cost, efficiency and equity, market mechanism, externality, market failure, production possibility frontier.

Module 3: Micro Economics: Demand, Supply and Equilibrium Analysis (30 Hours)

Demand - the demand curve and the demand function. Supply- the supply curve and the supply function. Effects of government import policies on supply curves. Market equilibrium-

shocking the equilibrium - effects of a shift in the demand curve - effects of a shift in the supply curve. Equilibrium effects of government interventions. Demand and supply applications: How shapes of supply and demand curves matter. The price system: Rationing and allocating resources. Supply and demand analysis: Tariffs (Tax). Supply and demand and market efficiency - consumer surplus - producer surplus and market efficiency. Demand/supply elasticities and their applications - what happens when we raise taxes: using elasticity. Dynamic demand and supply model: Cobweb model.

Module 4: Theory of Consumer Behavior (38 Hours)

Consumer preference and choice – utility: cardinal and ordinal. Analysis of consumer behaviour - law of diminishing marginal utility – consumer equilibrium under cardinal utility analysis. Water – diamond paradox. Ordinal utility analysis – indifference curves– properties –budget constraint- consumer equilibrium. Decomposition of price effect into income and substitution effects: Hicksian and Slutsky approaches -criticisms of ordinal utility approach. Application of the ordinal utility analysis: Deriving demand curves - indifference curves and a rotating budget line- price-consumption curve. How changes in income shift demand curves. Effects of a rise in income – income consumption curve- Engel curve- Giffen Goods. Behaviourist approach - Revealed preference theorem of Samuelson – distinction between weak and strong ordering-derivation of demand curve.

Module 5: Theory of Production (20 Hours)

Production – production function – total, average and marginal product –short run production function – returns to a factor - law of variable proportions. Production function with two variable inputs – Isoquants – properties – ridge lines-Isocost line. Production decision - optimal input combination – producer's equilibrium – expansion path. Long run production function – returns to scale - economies and diseconomies of scale – internal and external economies – elasticity of substitution. Empirical production functions: Cobb-Douglas and CES.

Textbooks

1. Jeffrey M. Perloff, Microeconomics, Seventh Edition, Pearson, 2014.
2. Karl E. Case, Ray C. Fair, Sharon M. Oster, Principles of Microeconomics, Thirteenth Edition, Pearson, 2019.
3. Robert S. Pindyck, and Daniel L Rubinfeld, Microeconomics, Eight Edition, Pearson. 2012.
4. A Koutsoyannis, Modern Microeconomics, Second Edition, Macmillan Education, 1979.

Reference

1. Paul A. Samuelson and William D. Nordhaus, Economics, Nineteenth Edition, McGraw-Hill, 2010.
2. N. Gregory Mankiw, Principles of Microeconomics, Sixth Edition, South-Western, Cengage Learning, 2012.
3. Hal R. Varian, Intermediate Microeconomics: A Modern Approach, Ninth Edition, W. W. Norton & Company, 2014.
4. Dominick Salvatore, Microeconomics, Fourth Edition, Schaum's Outline Series, McGraw-Hill, 2006.
5. Dominick Salvatore, Principles of Microeconomics, Fifth Edition, Oxford University Press, 2009.

Course designed by: Dr Shinu Varkey

SEMESTER III

CBEC303: MICROECONOMICS - II

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course the students will be able to

CO1: Describe, graph and demonstrate the relationship between the major components of short-run and long run costs of a firm using traditional and modern microeconomic theory.

CO2: Explain the fundamentals of a perfectly competitive market structure and imperfect competition under monopoly, oligopoly and monopolistic competition and demonstrate the short-run and long-run equilibrium of a firm/industry under these market forms.

CO3: Explain the distribution of national income among the owners of different factors of production and demonstrate the determination of factor pricing in perfectly competitive and imperfectly competitive markets.

CO4: Evaluate the theories of rent, interest and profit under classical, neo-classical and Keynesian schools of economics.

CO5: Explain the subject matter of welfare economics and interpret various criteria of social welfare

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	-	-	1	-	-	-	-
CO2	Understand	2	-	-	-	-	2	-	-	-	-
CO3	Apply	2	2	-	-	-	2	2	-	-	-
CO4	Apply	2	2	-	-	-	2	2	-	-	-
CO5	Understand	2	-	-	-	-	2	-	-	-	-
	Average	**1.80**	**2**	**-**	**-**	**-**	**1.80**	**2**	**-**	**-**	**-**

Module 1: Theory of Costs **(20 Hours)**

The traditional theory of cost: Short-run costs - fixed cost – variable cost – total cost – average costs- marginal cost. U shape of the average cost curve -reasons – The relationship between ATC, AVC and MC. The traditional theory of cost: long-run costs: The 'Envelope Curve'. Modern theory of costs - short-run costs- average variable costs (AVC) and average fixed costs (AFC) - The Saucer Shaped Curve- Long-run costs: The 'L-Shaped' scale curve.

Module 2: Market Structure and Game Theory (30 Hours)

Market – structure – perfect competition - characteristics – AR-MR relationships-– short run equilibrium of a firm and industry–TR-TC and MC-MR approaches – derivation of supply curve - shutdown point – breakeven point -long run equilibrium of a firm and industry. Imperfect market – monopoly – features –short run and long run equilibrium – discriminating monopoly - types and degrees– bilateral monopoly – monopsony. Monopolistic competition – non-price competition and selling costs - short run and long run (group) equilibrium. Oligopoly – Nature of oligopoly – Duopoly – the kinked demand model: Sweezy's Non-collusive Stable Equilibrium - collusive oligopoly – cartels and price leadership. Game theory and competitive strategy: Zero-sum game, non-zero-sum game, prisoner's dilemma and Nash equilibrium.

Module 3: Factor Pricing and Distribution (25 Hours)

Functional versus personal distribution - concepts of value-of-marginal-product (VMP) and marginal revenue product (MRP). Marginal productivity theory of distribution – factor price determination in a perfectly competitive market and imperfect competition. Theories on rent: Ricardian and modern theories of rent - quasi-rent – money and real wages - wage differentials. Theories of interest – classical, neo-classical and Keynesian theories of interest. Theories of profit- dynamic theory, risk bearing theory – innovation theory of profit.

Module 4: Welfare Economics (15 Hours)

Subject matter of welfare economics - Criteria of social welfare: GNP as a criterion of welfare. Bentham's criterion – Cardinalist criterion. Kaldor and Hicks compensation criterion. Edgeworth Box diagram – contract curve - Pareto optimality criterion.

Textbook

1. A Koutsoyannis, Modern Microeconomics, Second Edition, Macmillan Education, 1979.
2. Jeffrey M. Perloff, Microeconomics, Seventh Edition, Pearson, 2014.
3. Karl E. Case, Ray C. Fair, Sharon M. Oster, Principles of Microeconomics, Thirteenth Edition, Pearson, 2019.
4. Robert S. Pindyck, and Daniel L Rubinfeld, Microeconomics, Eight Edition, Pearson. 2012.

Reference

1. Paul A. Samuelson and William D. Nordhaus, Economics, Nineteenth Edition, McGraw-Hill, 2010.
2. N. Gregory Mankiw, Principles of Microeconomics, Sixth Edition, South-Western, Cengage Learning, 2012.

3. Hal R. Varian, Intermediate Microeconomics: A Modern Approach, Ninth Edition, W. W. Norton & Company, 2014.
4. Dominick Salvatore, Microeconomics, Fourth Edition, Schaum's Outline Series, McGraw-Hill, 2006.
5. Dominick Salvatore, Principles of Microeconomics, Fifth Edition, Oxford University Press, 2009.

Course designed by: Dr Shinu Varkey

CBEC304: HISTORY OF ECONOMIC THOUGHT

Credit: 4 **Total Hours: 72**

Course Outcomes

At the end of the course the students will be able to

CO1: Illustrate a chronological understanding of the development ancient and medieval economic thoughts

CO2: Explain the contribution of Classical Thinkers Adam Smith, Ricardo, J B Say, Malthus and Jeremy Bentham and Describe the idea of capitalism and examine the capitalistic views of Classical Thinkers

CO3: Illustrate the relevance of Marxian philosophy in the studies of economics and development and explain the contributions of Karl Marx, Engels and Lenin in the field of economics

CO4: Discuss the economic ideas of Gossen, Jevons, Menger and Walras and explain the concept of Marginalist Revolution and explain the contributions of Neo-Classical thinkers Veblen, Marshall and Pigou

CO5: Critically Analyse the Economic ideas of Keynes and compare the major global historical events with the evolution of different schools of Economic thought

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	1	-	1	1	1	2	-	1	-
CO2	Understand	2	1	-	1	1	1	2	-	1	-
CO3	Apply	2	1	-	1	1	1	2	-	1	-
CO4	Apply	2	1	-	1	1	1	2	-	1	-
CO5	Understand	2	1	-	1	1	1	2	-	1	-
	Average	**2**	**1**	**-**	**1**	**1**	**1**	**2**	**-**	**1**	**-**

Module 1: Ancient and Medieval Economic Thought (12 Hours)

Hebrew, Greek and Roman economic thought –scholasticism (St. Thomas Aquinas) Main economic ideas of Mercantilism and Physiocracy - The economic ideas of Kautilya

Module 2: Classical Economic Thought Early Classical School (18 Hours)

Adam Smith: naturalism and optimism – division of labour – theory of value and distribution-theory of leissez-faire – capital accumulation and development; Ricardo: Theory of value and distribution– theory of rent, wages and profits – international trade – classical stationary state; Malthus: Theory of population – theory of market gluts; J.B. Say: Law of markets; Jeremy Bentham: utilitarianism

Module 3: Transition from Capitalistic to Socialistic view of Economic Thoughts

(16 Hours)

Development of the Idea of capitalism- Classical Economic thoughts and capitalism – Imperialism. Evolution of Idea of socialism - Early socialists - Karl Marx: dialectical materialism and materialistic interpretation of history – theory of surplus value theory of capitalist crisis; Friedrich Engels – Lenin: Socialism types- Fabian Socialism, Democratic Socialism, Utopian Socialism

Module 4: Marginalism, Institutionalism and Neo-classical Economic Thought

(13 Hours)

Marginalist Revolution – contributions of Gossen, Jevons, Walras and Menger. Institutionalism: Veblen – theory of leisure class. Neo-classical school: contributions of Marshall and Pigou

Module 5: Keynes and Post Keynesian Schools of Economic Thought (13 Hours)

Keynes as a critique of classical economics –Great depression- economic ideas of Keynes Post-Keynesian developments- Philips curve- stagflation-development of the idea of Monetarism – New Classical School – New Keynesian -Behavioural economics. (details are not expected)

Textbooks

1. Bhatia, History of Economic Thought, Vikas Publications, New Delhi, 2006
2. History of Economic Thought, 18th Edition-T.N. Hajela-Ane Books, 2015
3. AK Das Gupta – A History of Indian Economic Thought- Routledge; 1 edition (5 August 1993)

Reference

1. Eric Roll, A History of Economic Thought, Oxford University Press, New Delhi, 1975
2. Blaug M., Economic Theory in Retrospect, Cambridge University Press, 2004
3. Ingrid H. Rima, Development of Economic Analysis, Routledge, 2009
4. Kautilya, The Arthashastra, Penguin Books, Delhi.
5. Louise Haney - History of economic Thought – Surjith publication New Delhi
6. Hajela T.N., History of Economic Thought, Ane Books India, New Delhi,2008
7. Brue SL and RR Grant – The evolution of Economic thought
8. Scrapanti E and S Zamagiri An Outline of the Economic thought, OUP New Delhi, 2005
9. Schumpeter, Joseph, History of Economic Analysis, OUP, 1954

10. Nick Wilkinson & Matthias Klaes-Introduction to Behavioral Economics-Palgrave publication-3rd ed. 2018 Edition
11. Richard H. Thaler, Cass R. Sunstein -Nudge: Improving Decisions About Health, Wealth, and Happiness - Penguin Books, 2009

Course designed by: Richie Dilip Kurian

SEMESTER IV

CBEC405: MACROECONOMICS – I

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course, the students will be able to

CO1: Demonstrate sound knowledge of macroeconomic concepts, issues and variables.

CO2: Apply the knowledge of national income accounting and employ the appropriate method for calculating national income.

CO3: Analyze main postulates of classical macroeconomics and Keynes General Theory and describe how the levels of output, employment, interest and the price level are determined in the classical and Keynesian models.

CO4: Draw and interpret Keynesian spending models and analyze the multiplier effect of change in exogenous spending.

CO5: Evaluate the relevance of the IS-LM and AD-AS model.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	2	-	-	-	1	-	-	-	-
CO2	Understand	-	2	2	-	-	-	2	1	-	-
CO3	Apply	2	-	-	-	2	1	2	-	-	-
CO4	Apply	-	2	2	2	-	1	-	-	1	-
CO5	Understand	1	-	2	-	2	1	1	-	-	-
	Average	**1.33**	**2**	**2**	**2**	**2**	**1**	**1.66**	**1**	**1**	**-**

Module 1: Introduction to Macroeconomics and National Income Accounting (20 Hours)

The science of macroeconomics- main issues studied in macroeconomics- macroeconomic variables - stock and flow- endogenous and exogenous- independent and dependent- macro models -macro statics and macro dynamics.

The circular flow of economic activity in a two-sector economy- basic concepts of national income accounting- concepts of GDP, GNP, NNP, and NDP at market price and factor cost- real versus nominal GDP- GNP deflector- the output gap.

Approaches to national income accounting: the production, income and expenditure approach- problems of national income accounting- environmental concerns in national accounts- national income accounting and cost of living - the basic idea of India‘s national income - recent changes in CSO methodology.

Module 2: The Classical Macroeconomics (25 hours)

Classical revolution- main postulates of classical macroeconomics- identities versus theories- Say's law of markets- aggregate production function- labour market analysis -Classical theory of equilibrium output and employment- full Employment and wage-price flexibility; classical dichotomy and neutrality of money.

The quantity theory of money- cash transactions and cash balances approach- loanable fund theory- policy implications of the classical equilibrium model- Keynes criticism of the classical theory.

Conceptual controversies: Pigou effect, Keynes effect and real balance effect.

Module 3: The Keynesian Macroeconomics (30 hours)

Keynesian revolution –main postulates of the General Theory- the principle of effective demand- components of aggregate demand- Keynesian consumption function- psychological law of consumption- the Keynesian savings function- graphical and mathematical illustrations of APC, MPC, APS, MPS-factors determining consumption.

The Simple Keynesian Model (SKM) in a closed economy without Government- determination of equilibrium income in SKM- stability of equilibrium - the concept of demand-determined output.

The effects of changes in autonomous investment on income- simple Keynesian multiplier - static and dynamic multiplier- the paradox of thrift

The SKM in a closed economy with government -government expenditure and tax- the government expenditure multiplier and the tax rate multiplier- the balanced budget multiplier

Four sectors Keynesian cross model-foreign trade multiplier.

Module 4: The IS-LM and AD-AS Model (15 hours)

The concept of Keynesian liquidity preference schedule-speculative demand for money and liquidity trap.

Two sector IS-LM model of income determination- derivation of IS and LM curves- simultaneous equilibrium in the goods and money markets- crowding-out effects.

Derivation of the aggregate demand curve – aggregate supply curve- short-run and long-run equilibrium in the AD-AS model of output and price level determination- Keynesian versus the classical system.

Textbooks

1. N. Gregory Mankiw Macroeconomics, Worth Publications, New York 2018
2. Richard T. Froyen, Macroeconomics - Theories and Policies, Pearson Education.2013

3. R. Dornbusch, S Fisher and R. Startz (2018), Macro Economics: Tata McGraw Hill Education
4. Gardner Ackley Macroeconomics: Theory and Policy: Macmillan.1978

Reference

1. Andrew B. Abel, Ben S. Bernanke and Dean Croushore, Macro Economics, Pearson Education Limited, Global Edition 2017
2. Eugene Diulio, Theory and Problems of Macroeconomics – Schaum's Outline Series, Tata McGraw Hill, New York.1998
3. Rosalind Levacic and Alexander Rebmann Macroeconomics: An Introduction to Keynesian-Neoclassical Controversies, Macmillan, Reprinted.2007
4. Christopher T.S. Ragan and Richard G. Lipsey Economics, Pearson USA,2011
5. Shapiro, Edward, Macroeconomic Analysis, Galgotia Publications,1982
6. Sampat Mukerjee, Analytical Macroeconomics: From Keynes to Mankiw, New Central Book Agency, Calcutta.2008
7. B. Snowdon Howard R. Vane A modern guide to Macroeconomics, Edward Elgar, USA.2005
8. David Cobham (1987) Macroeconomic Analysis an Intermediate text, Longman, Economics Series, London.
9. Gardner Ackley Macroeconomics: Theory and Policy: Macmillan.1978
10. Paul Krugman and Robin Wells Macroeconomics, by Worth Publishers, USA 2015
11. Ghosh Chandana and Ghosh Ambar Indian Economy: A Macro-Theoretic Analysis, PHI Learning Pvt Ltd.2016
12. Soumyen Sikdar, Principles of Macroeconomics, Oxford University Press.
13. Economic Survey, Government of India, various issues.202-

Course designed by: Dr Anila Skariah

CBEC406: ENVIRONMENTAL ECONOMICS

Credit: 4 **Total Hours: 72**

Course Outcomes

At the end of the course, the students will be able to

CO1: Describe the concepts of environmental economics and critique the alternative theories and perspectives on the environment.

CO2: Evaluate the trade-offs between economic activity and environmental quality and analyze the concept of sustainability.

CO3: Compare and contrast environmental valuation techniques and suggest appropriate policy instruments to address environmental concerns.

CO4: Prioritize the need for inclusion of the environment in national accounting.

CO5: Evaluate global and local environmental issues in the framework of environmental economics and take individual action for the protection of the environment.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	2	-	-	1	1	-	-	-	-
CO2	Understand	1	2	-	-	2	-	2	-	1	-
CO3	Apply	1	-	-	-	2	1	-	-	1	-
CO4	Apply	2	1	-	-	1	1	-	-	1	-
CO5	Understand	11	2	-	-	2	1	-	-	1	-
	Average	**1.2**	**1.75**	**-**	**-**	**1.6**	**1**	**2**	**-**	1	-

Module 1: Environmental Economics: Concepts, Theories and Perspectives (12 hours)

Environmental economics scope and nature - the difference between environmental economics and ecological economics.

The natural environment and the human economy interaction -the neoclassical economics perspective -ecological interdependency and its implications- the material balance perspective- the laws of transformation of matter-energy and its implications.

Changing perspectives on the environment.

Module 2: Environment and Development (30 hours)

Environmental problems – a historical overview-(21st Century)

The trade-offs between economic activity and environmental quality-ecological and technological determinants of trade-off.

Market failure- market failure due to externalities, public good, incomplete property rights, asymmetric information, monopoly power, government failure.

Pollution as an externality- the optimal level of pollution.

Common property resources- non-exclusion and the commons- the tragedy of commons- property rights and the Coase theorem- Environmental Kuznet's curve.

The economics of sustainable development- features of Brundtland development paradigm normative principles of sustainable development – intergenerational and intra-generational equity- the trade-off between intergenerational efficiency and equity- weak and strong sustainability

Alternative conceptual approaches to sustainable development- Hartwick Solow approach - ecological economics approach -safe minimum standard approach (SMS)

Module 3: Environmental Valuation and Policy instruments (15 hours)

Types of economic values- use-values, nonuse value, option value, bequest value, existence value- concepts of willingness to pay (WTP) and willingness to accept compensation (WTAC)

Valuation techniques - market valuation-cost of illness method- replacement cost methods revealed preference methods- travel cost models -hedonic pricing- defensive expenditures approach- stated preference methods - contingent valuation (CV)

Policy instruments: command and control–market-based – taxes, tradable permits and bargains

Environmental accounting- System of Environmental-Economic Accounting (SEEA)- green GDP-adjusted net saving (ANS)- genuine progress indicator (GPI) environment impact assessment

Module 4: Global, National and Local Environmental Issues (15 hours)

Global warming and climate change-ozone layer depletion- greenhouse effect- acid rain- tropical deforestation- carbon trading- carbon credit- nuclear accidents and nuclear holocaust- sand mining- wetland deterioration- landscape changes- soil erosion- flood and drought- desertification- biodiversity loss- overexploitation of resources.

Case studies- global, national and local issues.

Role of energy in economic systems- current and future energy demands- policies for a great energy transition.

Global climate change policy- the need for coordinated international action.

Textbooks

1. Turner, R Kerry, D W Pearce, and I J Bateman (1994) Environmental Economics: An Elementary Introduction. New York: Harvester Wheatsheaf.
2. Hussen, Ahmed. (2018) Principles of Environmental Economics and Sustainability An Integrated Economic and Ecological Approach. London: Routledge.
3. Hanley, Nick, Jason Shogren, and Ben White (2007) Environmental Economics in Theory and Practise. Macmillan International Higher Education.

4. Harris, Jonathan M., and Brian Roach (2017) Environmental and Natural Resource Economics: A Contemporary Approach. London: Routledge.
5. Roger Perman, Yue Ma, Michael Common, David Maddison, James Mcgilvray (2011) Natural Resource and Environmental Economics Addison- Wesley.

Reference

1. Common, Michael, and Sigrid Stagl (2005) Ecological Economics. Cambridge University Press.
2. Kolstad, Charles D (2000) Environmental Economics. New York: Oxford University Press.
3. Smith, Stephen (2011) Environmental Economics: A Very Short Introduction. London: Oxford University Press.
4. Baker, S. (2006) Sustainable Development. Routledge.
5. Anderson, D. A (2010). Environmental Economics and Natural Resource Management. Routledge
6. WCED (1987) Report of the World Commission on Environment and Development. UN

Research Articles

1. Hartwick, J. M., Hartwick, & John. (1977). Intergenerational Equity and the Investing of Rents from Exhaustible Resources. American Economic Review, 67(5), 972–974. https://econpapers.repec.org/RePEc:aea:aecrev:v:67:y:1977:i:5: p:972-74
2. Daly, H. E. (1990). Toward some operational principles of sustainable development. Ecological Economics, 2(1), 1–6. https://econpapers.repec.org/ RePEc:eee:ecolec:v:2:y: 1990:i:1:p:1-6
3. Giuseppe Munda (1997) Environmental Economics, Ecological Economics, and the Concept of Sustainable Development Press, Environmental Values, May 1997, Vol . 6, No 2 (May 1997), Pp. 213-233 Published by : White Horse Press Stable URL : Https://Www.Jstor.Org/Stable/30301601

Course designed by: Dr Anila Skariah

SEMESTER V

CBEC507: BASIC TOOLS FOR ECONOMIC ANALYSIS - I

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Identify the basic concepts, tools, and techniques used in the collection, classification, and presentation of data to engage in meaningful research

CO2: Discuss and apply appropriate descriptive statistical tools for data analysis.

CO 3 Describe and apply the tool of the correlation coefficient for qualitative and quantitative variables and interpret the results

CO4 Discuss probability concepts, theorems, and distributions to evaluate problems

CO5 Use statistical softwares for the classification and presentation and in univariate and multivariate analysis

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	2	2	2	2	-	2	-	2	2	-
CO2	Apply	2	2	2	2	-	2	-	2	2	-
CO3	Apply	2	2	2	2	-	2	-	2	2	-
CO4	Apply	2	1	2	1	-	1	–	2	1	-
CO5	Apply	1	1	2	1	-	2	-	2	-	1
	Average	**1.8**	**1.6**	**2**	**1.6**	**-**	**2**	**-**	**2**	**1.75**	**1**

Module 1: Collection Classification and Presentation of Data (25 Hours)

Statistics – Meaning -importance -limitations-Variables -quantitative and qualitative

Types of Data-Cross-section, Time series and Pooled-Scales of measurement: Nominal, ordinal, interval and ratio.

Choosing participants: Census Vs sampling-Types of sampling: Random sampling -simple random sampling -stratified sampling -systematic sampling -cluster sampling-multistage sampling -Non random sampling methods -Judgement sampling-convenience sampling-quota sampling -snowball sampling

Sources of data -Primary and secondary data -methods of collection of primary data -qualitative data collection -case study focus group discussion-quantitative date collection -observation Interview- Questionnaire and Schedule Method

Constructing questionnaires: -wording and structure of questions-length and ordering -piloting

Classification of data -frequency table and frequency distributions cumulative frequency distributions-cross tabulation -Use Microsoft excel for classification and representation of data

Module 2: Descriptive Statistics (41 Hours)

Measures of central tendency -meaning -Importance –limitations

Arithmetic means simple weighted, combined-merits and demerits-problems -geometric mean and harmonic mean -applications-problems-positional average-median- graphic location of median -problems--quartiles deciles and percentiles-mode - calculation of mode graphically-problems-relationship and comparison of various measures of central tendency-problems- Box and Whisker Plot

Measures of dispersion-Meaning-absolute and relative measures-range, quartile deviation-problems-mean deviation-problems-standard deviation –coefficient of variation- uses of standard deviation - consistency, risk, diversification -Problems- Lorenz curve-its applications

Moments: raw and central moments –measures.

Skewness meaning-Karl Pearson's and Bowley measures of skewness-skewness based on moments

Kurtosis meaning- measurement based on moments -Using Microsoft Excel

Module 3: Correlation Analysis (10 Hours)

Correlation definition and meaning-uses -types of correlation-Karl pearson's coefficient of correlation-problems-properties of correlation coefficient -coefficient of determination Rank correlation coefficient -Spearmans Rank Correlation-Problems-Using Microsoft Excel

Multiple correlation coefficients -partial correlation coefficient

Module 4: Theory of Probability (32 Hours)

Probability: terminology – random experiments, trial and event, sample space, exhaustive cases mutually exclusive events equally likely events independent events- permutations and combinations.

Approaches to probability classical statistical and axiomatic approaches-problems addition theorem in probability—problems- multiplication theorem in probability-problems conditional probability-problems

Random variable-discrete and continuous random variables- probability density function of discrete and continuous random variables-moments –mathematical expectation- variance and covariance in terms of expectation –problems.

Textbooks

1. Dawson, C (2002) Practical research methods: A user friendly guide to mastering research, How to books Ltd: UK
2. Gupta S C. Fundamentals of Statistics (2015) Himalaya Publishing House Mumbai

3. Sharma J.K. Business statistics. Noida, India: Pearson Education.
4. Richard I Levin et.al. Statistics for management. India: Pearson Education.
5. Srivastava TN et.al. Statistics for Management (Third Edition). McGraw Hill Education (India)Pvt Ltd New Delhi:

Reference

1. Agarwal B.L. (1988) Basic Statistics, Wiley Eastern Ltd, New Delhi.
2. P.N. Aurora, Sumeet Arora, S. Aurora (2007) Comprehensive Statistical Methods S. Chand, New Delhi.
3. Fox, James Allen (1991) Elementary Statistics in Social Research 5th edition.
4. Goon A.M. Gupta M.K. and Dasgupta B. (1998) An Introduction to Statistical Theory.
5. Dwass .M (1970) Probability Theory and Expectations.

Course designed by: Johnson K Joice

CBEC508: INDIAN ECONOMY

Credit: 5 **Total Hours: 108**

Course outcomes

At the end of the course the students will be able to

CO1: Critique India's post-independence economic policies and praxis

CO2: Interpret contemporary macroeconomic and developmental issues of Indian economy

CO3: Evaluate the planning and policy making process in India connecting it with theoretical economic rationale

CO4: Infer analytically on the performance of economic sectors using national and subnational data

CO5: Appraise the evolving characteristics of the development experience of Kerala relating it with macroeconomic, socio-demographic and environmental issues of the state economy

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	-	1	-	-	-	-	2	-	2	-
CO2	Apply	-	3	-	-	-	-	-	-	1	-
CO3	Analyse	-	-	-	-	3	-	-	-	2	-
CO4	Apply	-	-	-	1		-	-	-		2
CO5	Analyse	-	2	-	-	2	-	-	-	2	-
	Average	**-**	**2**	**-**	**1**	**2.5**	**-**	**2**	**-**	**1.75**	**2**

Module 1: Indian Economy: An Overview **(25 Hours)**

Economic Geography of India - Post-Independence Economic performance of India - Sectoral composition of output and employment Demographics of India - National Population policy - Population and Demographic window - Labor migration - Urbanisation

Module 2: Institutions and Reforms **(15 Hours)**

Historical evolution of economic planning - Decentralised planning process - NITI Aayog

Module 3: Major Developmental Issues **(24 Hours)**

Employment and Unemployment taxonomy - trends and policies - Poverty - Inequality - Regional disparities - Measurement - Trends and Policies - National Food Security Act 2013 Corruption - Black Economy - Regulatory statutes - Inclusive growth - Gender issues and women in India

Module 4: Major Sectors of the Economy **(24 Hours)**

Agricultural Growth and Performance - Green revolution - Land reforms - Agricultural finance - WTO and Indian Agriculture - Industrial Growth and Performance - Labor laws - Industrial Policy - MSMEs - Service sector - Social Sector - Infrastructure and utilities - Energy crisis - Autofuel pricing - Impact of COVID-19 pandemic

Module 5: The Kerala Economy **(20 Hours)**

The Kerala model - Composition of SDP - Decentralized planning - Fiscal situation of the state - External migration - Influx of labor - Demographic changes - Environmental issues - Climatic disasters

Textbooks

1. Datt, G & Mahajan, A, Indian Economy 72nd edition, S Chand Publishing: New Delhi. 2020
2. Kapila, U. Indian Economy: Performance and Policies 22nd edition, Academic Foundation: New Delhi. 2021
3. Puri, V K & Mishra S K. Indian Economy 38th edition, Himalaya Publishing House: New Delhi. 2021
4. Prakash, B A & Alwin, J. (Eds). Kerala's Economic Development: Emerging Issues and Challenges, Sage. 2018

Reference

1. Economic Survey of India Various rounds. Ministry of Finance, Govt of India: New Delhi. Available at: https://www.indiabudget.gov.in/economicsurvey/
2. Handbook of Statistics on the Indian Economy Various rounds. RBI: Mumbai. Available at: https://www.rbi.org.in/
3. Economic Review Various rounds, Kerala State Planning Board, Govt. of Kerala: Thiruvananthapuram
4. Singh, R. Indian Economy 13th edition, McGraw Hill Education India: New Delhi. 2021
5. Soni, A. Indian Economy, Disha Publication: New Delhi. 2020

Research Articles

1. Pulapre Balakrishnan, Mausumi Das, M Parameswaran Growth Transitions in India, Economic and Political Weekly, Vol. 56, Issue No. 11, 13 Mar, 2021
2. Shantanu De Roy, Economic Reforms and Agricultural Growth in India, Economic and Political Weekly, Vol. 52, Issue No. 9, 04 Mar, 2017
3. S Irudaya Rajan, K C Zachariah, New Evidences from the Kerala Migration Survey 2018, Economic and Political Weekly, Vol. 55, Issue No. 4, 25 Jan, 2020
4. N Rajagopal. MPI and Covid-19, Economic and Political Weekly, Vol. 55, Issue No. 34, 22 Aug, 2020

Course designed by: Dr. Jeril Tom

CBEC509: MACROECONOMICS – II

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course, the students will be able to

CO1: Demonstrate sound knowledge of macroeconomic concepts, issues and variables.

CO2: Describe and evaluate theories of consumption, theories of investment and the relationship between inflation and unemployment.

CO3: Compare and contrast different approaches and theoretical frameworks for analyzing money supply and money demand.

CO4: Analyse business cycle theories and differentiate objectives and instruments of monetary and fiscal policy.

CO5: Identify and summarize the modern developments in macroeconomics.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	2	-	-	-	1	-	-	-	-
CO2	Analyze	-	2	-	1	-	-	2	1	-	-
CO3	Analyze	1	2	-	-	1	1	2	-	-	-
CO4	Analyze	-	2	2	-	1	1	2	-	-	-
CO5	Understand	1	2	-	-	1	2	1	-	-	-
	Average	**1**	**2**	**2**	**1**	**1**	**1.25**	**1.75**	**1**	**-**	**-**

Module 1: Economics of Consumption and Investment Behaviour (25 hours)

Keynes absolute income hypothesis - Kuznets's consumption puzzle- conflict between short-run and long-run consumption functions- Fisher's intertemporal choice model- relative income hypothesis- forward-looking theories of consumer behavior- permanent income hypothesis- life-cycle hypothesis.

Investment demand function- types of investment- gross and net investment- autonomous and induced investment, business fixed investment, residential investment, inventory investment

Keynesian theory of investment -the marginal efficiency of capital (MEC) - Neoclassical model of investment- the concept of marginal productivity of capital Accelerator theory of investment- fixed and flexible version- stock market and cost of capital- Tobin's q.

Module 2: Money, Inflation, and Unemployment (35 hours)

Money-functions of money- determinants of demand for money- money demand function- factors affecting portfolio allocation decision.

Post-Keynesian approaches to demand for money- Tobin and Baumol- the monetarist approach- Milton Friedman.

The money supply - a theoretical framework for analyzing money supply determination- the monetary base model- high-powered money-money multiplier- measures of monetary aggregates compiled in India.

Inflation: types -demand-pull and cost-push inflation- the concept of an inflationary and deflationary gap- causes and effects of inflation –control of inflation, case study-Zimbabwe

Measuring inflation: consumer price index, producer price index, GDP deflator.

The concepts of employment and unemployment - measuring unemployment.

Inflation and unemployment- the Phillips curve- stagflation- the expectations-augmented Phillips curve- long-run Phillips curve-natural rate of unemployment- adaptive expectations hypothesis-policy implications.

Module 3: Business Cycles and Macroeconomic Policies (15 hours)

Business cycles- features and phases- - coincident, leading and lagging indicators of the business cycle- business cycle and the economy - classification of economic indicators: procyclical, countercyclical and acyclical.

Keynesian trade cycle theory- monetarist interpretation of trade cycles- multiplier accelerator interaction- built-in stabilizers.

Macroeconomic Policy- monetary policy- twin goals of monetary policy- tools: open market operations, statutory liquidity ratio, bank rate, variable- reserve ratio, repo rate- expansionary and contractionary monetary policy- fiscal policy- objectives and instruments.

Module 4: Modern Developments in Macroeconomics (15 hours)

New classical macroeconomics-main propositions- the rational expectations hypothesis- the ineffectiveness of government interventions Real business cycles approach-salient features Supply-side economics-main features- types of supply-side policies- Laffer curve and policy implications

New Keynesian approach - major characteristics- New Consensus.

Textbooks

1. N. Gregory Mankiw (2015), Macroeconomics, Worth Publications, New York
2. R. Dornbusch, S Fisher and R. Startz (2018), Macro Economics: Tata McGraw Hill Education
3. Rosalind Levacic and Alexander Rebmann (2007) Macroeconomics: An Introduction to Keynesian-Neoclassical Controversies, Macmillan, Reprinted.
4. Andrew B. Abel, Ben S. Bernanke and Dean Croushore (2017), Macro Economics, Pearson Education Limited, Global Edition

Reference

1. Lefteris Tsoulfidis: (2010), Competing Schools of Economic Thought, Springer.
2. Richard T. Froyen (2013), Macroeconomics - Theories and Policies, Pearson Education
3. Eugene Diulio (1998), Theory and Problems of Macroeconomics – Schaum's Outline Series, Tata McGraw Hill, New York.
4. Christopher T.S. Ragan and Richard G. Lipsey (2011) Economics, Pearson USA
5. Sampat Mukerjee (2008), Analytical Macroeconomics: From Keynes to Mankiw, New Central Book Agency, Calcutta.
6. Brain Snowdon, Howard R. Vane (2005) A modern guide to Macroeconomics, Edward Elgar, USA.
7. David Cobham (1987) Macroeconomic Analysis an Intermediate text, Longman, Economics Series, London.
8. A.J. Westaway and T.G. Weyman Johnes (1978): Macroeconomics, Theory, Evidence and Policy, Longman.
9. Errol D'Souza (2008): Macroeconomics, Pearson, India
10. Olivier Blanchard (2017): Macroeconomics- Pearson, USA

Course designed by: Dr Anila Skariah

CBEC510: ECONOMICS OF GROWTH AND DEVELOPMENT

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course the students will be able to

CO1: Understand the basics of development economics and connect development, growth, poverty, inequality, as well as the underpinnings.

CO2: Interpret the foundational and contemporary debates on growth and development theory and policy.

CO3: Apply the theories in growth and development to engage with real-world questions.

CO4: Analyze essential tools and concepts of development economics, and indicate what makes underdevelopment persist and what helps development succeed.

CO5: Assess basic understanding of demographic theory and its application to various aspects of the economy and develop economic argument and analytical abilities of different demographic concepts.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	-	-	1	-	-	-	-
CO2	Apply	-	2	-	-	-	2	1	-	-	-
CO3	Apply	-	2	-	-	1	-	-	2	-	-
CO4	Apply	-	1	-	-	2	-	-	2	1	-
CO5	Analyze	-	2	-	1	2	-	2	-	-	-
	Average	**2**	**1.75**	**-**	**1**	**1.6**	**1.5**	**1.5**	**2**	**1**	**-**

Module 1: Introduction to Economics of Growth and Development (25 Hours)

Growth and Development –Characteristics of underdevelopment- Dimensions of development and their indicators –- PQLI, HDI, HPI and HHI- Basic needs approach-Sen's capability approach-Experimental approach-Factors influencing growth and development

Module 2: Theories of Economic Development and Growth (25 Hours)

Classical - Karl Marx -Schumpeter's analysis of growth-Harrod-Domar model-Vicious circle of poverty-low level equilibrium trap-Dualism: Social, technological, financial-Critical minimum effort thesis- Big push theory-Doctrines of balanced growth - unbalanced growth theory-Rostow's stages of growth theory – Lewis model-Dependency theory-

Module 3: The Development Gap and the Analysis of Income Inequality and Poverty (20 Hours)

Underdevelopment and development gap- Income distribution -Concepts of income inequality- Kuznets inverted U hypothesis- Measures of inequality: Lorenz curve- Gini

coefficient-Poverty- Measurement of poverty: absolute and relative-Head count-HPI, MPI– Inequality, poverty and development interconnections. - Inclusive growth

Module 4: Population and Development (20 Hours)

Demographic concepts: Crude birth rate, Crude death rate, Infant mortality rate, Life expectancy at birth, Total fertility rate- Population pyramid- Changes in the age structure, Dependency ratio – pessimistic view -Malthusian-Optimistic-human capital approach-optimum population - Demographic dividend- The theory of demographic transition.

Textbookss

1. Todaro and Smith, Economic Development, Pearson Education, New Delhi (recent edition).
2. Thirlwall, A.P (recent edition), Growth and Development with Special Reference to Developing Countries (recent edition) Palgrave, New Delhi.

Reference

1. Ray, D. Development economics. Princeton University Press,1998
2. Benjamin Higgins, Economic Development, Universal Book Stall, New Delhi,1998
3. Meier, G.M, Leading Issues in Economic Development, Oxford University Press, New Delhi, 2007

Course designed by: Pavanam Thomas

SEMESTER VI

CBEC611: BASIC TOOLS FOR ECONOMIC ANALYSIS - II

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Explain types of probability distributions, their properties, the procedure of testing hypotheses and apply them to take business decisions

CO2: Explain concepts and laws in matrix algebra, apply tools of matrix algebra to solve systems of linear equations, and discuss their application to economics

CO3: Describe the concepts, the procedure of construction, the process of base shifting and splicing in index numbers

CO4: Describe time series, progressions, and capital budgeting concepts and apply them to decision-making

CO5: Use statistical software in testing of hypothesis and in time series analysis

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	2	2	2	2	-	2	-	2	2	-
CO2	Apply	2	1	2	-	-	2	-	2	1	-
CO3	Apply	2	2	2	-	1	2	-	2	2	-
CO4	Apply	2	2	2	2	1	2	-	2	2	-
CO5	Apply	1	-	1	2	-	1	-	1	1	1
	Average	**1.8**	**1.75**	**1.8**	**2**	**1**	**1.8**	**-**	**1.8**	**1.6**	**1**

Module 1: Probability distributions and Statistical Inference (40 Hours)

Probability distributions - Binomial distribution properties –problems Poison distribution and Uniform distribution- properties Normal distributions properties-standard normal distribution properties and problems

Statistical inference-definition -statistics and parameters-Sampling distribution-standard error-central limit theorem (Statement only)

Procedure of testing of hypothesis-statistical hypothesis-null and alternative hypothesis -type I and type II errors –level of significance-test statistical sampling distribution of sample mean-one tailed and two tailed tests-P value- degrees of freedom-critical region- large sample and small sample tests

Testing the given population mean-procedure and problems-Z and t tests

Comparing means-dependent sample tests-procedure and problems-comparing means - independent sample tests-procedure and problems

Contingency tables- Chi square test -testing the independence of attributes (2x2 tables) problems

Using Microsoft Excel in solving problems

Module 2: Matrix Algebra (34 Hours)

Matrices-definition- types-square matrix row vector and column vector diagonal matrix triangular matrix symmetric and skew symmetric matrix

Order of Matrix, transpose of matrix-properties of transpose of a matrix

Matrix Algebra-addition, subtraction-multiplication of matrices

Determinants-determinants up to order 3x3-properties of determinants-singular and non-singular matrices

Minors and cofactors and adjoint of matrices - inverse of matrices -properties of inverse

Representing system of equations in matrix form-solving system of equations using inverse for solving system of equations -Solving system of equations using Cramers rule

Applications of matrices in economics-market equilibrium -applications of matrices in economics -input -output analysis

Constrained optimization -special type of determinants -Jacobian -Hessian and bordered Hessian -applications

Module 3: Index Numbers (16 Hours)

Index numbers – Importance and limitations - Problems in construction Weighted and un weighted price index numbers – Different methods of construction – Simple aggregative, simple average of price relatives-Laspeyre’s, Paache’s, Fisher’s and Marshall Edgeworth's and Kellys indices

Tests of Index Numbers: Time Reversal and Factor Reversal Tests-Ideal index number

Fixed base index number and chain-based index numbers base shifting and splicing

Module 4: Time Series Analysis (8 Hours)

Components of Time Series–– additive and multiplicative models

Measurement of Trend using the method of semi averages - Moving Average -Method of least squares -fitting linear trend-Using Microsoft Excel to fit the line

Module 5: Financial Mathematics (10 Hours)

Arithmetic Progression-Geometric progression- Applications in Economics

Simple interest- compound interest, nominal and periodic rate, effective rate-Continuous Compounding

Net Present Value –Using NPV for checking the profitability of an investment-Internal Rate of Return.

Textbooks

1. Seymour Lipschutz, John Schiller, Schaum's Outline of Introduction to Probability and Statistics Introduction to Probability and Statistics, MG Graw Hill. 2012
2. SC Gupta, Fundamentals of Statistics, Himalaya Publishing House
3. Chiang A.C, Fundamental Methods of Mathematical Economics, McGraw-Hill. 2005
4. Edward Third edition Schaums outlines of Introduction to Mathematical Economics, McGraw-Hill
5. Dr J K Sharma. Mathematics for Business and Economics Asian Books Private Ltd
6. Srinath Baruah, Basic mathematics its applications in Economics, Trinity Press. 2014

Reference

1. Michel Hoy, John Livernois, Ray Rees, Mathematics for economics (Third 5. Edition), MIT Press, Cambridge
2. Monga G.S., Mathematics, and Statistics for Economists, Vikas Publishing House
3. Akihito Asano An Introduction to Mathematics for Economics, Cambridge University Press. 2013
4. Karl P Simon and Lawrence Bloom, Mathematics for Economists, Viva Norton Student Edition
5. Yamane Taro. Mathematics for Economists: An Elementary Survey, Prentice Hall of India Pvt. Ltd., New Delhi. 1970

Course designed by: Johnson K Joice

CBEC612: INTERNATIONAL ECONOMICS

Credit: 4 **Total Hours: 90**

Course outcomes

At the end of the course the students will be able to

CO1: Illustrate systematic exposition of models and explain the composition, direction and consequences of international trade.

CO2: Define economic concepts of international trade and assess international trade blocs and their importance.

CO3: Evaluate the basic difference between inter-regional and international trade and interpret how international trade has helped countries to acquire goods at a cheaper cost and explain it through the various international trade theories.

CO4: Interpret the composition as well as the direction of foreign trade after international trade and examine causes and effects of deficits in the balance of payments and illustrate measures adopted to correct the deficits and identify the need for having trade reforms.

CO5: Infer the dealings in foreign exchange markets, its participants, and the terms used and connect with exchange rate operations.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	2	-	-	-	1	2	-	-	-	-
CO2	Analyze	-	2	-	-	2	-	2	-	-	-
CO3	Understand	1	1	-	-	-	-	1	2	-	-
CO4	Analyze	-	2	-	-	2	-	-	-	1	-
CO5	Apply	1	2	-	-	-	1	-	1	-	-
	Average	**1.3**	**1.75**	**-**	**-**	**2.5**	**2.5**	**1.5**	**1**	**1**	**-**

Module 1: Basic Concepts and Theories of International Trade (25Hours)

International Economics: Nature and Scope - Internal and International Trade- An Overview of World Trade- Inter Industry Trade and Intra- industry Trade- - Mercantilism- Absolute Cost Advantage Theory– Comparative Cost Advantage theory-Opportunity Cost Theorem — Community Indifference Curve- Offer Curve- Terms of Trade – meaning and types- gains from trade – static and dynamic gains - Heckscher – Ohlin theory– Factor Price Equalization Theorem- Leontief Paradox

Module 2: Foreign Exchange and Balance of Payments (32 Hours)

Foreign exchange markets: Meaning and Functions –Forex Market Participants - Demand and Supply of Foreign Exchange-Defining exchange rate-price and volume quotation -real, nominal, effective exchange rate- Factors influencing Exchange Rates- Theories of exchange rate determination: Mint Parity, Purchasing power parity theory, Balance of payments theory-

Fixed ,Floating, managed floating exchange rate -Devaluation, revaluation, depreciation and appreciation-Meaning and structure of balance of payments – equilibrium and disequilibrium in the balance of payments – measures to correct disequilibrium – Devaluation and Balance of Payments - Marshall-Lerner condition- J curve effect- BOP in India- Recent trend and patterns.

Module 3: Trade Policy (16 Hours)

Commercial Policy- Free Trade and Protection debate-Methods of Trade Restriction: Tariff – Non-Tariff trade barriers –Process of cumulative causation

Module 4: International Financial and Trade Systems (17Hours)

Gold standard- Bretton Woods System - IMF -World Bank- ADB, and BRICS Bank-Economic Integration- EU, ASEAN, BRICS, GATT- Uruguay Round, WTO

Textbooks

1. Dominick Salvatore, (recent edition) International Economics. John Wiley and Sons, Delhi.
2. Francis Cherunilam, International Economics, Tata McGraw Hill, Delhi,2008
3. Paul Krugman and Maurice Obstfeld (recent edition), International Economics: Theory and Policy, Pearson Education, Delhi.

Reference

1. Dominick Salvatore, Schaum's Outlines, Theory and Problems of International Economics. Tata McGraw Hill, Delhi.
2. Sodersten, Bo. And Geoffry Reed, International Economics, Palgrave Macmillan.
3. Joseph Stiglitz, 'Globalization and its discontents, Penguin books, 2002
4. RBI Bulletin, Various Issues
5. IMF Staff Papers

Course designed by: Pavanam Thomas

CBEC613: FINANCIAL INSTITUTIONS AND MARKETS

Credit: 4 **Total Hours: 90**

Course outcomes

At the end of the course the students will be able to

CO1: Infer on the structure, functions, institutions and markets in the financial system relating it with of India

CO2: Order the historical evolution and critique the emerging trends of banking and its regulatory framework in India and appraise its structure and functions

CO3: Understand the functioning of RBI and interpret its monetary policy review

CO4: Understand the functioning of money market and classify its instruments and features across sub-markets and connect it with the case of India

CO5: Understand the structure, functioning and instruments of capital market institutions and classify the institutions therein and connect it with the case of India

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	-	2	-	-	-	1	-	-	-	-
CO2	Apply	2	-	-	-	1	-	2	-	-	-
CO3	Understand	-	1	-	-	-	-	-	-	1	-
CO4	Apply	-	2	-	-	-	1	-	-	-	-
CO5	Apply	-	2	-	-	-	1	-	-	-	-
	Average	**2**	**1.75**	**-**	**-**	**1**	**1**	**2**	**-**	**1**	**-**

Module 1: Financial System **(20 Hours)**

Financial system-meaning and functions - Structure of Indian Financial System - Banks and NBFIs –Insurance Companies, Pension funds, Mutual Funds, unit trusts, Asset Management Companies

Module 2: Banking **(30 Hours)**

Bank - Types: Branch banking – Unit banking – Mixed banking –Chain banking- Core Banking Bank portfolio Management: Real Bills Doctrine- Shiftability theory – Anticipated Income theory - Commercial banking in India –Evolution – Structure - Functions

RBI – functions - Monetary policy Instruments - Co-operative banking - NABARD

Banking Regulations Post-Independence – Nationalisation – Liberalisation - Narasimham Committee Reports - Basel Norms - Financial inclusion - Non-Performing Assets - Digital Payment System in India – RTGS – NEFT - Payment Bank - PSB Amalgamations - Small finance banks – Demonetisation - The Insolvency and Bankruptcy Code 2016 - The Banning of Unregulated Deposit Schemes Act 2019 - Banking Regulation Act 2020 amendment - banking-ombudsman

Module 3: Money market **(10 Hours)**

Money Market-Functions - Structure of money market - Call Money Market- market, Collateral Loan Market- Commercial Bill Market - Features of Indian Money Market

Module 4: Capital market **(30 Hours)**

Capital market-meaning and composition- primary and secondary markets

BSE-BSE Sensex - NSE-NSE Nifty

Major financial instruments-equity shares and preference shares, debentures and bonds –Fixed income instruments-G.D.Rs and A.D.Rs- FDI and FIIs

Derivatives - forward and futures, options, swaps

Primary Market-institutions in the primary market - methods of public issue, IPO and FPO listing of securities – Dematerialisation – Depositories - Credit rating agencies - Role of SEBI

Textbooks

1. Mishkin F. S. &. Eakins G. Financial Markets and Institutions, Pearson Education, 6th edition. 2009
2. Bhole L. M. & Mahukud, J. Financial Institutions and Markets, Tata McGraw Hill, 5th edition. 2011
3. Parameswaran R, Indian Banking, S. Chand & Company, New Delhi. 2010
4. Khan M F, Indian Financial Institutions, Tata McGraw Hill Ltd. 2006
5. Avadhani, V A, Fundamentals of Money And Banking, Himalaya Publishing House, New Delhi. 2009

Reference

1. Reserve Bank of India Bulletins, Reports on Currency and Finance and other Reports and data releases. doi: https://rbi.org.in/
2. Hajela, T.N. Money and Banking, Ane Books Pvt Ltd., New Delhi. 2009
3. Sayers R.S. Modern Banking, OUP, New Delhi. 1977
4. Harris, C.L. Money and Banking, Allyn and Bacon, London. 1961

Course designed by: Dr. Jeril Tom

CBEC614: BASIC ECONOMETRICS

Credit: 4 **Total hours: 90**

Course outcomes

At the end of the course the students will be able to

CO1: Understand the methodology of econometrics and rudiments of statistical estimates

CO2: Estimate regression coefficients and fit a curve to economic data

CO3: Interpret and report research findings to academic and general public

CO4: Assess the nature, causes, consequences, detection and remedies of autocorrelation, heteroskedasticity, multicollinearity and specification errors

CO5: Experiment on the extensions of regression analysis to infer on the process of econometric modelling

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	-	-	1	-	-	-	-
CO2	Analyse	-	-	3	-	-	-	-	3	-	-
CO3	Apply	-	-	2	2	-	-	-	1	-	-
CO4	Apply	-	-	2	-	-	-	-	-	-	-
CO5	Apply	-	2	-	-	-	-	-	-	2	2
	Average	**1**	**2**	**2.3**	**2**	**-**	**1**	**-**	**2**	**2**	**2**

Module 1: Introduction to Econometrics **(15 Hours)**

Definition and Scope of Econometrics - Methodology of econometric research - Deterministic and stochastic model - basic concepts of estimation - Point estimation and interval estimation - properties of estimators - unbiasedness, efficiency, consistency and sufficiency

Module 2: Regression and the Method of Least Squares **(20 Hours)**

Two variable Regression Model - Regression equations and regression lines - ‘y on x’ and ‘x on y’

Simple Keynesian Model - PRF - SRF - Estimation of an equation - OLS method - Assumptions - Gauss Markov theorem - Reporting the result -- Multiple regression model - Assumptions - Estimation - interpretation - R2 and Adjusted R2

Module 3: Extensions of Regression Analysis **(15 Hours)**

Regression through origin - Different functional forms of regression models and their use scaling and units of measurements

Qualitative variables- Dummy variable models - Uses - Dummy variable trap

Module 4 Problems in Regression Analysis **(30 Hours)**

Problems in regression - Autocorrelation: Nature, causes, consequences - Durbin Watson d Nature - Hetroscedasticity: Nature, causes, consequences - White's test

Nature - Multicollinearity: Nature, causes, consequences - VIF

Module 5: Practicing Econometrics **(10 Hours)**

Computer application in Econometrics: Introducing the software Gretel-Estimation of elasticity using sample data-estimation of growth rates-interpretation

Textbooks

1. Gujarati, D N, Porter D C & Pal, M. Basic Econometrics 6th Edition. McGraw Hill: Noida. 2020
2. Studenmund A. H. Using Econometrics: A Practical Guide, 7th Edition. Pearson. 2017

Reference

1. Gujarati, D N. Econometrics by Example 2nd edition, Palgrave Macmillan. 2016
2. Gupta S.C. Fundamentals of Statistics 7th edition, Himalaya Publishing House: New Delhi. 2018
3. Wooldridge J M. Introductory Econometrics: a Modern Approach 5th edition, Cengage Learning India. 2012
4. Watson, M W & Stock, J H. Introduction to Econometrics 3rd Edition. Pearson. 2017.

Course designed by: Dr. Jeril Tom

CBEC6PJ: PROJECT

Credit: 2

Course outcomes

At the end of the course students will be able to:

CO1: Apply relevant economic theory and research skills to a specific field of inquiry.

CO2: Develop persuasive and well supported arguments on a given topic.

CO3: Process data using statistical packages

CO4: Communicate research findings in oral, written and graphical format.

CO5: Produce a dissertation document that reports and discusses findings from the research and defend it before a panel of experts.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	-	2	-	-	-	2		1	-	-
CO2	Apply	-	-	-	-	2	2		2	-	-
CO3	Apply	-	-	1	2	-	1		1	2	-
CO4	Evaluate	-	-	2	2	-	-	-	2	2	-
CO5	Analyse	-	1	-	1	-	-	-	2	2	-
	Average	**-**	**1.5**	**1.5**	**2.5**	**2**	**2.5**		**1.6**	**2**	**-**

A Model Project Design

The project work can be designed by considering the following elements.

1. Selection of a Topic
2. Pilot Survey – a trial run of questionnaire / interviews
3. Significance / Social relevance of the Study
4. Review of Literature
5. Formulation of Research Questions / Issues
6. Research Objectives (Minimum 2)
7. Coverage (Universe / Sample & period of study)
8. Data source (Primary/Secondary)
9. Methods of Analysis i.e., Tools and Techniques
10. Limitations of the study
11. Chapter outline
12. Result Chapter(s)
13. Conclusion

STRUCTURE OF THE REPORT

The report should be organized in the following sequence:

i) Title page

ii) Name of the candidate, Name and designation of the supervising teacher

iii) Declaration of the student and certificate of the supervising teacher

iv) Acknowledgements

v) List of tables, List of figures, table of contents

vi) Introduction

vii) Significance of the study

viii) Related works, if any

ix) Objectives, methodology and data sources

x) Chapter scheme

xi) Main text, summary conclusions and recommendations

xii) Bibliography

Components of Dissertation Evaluation

Component	Marks
Relevance of the topic	5
Appropriateness of methodology, analysis and conclusions drawn	25
Language, Structure and Referencing	20
Total	**50**

CHOICE BASED CORE COURSES

CBEC6E01: PUBLIC ECONOMICS

Credit: 3 **Total Hours: 72**

Course Outcomes

At the end of the course the students will be able to

CO1: Understand the concept of market failure and demonstrate the role of the government to correct market failures.

CO2: Analyze the role and scope of public finance and illustrate the economic functions of government.

CO3: Enumerate the rationale for the existence of modern governments and infer micro and macro aspects of public expenditure and public debt.

CO4: Infer about fiscal federalism and the role of finance commission.

CO5: Infer the concepts and principles of taxation and to examine the contribution of tax and non-tax revenue to public exchequer and impact of public policy on the allocation of resources, budgetary procedures, stabilization instruments.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	1	-	-	2	2	-	-	-	-
CO2	Apply	-	2	-	-	1	2	1	-	-	-
CO3	Apply	-	-	-	-	2	1	2	-	-	-
CO4	Understand	1	1	-	-	-	2	-	-	-	-
CO5	Analyze	-	2	-	-	2	1		2	-	2
	Average	**1**	**1.5**	**-**	**-**	**1.75**	**1.6**	**1.5**	**2**	**-**	**2**

Module 1: Introduction to Public Economics (18 Hours)

The nature, scope and significance of public Economics-Functions of Government- Public vs. private goods, national vs. local public goods, Social Goods-Market failure, Externality, merit goods, club goods.

Module 2: Public Expenditure and Public Debt (15 Hours)

Theories of Public Expenditure – Wagner‘s Law – Wiseman- Peacock Hypothesis –Critical Limit Hypothesis.-Public debt – types – debt redemption – burden of public debt-Federal Finance – Finance commission

Module 3: Revenue Resources – Tax and Non-tax Revenue (21 Hours)

Concept of tax- impact, incidence and shifting-types of tax – direct tax and indirect tax-GST-Canons of taxation-Principles of taxation – Ability to Pay principle, Benefit Approach-Concept of taxable capacity – the Laffer curve- Concept of deadweight losses- optimal taxation-Effects of income tax on work effort, saving and risk bearing-Non-tax revenue resources

Module 4: Government Budget and Policy (18 Hours)

Government budget and its structure – receipts and expenditure – concepts of revenue and capital account, balanced, surplus, and deficit budgets-concepts of budget deficit, fiscal deficit and revenue deficit-FRBM act-budgetary policy and its impact-zero based and gender budgeting

Textbookss

1. Richard A. Musgrave Public Finance in Theory and Practice McGraw Hill Book Company, New York,1989
2. Amaresh Bagchi (ed.). Readings in Public Finance. Oxford University Press.

Reference

1. Joseph Stiglitz, Economics of Public sector, Norton, New York (recent edition)
2. H. Rosen, T. Gayer: Public Finance, 9th ed., McGraw-Hill/Irwin, 2009.
3. H. L. Bhatia. Public Finance (Latest Edition).
4. Jha R Modern Public Economics, Routledge, London. 1999

Course designed by: Pavanam Thomas

CBEC6E02: FINANCIAL ECONOMICS

Credit: 3 **Total Hours: 72**

Course Outcomes

At the end of the course the students will be able to

CO1: Describe the concepts of Deterministic and Deterministic cash flow streams and Single-period Random Cash Flows

CO2: Describe the concepts of Capital Asset Pricing Model (CAPM) & Arbitrage Pricing Theory

CO3: Apply discounted cash flow model to analyse the management of fixed income and other asset investment

CO4: Evaluate the selection of optimum combinations of asset and portfolio set using traditional and modern portfolio theory

CO5: Interpret theories of asset pricing principles contrasting CAPM with APT and its applications

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	2	-	2	-	-
CO2	Apply	2	2	-	2	-	2	-	2	-	-
CO3	Apply	2	2	-	2	-	2	-	2	-	-
CO4	Apply	2	1	-	1	-	1	-	2	2	-
CO5	Apply	2	1	-	1	-	2	-	2	-	-
	Average	**2**	**1..5**	**-**	**1.5**	**-**	**1.8**	**-**	**2**	**2**	**-**

Module 1: Deterministic Cash-Flow Streams (24 Hours)

Basic theory of interest;-discounting-and present value-internal rate of return-evaluation fixed-income securities-bond prices and yields-interest rate sensitivity and duration -immunisation; the term structure of interest rates;-yield curves-spot rates-and forward rates

Module 2: Single-period Random Cash Flows (24 Hours)

Random asset returns-portfolios of assets-portfolio mean and variance;-feasible combinations of mean and variance;-mean-variance portfolio analysis -the Markowitz model -and the two-fund theorem;-risk-free assets -and the one-fund theorem

Module 3: Capital Asset Pricing Model (CAPM) & Arbitrage Pricing Theory (APT) (24 Hours)

The capital market line-the capital asset pricing model -The beta of an asset and of a portfolio security market line-use of the CAPM model in investment analysis and as a pricing formula Arbitrage pricing theory

Textbooks

1. Joseph Daniels & David VanHoose -International Monetary & Financial Economics-Pearson 2013
2. David G. Luenberger, Investment Science, Oxford University Press, USA, 1997.
3. Hull, J. Options, Futures and other Derivatives, fifth edition, Prentice Hall, 2002
4. Richard A. Brealey and Stewart C. Myers, Principles of Corporate Finance, McGraw-Hill, 7th edition, 2002.

Reference

1. Burton G. Malkiel, A Random Walk Down Wall Street, W.W. Norton & Company, 2003.
2. Simon Benninga, Financial Modeling, MIT Press, USA, 1997.
3. P. Vijaya Kumar and N. Appa Rao. Managerial Economics & Financial Analysis, Cengage; 1 edition. 2011.

Course designed by: Johnson K Joice

CBEC6E03: MARKETING MANAGEMENT

Credit: 3 **Total Hours: 72**

Course Outcomes

At the end of the course the students will be able to

CO1: Identify the scope of marketing covering its different functions

CO2: Interpret the methods and tools used in market evaluation, research, and the process of marketing

CO3: Apply key marketing theories, frameworks, and tools to solve Marketing problems

CO4: Evaluate the elements in the marketing mix and market segmentation in different market types

CO5: Develop analytical skills in the identification and resolution of problems pertaining to marketing management.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	2	-	2	-	-
CO2	Apply	2	2	-	2	-	2	-	2	-	-
CO3	Apply	2	2	-	2	-	2	-	2	-	-
CO4	Apply	2	1	-	1	-	1	-	2	2	-
CO5	Apply	2	1	-	1	-	2	-	2	-	-
	Average	**2**	**1..5**	**-**	**1.5**	**-**	**1.8**	**-**	**2**	**2**	**-**

Module 1: Basics of Marketing Management (12 Hours)

Nature of marketing -Scope of marketing -Significance of marketing-Evolution of Marketing-Basic concepts-Different types of marketing-Modern marketing-Marketing environment

Module 2: Functions of Marketing Management (14 Hours)

Functions of marketing-Function of exchange-Functions of physical distribution-Storage and warehousing-Transportation-Facilitating function-Grading and standardization

Module 3: Elements of Product Strategy, MIS and Marketing Research (14 Hours)

Branding -Packaging-Labelling-Marketing information system-Marketing research

Module 4: Marketing risk, Marketing Mix and Segmentation (20 Hours)

Marketing risk-Marketing Mix-Product -New Product-Product planning and development-Product life cycle-Marketing Segmentation-Marketing of manufactured goods-Manufactured consumer goods-Manufactured industrial goods-Their classification

Module 5: Agricultural Marketing and Cooperatives (12 Hours)

Marketing of agricultural products-structure and organization of agricultural marketing Types-problems-regulated and organized market-Co-operative marketing bodies

Textbooks

1. Kotler, Kevin, Jha & Koshi, Marketing Management, Pearson Education, Delhi. 2009
2. Ramaswamy & Namakumari, Marketing Management, Macmillan India Ltd, Delhi. 2009

Reference

1. William J Stanton et al, Marketing, McGraw Hill Publishing Company Pvt. Ltd, Delhi. 2007
2. Pillai RSN and Bagavati, S Chand & co. Ltd, New Delhi. 2005
3. Hajela TN, Co-operation: Principles, Problems and Practice, Konark Pub. Pvt Ltd. Delhi. 2000

Course designed by: Pavanam Thomas

COMPLEMENTARY COURSES IN HISTORY FOR BA ECONOMICS PROGRAMME

SEMESTER I

CDHS101: MAKING OF INDIAN NATION

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Summarize the beginning and development of the East India companies, the important events and persons related to Battle of Plassey, Buxar, Carnatic wars, Maratha wars and Anglo-Mysore wars and emergence of Nationalism

CO2: Define Peasant and Tribal Uprisings, importance of Revolt of 1857, Indian Nationalism and freedom struggle.

CO3: Explain the economic developments and land revenue policy during the colonial period and Nationalistic Critique on Colonial Economy

CO4: Identify the activities of Socio Religious movements in India

CO5: Explain the legacy of Indian National Army and Summarize the factors led to the partition of India and the concept of divide and rule policy of British Government

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	-	2	-	-	-
CO2	Analyse	2	-	-	-	-	-	2	-	-	-
CO3	Understand	2	-	-	-	-	-	2	-	-	-
CO4	Understand	2	-	-	-	-	-	2	-	-	-
CO5	Understand	2	-	-	-	-	-	2	-	-	-
	Average	**2**	-	-	-	-	-	**2**	-	-	-

Module 1: Beginning of Colonial Rule in India **(32 Hours)**

Advent of the Europeans; Portuguese-Dutch-English- French East India Companies Carnatic wars-Battle of Plassey 1757-Battle of Buxar 1764-Anglo- Mysore and Anglo- Maratha relations- British Paramountacy

From Company to the Crown; Regulating Act- Pitt's India Act- Charter Acts

Colonial Discovery of India & it's culture; Orientalism-Indodology-Dissemination of colonial Knowledge-Education

Module 2: Struggles Against Colonial State **(28 Hours)**

Rebellions before 1857; Revolt of Raja of Vizianagaram 1794-Veluthampi 1809-Pazhassi Revolt 1753-1805;**Peasant Revolts -** Faqir uprising-Mappila Revolt-**Revolt of 1857;**Tribal uprisings- Sanyasi Revolt-Ahoms Revolt-Santhal Rebellion

Towards the founding of the Indian National Congress; Moderates- Extremists- Partition of Bengal-Boycott and Swadeshi Movement-Armed Struggles- Entry of Gandhi into politics-Early Satyagraha Movements-Anti Rowlatt Agitation-Non-Cooperation & Civil Disobedience Movement- critique on Gandhian ideology.

Module 3: Economic and political manifestations of colonialism (28 Hours)

Economic policy of colonial India; colonial Economy; Deindustrialization-Disintegration of Village economy; Agrarian Settlements- Zamindari/ Permanent settlement of revenue - Ryotwari- Mahalwari system- Nationalistic critique on Indian Economy- Drain Theory and Naoroji- R. C. Dutt

Social Reform movements; Brahmo Samaj - Arya samaj- Theosophical Society- Prarthana Samaj- Ramakrishna Mission.

Changes in political structure; Minto-Morley Reforms- Montague - Chelmsford Reforms-Government of India Act 1935.

Module 4: Nationhood - Reality (20 Hours)

Transfer of Power-communal polarization- Second World War-Cripps Mission and Quit India-Subhash Chandra Bose and INA- Wavell Plan- Cabinet Mission-Partition- Indian Independence Act- partition and It's Impact-Formation of Indian Constitution.

Textbooks

1. Bipin Chandra, India's struggle for Independence, Penguin Publishing, Haryana, 1988.
2. Metcalf Barbora D and Thomas R. Metcalf, A Concise History of Modern India, Cambridge University Press, 2001.

Reference

1. A R Desai, Social background of Indian nationalism, India Press, Mumbai, 1986.
2. Bandopadhyaya Sekhar, Plassey to partition.
3. B.R. Tomlinson, The Economy of Modern India: From 1860 to the Twenty First Century, Cambridge University Press, Cambridge, 2013
4. B.S. Cohn, Colonialsm and its forms of Knowledge, PUP, Princeton, 1996.
5. Bernard S. Cohn, Colonialism and Its Forms of Knowledge: The British in India, Princeton University Press, Princeton, 1996.
6. Bipin Chandra, History of Modern India.
7. Bipan Chandra (Ed) - Indias Freedom Struggle, Penguin Publishing, Delhi, 2000.
8. Bipan Chandra, Nationalism and Colonialism in Modern India, Orient Longman, New Delhi, 1979.

9. Bipin Chandra, The Rise and Growth of Economic Nationalism in India, Peoples Publishing House, New Delhi, 1982.
10. C.A, Bayly (ed)., The Making of Agrarian Policy in British India 1770-1900, OUP, New Delhi, 1992.
11. C.A. Bayly, Empire and Information: Intelligence Gathering and Social Communication in India, 1780-1870, CUP, Cambridge, 1999.
12. C.A. Bayly, Rulers, Townsmen and bazaar: North Indian Society in the Age of British Expansion, 1770-1870, OUP, New Delhi, 1998.
13. C.A. Bayly, The Peasant Armed: The Indian Rebellion of 1857, Clarendon Press, Oxford, 1986.
14. Carol A Breckenridge and Peter Vander Veer (eds) Orientalism and Post Colonial Predicament: Perspectives on South Asia, University of Pennsylvania, Philadelphia, 1993.
15. Dadabhai Naoroji, Poverty and Un-British Rule in India.
16. D. M. Peers, India under Colonial Rule 1700-1885, Pearson, London, 2006.
17. Eric Stokes, English Utilitarians and India, OUP, London, 1959.
18. Francis Hutchins, The illusion of Performance British Imperialism in India, PUP, Princeton,1967.
19. George D. Bearce, British Attitudes towards India,1784-1858, OUP, Oxford, 1961.
20. Irfan Habib, Essays in Indian History.
21. Lakshmi Subramanian, History of India 1707-1857, Orient Blackswan, Hyderabad, 2010
22. Oomman M.O., Land Reforms in Kerala,Trivandrum, Kerala, 1975
23. Palma Dutt, India To-Day, Manisha Granthalaya, New Delhi, 1983.
24. Prasad Bishewar, changing modes of Indian National Movement, Peoples publishing house, New Delhi,1996.
25. R.C. Majumdar, British Paramountcy and the Indian Renaissance Pts. I &II, Bharatiya Vidya Bhavan, Bombay, 1988.
26. R.C. Majumdar, Three Phases of Indias Struggle for Freedom, Bharatiya Vidya Bhavan, Bombay, 1961.
27. R.C.Majumdar & Others - Advanced History of India, Macmillan India, New Delhi, 1967.
28. S. Gopal, British Policy in India, 1858-1905, Orient Longman, Hyderabad, 1975.

Course designed by: Sandra Thomas

SEMESTER II

CDHS202: TRANSITION TO THE CONTEMPORARY WORLD

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Explain French society, causes and impact of revolution, ideological role of philosophers, Age of Napoleon and the Unification of Germany and Italy

CO2: Explain the inter-imperialist rivalry and World Wars, condition of Russia before and after revolution, Tsarist despotism, role of Bolsheviks and Mensheviks, Lenin, NEP, and Joseph Stalin.

CO3: Identify the Spread of Communism in Eastern Europe and the causes and impacts of Chinese Revolution.

CO4: Explain the Great Depression in 1929-1933, its impacts, Globalization and Sustainable Development.

CO5: Summarize the emergence of anti-colonial movements in Asia and Africa and Identify the working of League of Nations, UN and Regional Organisations.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	-	2	-	-	-
CO2	Analyse	2	-	-	-	-	-	2	-	-	-
CO3	Analyse	2	-	-	-	-	-	2	-	-	-
CO4	Analyse	2	-	-	-	-	-	2	-	-	-
CO5	Understand	2	-	-	-	-	-	2	-	-	-
	Average	**2**	**-**	**-**	**-**	**-**	**-**	**2**	**-**	**-**	**-**

Module 1: Europe During and After French Revolution **(25 Hours)**

Implications of French Revolution - Causes- impact and reactions

The age of Napolean

Congress of Vienna

German & Italian Unifications

Module 2: The war and it's After math **(35 Hours)**

Trends before world War I

Colonialism and imperialism- Inter- Imperialist rivalry and World Wars.

Rise of Fascism and Nazism in Europe

Growth of Communist ideology-Russian Revolution of 1917-Lenin and Stalin- New Economic Policy.

Spread of Communism in East Europe

The Chinese Revolution of 1948- interpretation, impact and consequences.

Module 3: The World of Idea (25 Hours)

The Great Depression in 1929-33.

Post-depression economic political order

Globalization and its instruments - Development vs. Sustainable Development Debate.

Module 4: Decolonization and the New World Order (23 Hours)

Emergence of Anti-Colonial Movements in Asia and Africa

World Bodies-League of Nations, UNO

-NAM, SAARC, ASEAN and other Regional Groupings.

Textbooks

1. Arjun Dev and Indira Dev, History of the World, Orient Blackswan,2009.
2. R. R. Palmer, History of the Modern World,

Reference

1. L.S.Stavrianos, The World since 1500 :A Global History, Prentice Hall Books, 1988.
2. E.J. Hobsbawn, Age of Revolutions, Hachette, UK, 2010 E.J. Hobsbawn, Age of Capital, Weidenfeld and Nicolson, London 1962
3. E.J. Hobsbawn,, Age Empire. Pantheon Books, UK,1987
4. E.J. Hobsbawn,, Age of Extremes, Vintage Books (U.S.),1994.
5. R.R. Palmer, History of the Modern World. Knopf. Publication ,2002.
6. Cran Briton, Anatomy of Revolution, New York, Vintage Books, 1965.
7. Albert Sboul, French Revolution. University of California Press, 1977.
8. E.H.Carr, History of Soviet Russia(3 Vols). The Macmillan Press Ltd,1950.
9. E.H.Carr, Russian Revolution1917-21,Macmillan, 1975.
10. Wallerstein, Historical Capitalism, Verso Books, 2014.
11. A.G.Frank, Latin America and Underdevelopment, Monthly Review Press,1967.
12. Immanuel C.Y. Hsu, The Rise of Modern China, Oxford University Press,1999.
13. Jerome Chen, Mao and the Chinese Revolution, Oxford University Press,1965.
14. T.K. Hopkins and I.Wallerstein, World System Analysis SAGE Publications,1982.
15. Basil Davidson, A History of AfricaSimon & Schuster, 1995.
16. J.R. Hicks, Theory of Economic History, Oxford University Press,1973.
17. UNESCO, History of Humanity,2008

18. Suyin Han, The Morning Deluge: MaoTse-Tung and the Chinese Revolution 1893-1953Jonathan Cape, Lendon,1972.
19. Harry Magdoff, Imperialism, NYU Press, 1978
20. Jaideep Saikia (ed.), Terrorism, Sage India, New Delhi, 2009

Course designed by: Prof Renji Mathew and Dr Loona C

COMPLEMENTARY COURSES IN SOCIOLOGY FOR BA ECONOMICS PROGRAMME

SEMESTER I

CDSO101: FOUNDATIONS OF SOCIOLOGY

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Identify and Explain the basic sociological concepts and theories

CO2: Apply social scientific principles to understand the social world.

CO3: Understand the interrelationship between sociology and other disciplines to **analyze** specific social situations

CO4: Analyze the historical background of sociological theory and the contributions of prominent figures to **interpret** the contemporary social scenario

CO5: Understand the sociological perspective on human behaviour

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	2	2	-	-	-
CO2	Apply	2	-	-	-	-	2		2	1	-
CO3	Analyze	2	-	-	-	-	2	1	2	2	-
CO4	Evaluate	2	-	-	-	-	2	2	-	-	-
CO5	Understand	2	-	-	-	-	2	-	-	-	-
	Average	**2**	**-**	**-**	**-**	**-**	**2**	**1.66**	**2**	**1.5**	**-**

Module 1: Emergence of Sociology

Definition, Nature and Classification of Sciences, Understanding the Intellectual roots of Sociology, Historical roots of Sociology, Definition of Sociology, Nature of Sociology, Subject matter and Scope of Sociology, Interface between Sociology and other Discipline

Module 2: Basic Concepts and Perspectives in Sociology

Definition of Society, Characteristics of society, Types of society, Community, Association, groups, culture, various concepts in connection with culture, social institutions, Marriage, Family, Kinship among various religious communities, Decline of Joint Family System

Module 3: Founding Fathers of Sociology

Contributions of Founding Fathers, August Comte, Herbert Spencer, Karl Marx, Emile Durkheim, Max Weber

Module 4: Micro Level foundations of Sociology

Social Interaction-Meaning, Social Processes, Socialization, Socialization-Types, Agencies, concept of self, Theories- C.H Cooley, Theory - G.H Mead, Social Interaction-Meaning, Social Interaction Types, Social Control and Deviance

Textbooks

1. Giddens, A., Duneier, M., Appelbaum, R. P., & Carr, D. Introduction to Sociology (11th ed.). W. W. Norton & Company / Seagull. 2018
2. Giddens, A., & Sutton, P. W. Essential Concepts in Sociology (2nd ed.). Polity. 2017
3. Nagle, J., & Piero. Introducing Sociology: A Graphic Guide. Icon Books. 2017
4. Ritzer, G. Sociological Theory (8th Edition) (8th ed.). McGraw-Hill. 2010
5. Weber, M. From Max Weber: Essays in Sociology (H. H. Gerth & C. W. Mills (eds.). Oxford

Reference

1. Mills, C. W. The Sociological Imagination 40th ed. 2000
2. Ritzer, G., & Stepnisky, J. N. Sociological Theory. Sage Publications, Inc. 2017
3. Stolley, K. S. The basics of sociology. Greenwood Press. 2005
4. Tomley, S., &; Hobbs, M. The Sociology Book (Big Ideas Simply Explained) | Sarah Tomley, Mitchell Hobbs (1st ed.). Dorling Kindersle. 2015
5. Atal, Y. Indian sociology from where to where: footnotes to the history of the discipline. Rawat Publications.2003

Course designed by: Fr. Mohan Mathew

SEMESTER II

CDSO202: FOUNDATIONS OF INDIAN SOCIOLOGY

Credits: 4 **Total Hours: 108**

Course outcomes

At the end of the course the students will be able to

CO1: Describe the disciplinary History of Sociology in India

CO2: Apply different theoretical perspectives concerning Indian society and its functions

CO3: Explain various social institutions and structures of hierarchy in Indian society.

CO4: Analyse Indian social institutions using sociological theoretical approaches

CO5. Understand the significance of a Village in the imagination of India

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	2	2	-	-	-
CO2	Apply	2	-	-	-	-	2	-	2	-	-
CO3	Understand	2	-	-	-	-	2	2	-	-	-
CO4	Analyse	2	-	-	-	-	2	-	1	-	-
CO5	Understand	2	-	-	-	-	2	2	-	-	-
	Average	**2**	**-**	**-**	**-**	**-**	**2**	**2**	**1.5**	**-**	**-**

Module 1: Disciplinary Histories and Discipline in Making at University Departments (25 hours)

Disciplinary History, Sociology in the pre-independence period, Sociology in the post-independence period, Developments in the seventies, Perspectives in the Eighties, Sociology in the Nineties, Sociological research in India, Methodological Challenges

Module 2: Founding Fathers of Indian Sociology (25 hours)

Indological approach of G S Ghurye, Structural-Functional approach of M.N. Srinivas, Caste system and the village, Social change, The Marxist Approach of A.R. Desai, Indian Nationalism, Path of development, Peasant movements, State and society : Democratic rights, Critique of the Marxist approach

Module 3: Family and Marriage as Social Institution – Changing Nature and Emerging Trends in India (30 hours)

Family and Marriage, Social Institution, Marriage as a social institution, Forms of marriage in contemporary India, Changing Nature of Marriage in Contemporary India, Changing Nature of Marriage in Contemporary India

Module 4: Village studies in India **(28 hours)**

Villages, Significance of village in the imagination of India, Village in national imaginations, The Indian state perception of the 'village', Perspectives on villages by social anthropologists and sociologists, Relevance of Village studies in India

Textbook

1. Atal, Y. Indian sociology from where to where: footnotes to the history of the discipline. Rawat Publications,2003
2. Chaudhuri, M... Sociology in India: intellectual and institutional practices. Rawat Publication,.2010
3. Das, V... Handbook of Indian Sociology. New York; Oxford,2004
4. Dhanagare, D. N. Themes and perspectives in Indian sociology. Rawat, 1993

Reference

1. Dillon, M. Introduction to Sociological Theory: Theorists, Concepts, and their Applicability to the twenty-first century. John Wiley & Sons.2014
2. Hasnain, N. Sociology of marginalized communities and weaker sections in India. Sage Publications. 2021
3. Modi, I. Emerging trends in Indian sociology. Rawat Publications.1986
4. Nagla, B. K. Indian Sociological Thought (2nd ed.). Rawat Books. 2013
5. Shankar Rao, C. N. Sociology of Indian society. S Chand. 2006
6. Singh, Y. Indian sociology: social conditioning and emerging concerns. Vistaar Publications. 1986

Course designed by: Fr. Mohan Mathew

COMPLEMENTARY COURSES IN POLITICAL SCIENCE FOR BA ECONOMICS PROGRAMME

SEMESTER III

CDPS301: PRINCIPLES OF POLITICAL SCIENCE

Credit: 4 **Total Hours: 108**

Course Outcomes

At the end of the course the students will be able to

CO1: Identify the nature and scope of political science and major approaches for its study

CO2: Connect its relationship with other social science subjects

CO3: Infer on the interpretation of the origin and functioning of the state, major theories regarding its origin and changing role of state in contemporary global political situation.

CO4: Assess the constitutionalism, its various kinds and different types of political systems.

CO5: Interpret the congruence and difference between different political ideologies to evaluate historical and current political events

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	2	-	-	-	-	1	2	-	-	-
CO2	Apply	2	-	-	-	-	-	2	-	2	-
CO3	Analyze	2	-	-	-	-	-	2	-	1	-
CO4	Understand	2	-	-	-	-	-	2	-	1	-
CO5	Analyze	2	-	-	-	-	1	2	-	-	-
	Average	**2**	**-**	**-**	**-**	**-**	**1**	**2**	**-**	**1.3**	**-**

Module 1: Nature and scope of political Science **(30 hours)**

Meaning, nature and scope of political science - different perspectives – politics as art of government, politics as public affairs, politics as compromise and consensus & politics a s power, major approaches – traditional, behavioural, post behavioural, marxist approaches – relationship of political science with other social science–history, economics, sociolog, anthropology, psychology, geo-politics

Module 2: Study of the State **(25 hours)**

State meaning and elements – theories of the origin of the state – divine origin, evolutionary and social contract theories. state and nation, state and government, state and civil society, state and sovereignty -meaning and kinds –monism and pluralism. changing role of the state in the era of globalization.

Module 3: Constitution and constitutionalism **(25 hours)**

Constitution – meaning and importance – types of constitution –written and unwritten, rigid and flexible – constitutionalism –meaning – problems and prospects –governments meanings

forms of government – unitary and federal, parliamentary and presidential – democracy –forms challenges –theories of representation – territorial, functional and minority

Module 4: Political Ideologies (28 hours)

Liberalism, Neo-liberalism, Marxism, neo-Marxism, Gandhism – political concepts – liberty, freedom, equality, justices and rights –power authority and legitimacy new concepts feminism, multiculturalism, libertarianism, communitarianism, modernism, post modernism.

Textbooks

1. P Gauba: An introduction to political theory. Macmillan publishers India Ltd, Delhi, 2008
2. J C Johari: Principles of modern political science, sterling publishers, New Delhi, 2007
3. Urumila Sharma, S. K Sharma: Principles and theory in political science, Atlantic publishers & Dist, 2000

Reference

1. A Appadorai: The Substance of politics, Oxford university press, New Delhi, 1987
2. AC Kapoor: Principles of political science, S Chand & company, New Delhi, 1987
3. Alex Callinicos: Equality Cambridge, 2000
4. Amal Ray & Mohit Bhattacharya: political theory: Ideas and institutions, The world press Pvt Ltd Calcutta 1989
5. Andre Battelle: Ideology and social sciences, penguin books, New Delhi, 2006
6. Andrew Hacker: Political theory: philosophy, ideology, science, Macmillan Toronto, 1961
7. Anthony Arblaster: Democracy, open university press, Buckingham 1987
8. Baradat ,: Political ideologies , Their origins and impact, Prentice hall 2008
9. Earnest Barker: Principles of social and political theory ‘oxford university press London, 1961
10. Harlod J Laksi : A Grammer of Politics , S Chand & Company Ltd , New Delhi , 2000.
11. Harold D Lasswell & Abraham Kaplan: Power and Society, A Framework for Political Enquiry, Yale University Press 1950
12. Harold j laski: Liberty in the modern state , George Allen and unwin, London, 1922
13. L. T Hobhouse : The elements of social justice , George Allen and Unwin London, 1922

14. L. T Hobouse :, Liberalism, 65 Oxford university press, New York 1964
15. M.P Mathai : Mahatma Gandhi's world – view, Gandhi peace Foundation 2000
16. Norman P Barry : An Introduction to modern political theory , Macmillan London. 1989
17. Rajani Kothari : State and Nation building : A Third world perspective, Allied publishers, Bombay 1976
18. Sherman H .M Chang : The Marxian theory of state , Russell and Russell, New York, 1965
19. Thomas Janoski : Citizenship and civil society, Cambridge university press, 1998
20. V.I Lenin : The state and Revolution , progress publishers, MOSCOW, 1969

Course designed by: Aswathy T S

SEMESTER IV

CDPS402: INDIAN GOVERNMENT AND POLITICAL PROCESS

Credit: 4 **Total Hours: 108**

Course Outcomes

On the completion of the course students are able to

CO1: Interpret the historical development of constitutional jurisprudence and administrative statutes in India

CO2: Critique the structure and functioning of the system of government in India and appraise the conduct of local self-governments.

CO3: Relate various political agencies, redressal of citizens grievances and various Constitutional and Statutory Commissions of India.

CO4: Develop political consciousness and intellect to evaluate the public Administration mechanism and its integrity.

CO5: Interpret the functional values of human rights and avail oneself of the mechanisms for defending those rights

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	2	-	-	-	-	-	2	-	1	-
CO2	Analyze	2	-	-	-	-	-	2	-	1	-
CO3	Understand	2	-	-	-	-	-	2	-	-	-
CO4	Analyze	2	-	-	-	-	-	2	2	-	-
CO5	Analyze	2	-	-	-	-	-	2	-	-	1
	Average	**2**	**-**	**-**	**-**	**-**	**-**	**2**	**2**	**1**	**1**

Module 1: Indian Constitution- Genesis and Development (25 hours)

Philosophical and ideological base of the constitution of india, a brief introduction to constitutional development, government of india act. 1909, 1919, and 1935.

constituent assembly. salient features of the constitution. the preamble, fundamental rights and fundamental duties. directive principles of state policy.

major constitutional amendments procedure of amendment. important amendments: 42nd, 44th, 52nd, 73rd, 74th & 91st.

Module 2: Indian Government and Governance (35 hours)

Governmental structure - union and states - composition, powers, and functions.

Legislature, prime minister. chief minister, speaker powers and functions.

Executive judiciary– the president, vice-president, governor- powers and functions. judiciary: - supreme court, high courts district courts and subordinate courts. other agencies- interest groups, pressure groups, mass media, political parties and public opinion

Module 3: Politics and Public Administration (25 Hours)

Role of bureaucracy, financial administration –various stages of budget process democratic decentralization –Panchayati raj system, nagarpalika system redressal of citizens grievances - anti corruption mechanism -ombuds man, lokpal, lokayukta, central vigilance commission. right to information act- composition of central and state information commissions, time limit and fee, appeals and complaints. constitutional and statutory commissions national human rights commission, national women's commission, national minorities commission, finance commission, election commission of India, union public service commission, comptroller and auditor general of India, NITI Aayog.

Module 4: Human Rights in India (23Hours)

Human rights meaning evolution and importance. human rights in India – national and state human rights commission. role of supreme court ensuring human rights. role of UNO in world peace and environmental issues -. human rights in the era of globalization

Textbooks

1. D. D. Basu: Introduction to the Constitution of India, 22ndEdn, New Delhi, Lexis Nexis. 2015
2. M Laxmikanth: Publlic Administration, McGraw Hill Education, 2011.
3. M. Laxmikanth: India polity. McGraw –Hill Education India Pvt Chennai 2017
4. P Gauba: An introduction to political theory, Macmillan publishers India Ltd Delhi 2008

Reference

1. A Appadorai: The substance of politics, oxford university press India 2001
2. A C Kapoor: Principles of political science, S Chand & company, New Delhi 1987
3. Amal Ray and Mohit Bhattachariya : political theory : Ideas and institutions , The world press Pvt Calcutta 1989
4. Atul Kohi: The success of Indian democracy, Cambridge university press, 2001
5. Avasthi and Maheswari : Public administration , Sterling publishers , New Delhi 1998
6. B . L Faudia : India government and politics sahithya bhavan publications , Agra , 2007
7. D.D Basu : An introduction to the constitution of India , vikas publications New Delhi, 2003

8. Gail Om vedit : Dalit visions , orient Longman , New Delhi 2006
9. L.W Pye : Aspect of political system , little brown and company , Boston , 1966
10. M . V Pylee : an introduction to constitution of India vikas publications New Delhi 2003
11. M. Wenier : The Indian paradox , Essays in Indian politics : sage publications , New Delhi , 2008
12. Madhav gadgil Ramachandran Guha : ecology and equity , penguin books India ,New Delhi , 1995
13. Michael Rush: politics and society : An introduction to political sociology , Prentice Hall , 1922
14. P.S Ramakrishnan : Ecology and sustainable development : national book Trust India 2001
15. Peu Ghosh, Indian Government and Politics, New Delhi, PHI Pvt. Ltd. 2012
16. Prakash Chandra : Indian political system , Bookhives , New Delhi 1998
17. R. K Sapru : Development Sterling publishers , New Delhi , 1994
18. R. P Ramanan : Human rights : Essay on justification and applications , Chicago university press 1982
19. Rajeev Bhargava ed., Politics and Ethics of the Indian Constitution. Delhi: Oxford University Press. 2008
20. S C Dube : Modernization and development : In search for Alternative paradigm 69 united nations university , Tokiyo, 1989
21. S. P Naidu : Public administration : Concept and Theories , S Chand & company New Delhi 1998
22. V V Lipset : Politics and the social science , Oxford university New York 2008

COMMON COURSES IN ENGLISH FOR MODEL I BA/BSc PROGRAMMES

SEMESTER I

CCEN101: READING LITERATURE IN ENGLISH - I: POETRY AND DRAMA

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Explain the themes and ideas in the prescribed poems

CO2: Analyse the prescribed poems as social, cultural, and political documents

CO3: Describe the themes, plots, and characters in the prescribed One Act Plays.

CO4: Demonstrate the ability to relate literature with contemporary realities.

CO5: Stage short scenes from plays and recite poems.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	1	-	2	1	2	-	-
CO2	Apply	1	-	-	1	-	2	2	2	-	-
CO3	Understand	1	-	-	1	-	1	1	2	2	1
CO4	Analyze	1	-	-	1	-	1	1	2	1	1
CO5	Create	1	-	-	1	-	1	-	2	1	1
	Average	**1**	**-**	**-**	**1**	**-**	**1.4**	**1.25**	**2**	**1.33**	**1**

Module 1: Literature and Life **(18 Hours)**

1. William Shakespeare: Sonnet 1 - “From fairest creatures we desire increase”
2. John Donne: “Death Be Not Proud”
3. William Wordsworth: “The World is Too Much with Us”
4. Robert Frost: “The Road Not Taken”

Module 2: Literature and Love **(18 Hours)**

1. John Keats: “The Day is gone, and all its sweets are gone”
2. Elizabeth Barrett Browning: “How Do I Love Thee?”
3. Christina Rossetti: “I Loved You First…”
4. E E Cummings: “somewhere i have never travelled, gladly beyond”

Module 3: Literature and Social Issues **(18 Hours)**

1. Maya Angelou: “Still I Rise”
2. S Joseph: “My Sister’s Bible”
3. Kamala Das: “An Introduction”
4. Audre Lorde: “A Litany for Survival”

Module 4: Selections from Shakespeare **(18 Hours)**

1. *As You Like It* Act II Scene VII: "All the world's a stage."
2. *Julius Cesar* Act III, Scene II "Friends, Romans, Countrymen…"
3. *The Merchant of Venice* Act II Scene I "To bait fish withal…"
4. *Macbeth* Act V Scene V "She should have died hereafter…"

Module 5: One-Act Plays **(18 Hours)**

1. Gordon Daviot: "Remember Caesar"
2. Serafin Quintero, Joaquin Quintero: "A Sunny Morning"

Course designed by: Fr Jose Jacob

CCEN102: WRITINGS ON CONTEMPORARY ISSUES

Credit: 3 **Total Hours: 72**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Demonstrate their awareness of the secularism and diversity of India

CO2: Respond to contemporary environmental issues.

CO3: Describe the various human rights issues in the world.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	1	-	2	1	2	2	2
CO2	Apply	2	-	-	2	-	2	1	2	2	2
CO3	Understand	1	-	-	1	-	2	1	2	2	2
	Average	**1.33**	**-**	**-**	**1.33**	**-**	**2**	**1**	**2**	**2**	**2**

Module 1: Understanding India **(18 Hours)**

1. The Preamble to the Constitution of India
2. Rabindranath Tagore: "Where the mind is without fear" (*Gitanjali* Song 35)
3. Shashi Tharoor: "The Invention of India" (from *The Elephant, the Tiger & the Cellphone*: *Reflections on India, the Emerging 21st-century Power*)

Module 2: Environment **(18 Hours)**

1. Chief Seattle: "The end of living and the beginning of survival"
2. Rachel Carson: "The Obligation to Endure" (from *Silent Spring*)
3. Gerard Manley Hopkins: "Binsey Poplars"

Module 3: Issues Concerning Children, Women and the Elderly **(18 Hours)**

1. KailashSatyarthi: "Let Us Globalise Compassion and Set Our Children Free" (Nobel Lecture)
2. Anita Desai: "A Devoted Son"
3. Simon de Beauvoir: "The Coming of Age" (from Douglas Hunt, ed. *The Dolphin Reader*. Houghton Mifflin, 1990, pp. 829-35)

Module 4: Human Rights **(18 Hours)**

1. Martin Luther King: "I Have a Dream"
2. WamanNimbalkar: "Caste" (from *An Anthology of Dalit Literature: Poems*, edited by Eleanor Zelliot and Mulk Raj Anand, Gyan Pub. House, 1992, pp. 123)
3. Kalpana Jain: "Stigma, Shame and Silence" (from *Positive Lives: The Story of Ashok and Others with HIV*. Penguin, 2002)

Course designed by: Nithin Varghese

SEMESTER II

CCEN203: WRITING SKILLS

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Write short paragraphs observing the structural format.

CO2: Write letters and E-mails effectively.

CO3: Write a summary, précis or note based on given passages.

CO4: Write coherent essays of different types using appropriate cohesive devices.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	-	-	-	2	-	2	-	2	1	1
CO2	Apply	-	-	-	2	-	2	-	2	1	1
CO3	Apply	-	-	-	2	-	2	-	2	1	1
CO4	Apply	-	-	-	2	-	2	-	2	1	1
	Average	**-**	**-**	**-**	**2**	**-**	**2**	**-**	**2**	**1**	**1**

Module 1: Paragraph Writing **(18 Hours)**

1. Writing Process: Pre-Writing, Structure and Revision
2. Practising Paragraph Writing

Module 2: Informal and Formal Communication **(18 Hours)**

1. Informal Letters
2. Formal Letters
3. Business Letters
4. Writing E-mails

Module 3: Summary and Precis Writing **(18 Hours)**

1. Practising Summary writing
2. Practising Precis writing

Module 4: Note-Making **(18 Hours)**

1. Note-Making
2. Mind Mapping
3. Practising Note-Making

Module 5: Essay Writing **(18 Hours)**

1. Descriptive Essays
2. Narrative Essays

3. Cause-and-Effect Essays
4. Argumentative Essays

Course designed by: Dr Benny Mathew

CCEN204: READING LITERATURE IN ENGLISH - II: SHORT STORIES AND NOVEL

Credit: 3 **Total Hours: 72**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Demonstrate in writing their understanding of American and British short stories from different eras

CO2: Illustrate in writing their familiarity with short stories from non-Anglophone cultures from different eras

CO3: Identify the subtext and context of literary texts such as allegorical stories and novels

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Understand	1	-	-	1	-	1	-	2	1	1
CO2	Understand	1	-	-	1	-	1	-	2	1	1
CO3	Understand	1	-	-	1	-	1	-	2	1	1
	Average	**1**	**-**	**-**	**1**	**-**	**1**	**-**	**2**	**1**	**1**

Module 1: British and American Short Stories (18 Hours)

1. W Somerset Maugham: “The Verger”
2. Oscar Wilde: “The Nightingale and the Rose”
3. O Henry: “A Retrieved Reformation”

Module 2: Stories from Non-Anglophone Cultures (18 Hours)

1. Guy De Maupassant: “The Necklace”
2. Gabriel Garcia Marquez: “The Handsomest Drowned Man in the World”
3. Mulk Raj Anand: “The Barber’s Trade Union”

Module 3 & 4: Novel (36 Hours)

1. George Orwell: *Animal Farm*

Course designed by: Dr Vimal Mohan John

SEMESTER III

CCEN305: LIFE AND LITERATURE

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Analyse the significance of a pro-nature approach to life.

CO2: Critically respond to the nurturing attitudes to life through the reading of select texts

CO3: Respond critically to the diversity of the Indian state

CO4: Respond critically to the contemporary issues faced by independent India.

CO5: Present examples of inspiring models of human life from *their* experience.

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Analyse	1	-	-	1	-	2	1	2	2	2
CO2	Apply	1	-	-	1	-	2	1	2	2	2
CO3	Apply	1	-	-	1	-	2	1	2	2	2
CO4	Apply	1	-	-	1	-	2	1	2	2	2
CO5	Apply	1	-	-	1	-	2	-	2	2	2
	Average	**1**	**-**	**-**	**1**	**-**	**2**	**1**	**2**	**2**	**2**

Module 1: Nature **(18 Hours)**

1. Sanchari Pal: "The Inspiring Story of How Sikkim Became India's Cleanest State"
2. Sarah Joseph: "Hagar: A Story of a Woman and Water" (from *Gift in Green* [chapter 2])

Module 2: Nurture **(18 Hours)**

1. Bertrand Russel: "An Ideal Individual"
2. M K Gandhi: "Childhood" (from *An Autobiography or The Story of my Experiments with Truth)*
3. R. N. Roy: "Martin Luther King: A Peaceful Warrior"

Module 3: Culture **(18 Hours)**

1. Jawaharlal Nehru: "The Variety and Unity of India" (from *The Discovery of India*)
2. Mahasweta Devi: "Kunti and Nishadin"

Module 4: Governance **(18 Hours)**

1. RamachandraGuha: "A 50-50 Democracy" (Excerpts from "Epilogue" I and II, *India after Gandhi: The History of World's Largest Democracy.* Picador India, 2017, pp. 751-756)

2. Arundhati Roy: “Public Power in the Age of Empire” (Address at the annual meeting of the American Sociological Association on August 16, 2004)

Module 5: Life Narratives (18 Hours)

1. Helen Keller: “Three days to see”
2. Jessie Owens: “My Greatest Olympic Prize”
3. J K Rowling: “The Fringe Benefit of Failure, and the Importance of Imagination”

Course designed by: Rev. Dr Teddy C Anthappai

SEMESTER IV

CCEN406: ENGLISH FOR DEVELOPING JOB SKILLS

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Draft an effective job application and CV

CO2: Attend an interview with confidence and with clarity of purpose.

CO3: Articulate oneself in Group Discussions observing the etiquettes in language and manners

CO4: Summarize in words the key ideas from unknown passages, charts and graphs.

CO5: Apply their knowledge of English grammar in appropriate contexts

Course Mapping Table

	Cognitive Level	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
CO1	Apply	-	-	-	2	-	2	-	2	2	2
CO2	Apply	-	-	-	2	-	2	-	2	2	2
CO3	Apply	-	-	-	2	-	2	-	2	2	2
CO4	Apply	-	-	-	2	-	2	-	2	2	2
CO5	Apply	-	-	-	2	-	2	1	1	1	1
	Average	**-**	**-**	**-**	**2**	**-**	**2**	**1**	**1.8**	**1.8**	**1.8**

Module 1: Job Applications and CV **(18 Hours)**

1. Writing cover letter and application letter
2. Writing CV, Resume, Biodata

Module 2: Interview **(18 Hours)**

1. Interview language skills
2. Preparing for interview
3. Practising Interview

Module 3: Group Discussion **(18 Hours)**

1. Group Discussion: importance, GD etiquette, GD language
2. Doing GD

Module 4: English for Competitive Exams: Reading Comprehension **(18 Hours)**

1. Comprehending passages
2. Paraphrasing charts, graphs and answering questions

Module 5: English for Competitive Exams: Remedial Grammar **(18 Hours)**

1. Articles
2. Tenses: Past, Present and Future - Major uses

3. Subject-Verb agreement
4. Preposition
5. Reported Speech
6. Passive

Course designed by: Dr Raju Sebastian

COMMON COURSES IN MALAYALAM FOR MODEL I BA/BSc PROGRAMMES

SEMESTER I

CCMB101: ചെറുകഥാസാഹിത്യം

Credit: 4 **Total Hours: 72**

Course Outcomes

CO1: ചെറുകഥാസാഹിത്യത്തിന്റെ പ്രത്യേകതയും ഭാവുകത്വപരമായ പരിണാമവും മനസിലാക്കുന്നു.

CO2: ചെറുകഥയുടെ ആഖ്യാനശാസ്ത്രവും സൗന്ദര്യശാസ്ത്രവും കണ്ടെത്തുന്നു.

CO3: പ്രമേയസ്വീകരണത്തിലും ആഖ്യാനത്തിലും കഥാപാത്രനിർമിതിയിലും സംഭവിക്കുന്ന മാറ്റങ്ങളും നടത്തുന്ന പരീക്ഷണങ്ങളും മാതൃകകളിലൂടെ വിശകലനം ചെയ്യുന്നു

CO4: ഓരോ കാലഘട്ടത്തിന്റെയും ചരിത്ര-സാമൂഹികപശ്ചാത്തലത്തോട് ചെറുകഥാസാഹിത്യം എങ്ങനെ പ്രതികരിച്ചുവെന്ന് തിരിച്ചറിയുന്നു

CO5: മലയാളിയുടെ ജീവിതബോധത്തെയും മൂല്യസങ്കല്പങ്ങളെയും രൂപപ്പെടുത്തുന്നതിൽ ചെറുകഥകൾ വഹിച്ച പങ്കിനെ വിമർശനാത്മകമായി വിലയിരുത്തുന്നു.

മൊഡ്യൂൾ ഒന്ന്: ചെറുകഥ: ആരംഭഘട്ടം - നവോത്ഥാനഘട്ടം (18 മണിക്കൂർ)

1.1. ചെറുകഥയുടെ സവിശേഷതകൾ, ആദ്യകാലചെറുകഥകൾ

1.2. നവോത്ഥാന കഥകൾ: സാമൂഹികത – ദേശീയത

1.3. പുരോഗമനസാഹിത്യം, റിയലിസം

1.4. വിശദപഠനം: വെള്ളപ്പൊക്കത്തിൽ - തകഴി ശിവശങ്കരപ്പിള്ള

1.5. വിശദപഠനം: ശബ്ദിക്കുന്ന കലപ്പ - പൊൻകുന്നം വർക്കി

1.6. വിശദപഠനം: ഒരു മനുഷ്യൻ - വൈക്കം മുഹമ്മദ് ബഷീർ

1.7. വിശദപഠനം: മോതിരം - കാരൂർ നീലകണ്ഠപ്പിള്ള

മൊഡ്യൂൾ രണ്ട്: വ്യക്തികേന്ദ്രീകൃത കഥകൾ - കാല്പനികത (18 മണിക്കൂർ)

2.1. ആഖ്യാനത്തിലെ പുതുസങ്കല്പനങ്ങൾ

2.2. പ്രണയം, രതി, കുടുംബം - പുനർവായനകൾ

2.3. രാഷ്ട്രീയ-പ്രത്യയശാസ്ത്ര പ്രതിസന്ധികൾ

2.4. വിശദപഠനം: മഖൻസിങ്ങിന്റെ മരണം –ടി പത്മനാഭൻ

2.5. വിശദപഠനം: നിന്റെ ഓർമയ്ക്ക് – എം ടി വാസുദേവൻ നായർ

2.6. വിശദപഠനം: തുക്കുമരങ്ങൾ ഞങ്ങൾക്ക് – എം സുകുമാരൻ

2.7. വിശദപഠനം: കോലാട് - മാധവിക്കുട്ടി

മൊഡ്യൂൾ മൂന്ന്: ആധുനികഘട്ടം (18 മണിക്കൂർ)

3.1. ആധുനികതയുടെ ഭാവുകത്വം – പ്രത്യേകതകൾ, ദർശനാഭിമുഖ്യങ്ങൾ

3.2. കഥാപാത്രം, ഭാഷ, ആഖ്യാനം എന്നിവയിലെ പരീക്ഷണങ്ങൾ

3.3. രാഷ്ട്രീയാധുനികത, നഗരവത്കരണം – അപമാനവികത; ആധുനികതയുടെ അപചയം

3.4. വിശദപഠനം: മുടിത്തെയ്യമുറയുമ്പോൾ - സാറാ ജോസഫ്

3.5. വിശദപഠനം: ഫോട്ടോ – എം മുകുന്ദൻ

3.6. വിശദപഠനം: കടൽത്തീരത്ത് – ഒ വി വിജയൻ

3.7. വിശദപഠനം: ഹിഗ്വിറ്റ - എൻ എസ് മാധവൻ

മൊഡ്യൂൾ നാല്: ആധുനികാനന്തരഘട്ടം (18 മണിക്കൂർ)

4.1. ആഗോളവത്കരണവും കമ്പോളവത്കരണവും ,മാധ്യമസംസ്കാരം, ഉപഭോഗസംസ്കാരം

4.2. കീഴാള-പാരിസ്ഥിതിക പ്രത്യയശാസ്ത്രങ്ങളുടെ സാന്നിധ്യം

4.3. ലിംഗരാഷ്ട്രീയം, സ്ത്രീപക്ഷരചനകൾ; സൈബർ ഭാവന

4.4. വിശദപഠനം: ഭാരതമാതാവ് - വി പി ശിവകുമാർ

4.5. ഘടികാരങ്ങൾ നിലയ്ക്കുന്ന സമയം - സുഭാഷ് ചന്ദ്രൻ

4.6. ബിരിയാണി - സന്തോഷ് ഏച്ചിക്കാനം

4.7. മോസ്ഥിതനായങ്ങുവസിപ്പൂ മലപോലെ – എസ് ഹരീഷ്

Reference

1. എം അച്യുതൻ, ചെറുകഥ ഇന്നലെ ഇന്ന്, എസ് പി സി എസ്, കോട്ടയം.
2. വി രാജകൃഷ്ണൻ, ചെറുകഥയുടെ ഛന്ദസ്സ്, ഡി സി ബുക്ക്സ്, കോട്ടയം.
3. കെ എസ് രവികുമാർ, ചെറുകഥ വാക്കും വഴിയും, കറന്റ് ബുക്ക്സ്, തൃശ്ശൂർ.
4. ജി മധുസൂദനൻ (എഡി), ഹരിതനിരൂപണം മലയാളത്തിൽ, കറന്റ് ബുക്ക്സ്, തൃശ്ശൂർ.
5. കെ പി അപ്പൻ, ചെറുകഥ: ആഖ്യാനവും അനുഭവസത്തയും, ഡി സി ബുക്ക്സ്, കോട്ടയം
6. പി കെ രാജശേഖരൻ, ഏകാന്തനഗരങ്ങൾ, ഡി സി ബുക്ക്സ്, കോട്ടയം

Course designed by: ഡോ സണ്ണി സെബാസ്റ്റ്യൻ

SEMESTER II

CCMB202: കവിതാസാഹിത്യം

Credit: 4 **Total Hours: 72**

Course Outcomes

CO1: കവിതാസാഹിത്യത്തിന്റെ പ്രത്യേകതയും ഭാവുകത്വപരമായ പരിണാമവും മനസിലാക്കുന്നു.

CO2: സാമൂഹികാവബോധവും പാരിസ്ഥിതികാവബോധവും എപ്രകാരമാണ് സന്ധിചെയ്യപോകുന്നതെന്ന് കണ്ടെത്തുന്നു.

CO3: പ്രണയം, സ്നേഹം തുടങ്ങിയ വികാരങ്ങളുടെ സൂക്ഷ്മാവസ്ഥകളെ എപ്രകാരം കവിത അടയാളപ്പെടുത്തുന്നു എന്ന് തിരിച്ചറിയുന്നു.

CO4: ഓരോ കാലഘട്ടത്തിന്റെയും ചരിത്ര-സാമൂഹികപശ്ചാത്തലത്തോടും നവോത്ഥാന ആധുനിക മാറ്റങ്ങളോടും കൃതികൾ എങ്ങനെ പ്രതികരിക്കുന്നു എന്ന് വിലയിരുത്തുന്നു.

CO5: മലയാളിയുടെ ജീവിതബോധത്തെയും മൂല്യസങ്കല്പങ്ങളെയും രൂപപ്പെടുത്തുന്നതിൽ കൃതികൾ വഹിച്ച പങ്കിനെയും കീഴാളസാഹിത്യ ഇടപെടലുകളെയും വിമർശനാത്മകമായി വിലയിരുത്തുന്നു.

മൊഡ്യൂൾ ഒന്ന്: പരിസ്ഥിതി (18 മണിക്കൂർ)

1.1. പാരിസ്ഥിതികാവബോധം

1.2. ആധുനികതയും ആഗോളവത്കരണവും പ്രകൃതിയും

1.3. സൂക്ഷ്മജീവികളും സൂക്ഷ്മലോകവും കവിതയിൽ

1.4. വിശദപഠനം: കുറ്റിപ്പുറം പാലം- ഇടശ്ശേരി ഗോവിന്ദൻ നായർ

1.5. വിശദപഠനം: ശാർങ്ഗകപ്പക്ഷികൾ - ഒ എൻ വി കുറുപ്പ്

1.6. വിശദപഠനം: കൊച്ചിയിലെ വൃക്ഷങ്ങൾ - കെ ജി ശങ്കരപ്പിള്ള

1.7. വിശദപഠനം: കാറ്റേ കടലേ – പി പി രാമചന്ദ്രൻ

മൊഡ്യൂൾ രണ്ട്: പ്രണയം (18 മണിക്കൂർ)

2.1. പ്രണയസങ്കല്പങ്ങൾ

2.2. കാളിദാസന്റെയും ആശാന്റെയും പ്രണയസങ്കല്പം

2.3. ആത്മീയതയും പ്രണയവും

2.4. വിശദപഠനം: ലീല - കുമാരനാശാൻ(സർഗം 3, ആദ്യ 15 ശ്ലോകങ്ങൾ)

2.5. വിശദപഠനം: ആത്മരഹസ്യം - ചങ്ങമ്പുഴ

2.6. വിശദപഠനം: സഫലമീയാത്ര - എൻ എൻ കക്കാട്

2.7. വിശദപഠനം: കറുത്തനട്ടുച്ച - കുരീപ്പുഴ ശ്രീകുമാർ

മൊഡ്യൂൾ മൂന്ന്: പാർശ്വം (18 മണിക്കൂർ)

3.1. മുഖ്യവും പാർശ്വവും -പാർശ്വവത്കൃതർ

3.2. ദളിത് കാവ്യദർശനം

3.3. ഫെമിനിസം, എക്കോഫെമിനിസം

3.4. വിശദപഠനം: മാണിക്കംപെണ്ണ് (എന്ത് ശ്രുത്തി ഏത് ശ്രുത്തി) – മറിയാമ്മച്ചേടത്തി

3.5. വിശദപഠനം: കാക്ക - വൈലോപ്പിള്ളി ശ്രീധരമേനോൻ

3.6. വിശദപഠനം: കുറുപ്പിനെ വാഴ്ത്തുന്നവരോട് -എം ബി മനോജ്

3.7. വിശദപഠനം: കൈക്കലത്തുണികൾ - വിജില ചിറപ്പാട്

മൊഡ്യൂൾ നാല്: പ്രതിരോധം (18 മണിക്കൂർ)

4.1. മാനവികത, നവോത്ഥാനം, കൊളോണിയലിസം, ആഗോളവത്കരണം

4.2. ലിംഗം, ഭാഷ, സംസ്കാരം, സ്വത്വം -പ്രതിരോധങ്ങൾ, ബഹുസ്വരത

4.3. ഭരണകൂടവും പ്രതിരോധവും, അടിയന്തരാവസ്ഥ

4.4. വിശദപഠനം: കുറത്തി – കടമ്മനിട്ട രാമകൃഷ്ണൻ

4.5. വിശദപഠനം: മനുഷ്യന്റെ കൈകൾ - ബാലചന്ദ്രൻ ചുള്ളിക്കാട്

4.6. വിശദപഠനം: സത്യവാങ്മൂലം - സച്ചിദാനന്ദൻ

4.7. വിശദപഠനം: മലയാളകവിതയ്ക്ക് ഒരു കത്ത് – എസ് ജോസഫ്

Reference

1. കെ സച്ചിദാനന്ദൻ, മലയാള കവിതാപഠനങ്ങൾ, മാതൃഭൂമി, കോഴിക്കോട്.
2. ഡോ എം ലീലാവതി, മലയാളകവിതാസാഹിത്യചരിത്രം, കേരള സാഹിത്യ അക്കാദമി, തൃശ്ശൂർ.
3. ഡോ സി ആർ പ്രസാദ്, ആധുനികാനന്തര മലയാളകവിത, റെയിൻബോ.
4. എൻ അജയകുമാർ, ആധുനികത മലയാളകവിതയിൽ, എസ് പി സി എസ്, കോട്ടയം

Course designed by: ഡോ സണ്ണി സെബാസ്റ്റ്യൻ

SEMESTER III

CCMB303: ദൃശ്യകലാസാഹിത്യം

Credit:4 **Total Hours: 90**

Course Outcomes

CO1: കഥകളി, നാടകം, സിനിമ എന്നീ കലാരൂപങ്ങളെയും അവയുടെ സാഹിത്യപാഠങ്ങളെയും ചേർത്തുവെച്ച് നിരൂപിക്കുന്നു.

CO2: കേരളത്തിലെ ദൃശ്യകലാസംസ്കാരത്തിന്റെ സമ്പന്നതയും വൈവിധ്യവും മനസിലാക്കുന്നു

CO3: കേരളത്തിന്റെ സാംസ്കാരികജീവിതത്തെ ഈ ദൃശ്യകലകളും അവയുടെ സാഹിത്യവും എങ്ങനെ സ്വാധീനിക്കുന്നുവെന്ന് തിരിച്ചറിയുന്നു

CO4: ദൃശ്യകലകളുടെ ചരിത്രത്തെക്കുറിച്ച് ധാരണ നേടുന്നു

CO5: നാടകരചന, തിരക്കഥാരചന തുടങ്ങി കലകളുടെ ക്രിയാത്മകാവിഷ്കാരത്തിന് ആവശ്യമായ അറിവ് നേടുന്നു.

മൊഡ്യൂൾ ഒന്ന്: ഭാരതീയ നാടകപാരമ്പര്യം (18 മണിക്കൂർ)

1.1. നാടകലക്ഷണം, സംസ്കൃത നാടകകാരൻമാർ

1.2. കാളിദാസന്റെ കാവ്യലോകം

1.3. അഭിജ്ഞാനശാകുന്തളവും മഹാഭാരതത്തിലെ ശാകുന്തളോപാഖ്യാനവും

1.4. അഭിജ്ഞാനശാകുന്തളം – കഥാപാത്രങ്ങൾ

1.5. അഭിജ്ഞാനശാകുന്തളം – കാവ്യകൽപനകൾ, ദർശനതലം

1.6. വിശദപഠനം: മലയാളശാകുന്തളം (മൂന്ന്, നാല് അങ്കങ്ങൾ) – എ ആർ രാജരാജവർമ്മ

മൊഡ്യൂൾ രണ്ട്: യവനനാടകപാരമ്പര്യം (18 മണിക്കൂർ)

2.1. യവനനാടകപാരമ്പര്യം - സോഫൊക്ലീസ്, യൂറിപ്പിഡിസ്, ഈസ്കിലസ്

2.2. ട്രാജഡി – അരിസ്റ്റോട്ടിലിന്റെ നിർവചനം, ട്രാജഡിയുടെ ഘടകങ്ങൾ- പ്രയോജനം

2.3. വിശദപഠനം: മീഡിയ – യൂറിപ്പിഡിസ്

2.4. മീഡിയ – കഥാപാത്രങ്ങൾ

2.5. മീഡിയ – ജീവിതദർശനം

2.6. മീഡിയ – ഇതിവൃത്തസവിശേഷത

മൊഡ്യൂൾ മൂന്ന്: മലയാള നാടകപാരമ്പര്യം (18 മണിക്കൂർ)

3.1. പ്രധാന നാടകകാരന്മാർ, കൃതികൾ

3.2. സി എൻ ശ്രീകണ്ഠൻ നായർ - രാമായണനാടകത്രയം

3.3. വിശദപഠനം: ലങ്കാലക്ഷ്മി (സി എൻ ശ്രീകണ്ഠൻ നായർ)

3.4. ലങ്കാലക്ഷ്മി – ഇതിവൃത്തസവിശേഷത

3.5. ലങ്കാലക്ഷ്മി – കഥാപാത്രങ്ങൾ

3.6. ലങ്കാലക്ഷ്മി – ജീവിതദർശനം

മൊഡ്യൂൾ നാല്: ആട്ടക്കഥ (18 മണിക്കൂർ)

4.1. കഥകളിയും ആട്ടക്കഥയും – ഉത്ഭവവികാസങ്ങൾ

4.2. ആട്ടക്കഥാസാഹിത്യത്തിന്റെ സവിശേഷത

4.3. ഉണ്ണായി വാര്യരുടെ കവിവ്യക്തിത്വം – നളചരിതത്തിന്റെ അനന്യത

4.4. വിശദപഠനം: നളചരിതം ആട്ടക്കഥ രണ്ടാം ദിവസം (ആദ്യത്തെ അഞ്ചു രംഗങ്ങൾ)

4.5. നളചരിതം – കഥാപാത്രങ്ങൾ

4.6. നളചരിതം – കാവ്യകല്പനകൾ

4.7. നളചരിതം – ജീവിതദർശനം

മൊഡ്യൂൾ അഞ്ച്: ചലച്ചിത്രപാരമ്പര്യം (18 മണിക്കൂർ)

5.1. ചലച്ചിത്രകലയുടെ ഉദയവികാസങ്ങൾ

5.2. മലയാളസിനിമയുടെ വികാസപരിണാമങ്ങൾ, പ്രധാന ചലച്ചിത്രകാരന്മാർ, ചലച്ചിത്രങ്ങൾ

5.3. മലയാളത്തിലെ പുതുതലമുറസിനിമ – സവിശേഷതകൾ

5.4. വിശദപഠനം : ട്രാഫിക്(തിരക്കഥ)- ബോബി, സഞ്ജയ്

5.5. ട്രാഫിക് – ആഖ്യാന സവിശേഷത

5.6. ട്രാഫിക് – സമീപന സവിശേഷതകൾ

Reference

1. ആട്ടക്കഥാസാഹിത്യം – അയ്മനം കൃഷ്ണക്കൈമൾ
2. മലയാളനാടകവേദിയുടെ കഥ - മടവൂർ ഭാസി
3. മലയാളനാടകസാഹിത്യചരിത്രം – ജി ശങ്കരപിള്ള
4. മലയാളസിനിമയുടെ കഥ – വിജയകൃഷ്ണൻ

5. ന്യൂ ജനറേഷൻ സിനിമ – ജോസ് കെ മാനുവൽ

Course designed by: ശ്രീ അജീഷ് തോമസ്

SEMESTER IV

CCMB404: ഗദ്യസാഹിത്യം

Credit: 4 **Total Hours: 90**

Course Outcomes:

CO1: വിവിധ ഗദ്യവ്യവഹാരങ്ങളെ തിരിച്ചറിഞ്ഞ് വിവിധ ഗദ്യവ്യവഹാരങ്ങളെ തിരിച്ചറിയുന്നു

CO2: അന്തർവൈജ്ഞാനിക ധാരണകൾ സ്വായത്തമാക്കുന്നു വിവിധ വിജ്ഞാന-മേഖലകളുമായി ബന്ധപ്പെട്ട ധാരണ നേടുന്നു

CO3: രചനയുമായി ബന്ധപ്പെട്ട പ്രശ്നങ്ങൾ പരിഹരിച്ച് ഭാഷാപ്രയോഗത്തിന്റെ സാധ്യതകളെ മനസ്സിലാക്കി മികച്ച ആശയപ്രകാശനശേഷി നേടുന്നു

CO4: വിവർത്തനത്തിന്റെ പ്രാഥമികപാഠങ്ങൾ മനസ്സിലാക്കി വിവർത്തനത്തിൽ ഏർപ്പെടുവാനുള്ള ശേഷി ആർജിക്കുന്നു

CO5: നോവലെന്ന സാഹിത്യരൂപത്തെ മനസ്സിലാക്കി ആസ്വാദനശേഷി കൈവരിക്കുന്നു

മൊഡ്യൂൾ ഒന്ന്: ഗദ്യസാഹിത്യമാതൃകകൾ (18 മണിക്കൂർ)

1.1. ഗദ്യസാഹിത്യം, ഗദ്യസാഹിത്യരൂപങ്ങൾ

1.2. മിത്തും ചരിത്രവും

1.3. വിശദപഠനം: പരശുരാമനെ തേടി – എം ആർ രാഘവ വാര്യർ, രാജൻ ഗുരുക്കൾ

1.4. സഞ്ചാരസാഹിത്യം

1.5. വിശദപഠനം: ഓ സോളേമിയ - രവീന്ദ്രൻ

1.6. ജീവചരിത്രം, ആത്മകഥ

1.7. വിശദപഠനം: മിതാവാദി സി കൃഷ്ണൻ - എം കെ സാനു

മൊഡ്യൂൾ രണ്ട്: നിരൂപണ മാതൃകകൾ (18 മണിക്കൂർ)

2.1. സാഹിത്യനിരൂപണം, സാഹിത്യനിരൂപണം മലയാളത്തിൽ

2.2. മലയാളനിരൂപകർ: സാമാന്യപരിചയം

2.3. വിശദപഠനം: ജീവിതമെന്ന ചതുരംഗം - കെ പി അപ്പൻ

2.4. കവിതാനിരൂപണം

2.5. വിശദപഠനം: കൂടിയൊഴിക്കൽ - പ്രൊഫ എം എൻ വിജയൻ

2.6. സിനിമാനിരൂപണം, സിനിമാനിരൂപകർ: സാമാന്യപരിചയം

2.7. വിശദപഠനം: അരവിന്ദന്റെ എസ്കപ്പാൻ - ഒ കെ ജോണി

മൊഡ്യൂൾ മൂന്ന്: വിവിധ വിജ്ഞാനമേഖലാപഠനങ്ങൾ (18 മണിക്കൂർ)

3.1. ഇതര വിജ്ഞാനമേഖലകളും ഗദ്യസാഹിത്യവും, അന്തർവൈജ്ഞാനിക നിരൂപണം

3.2. മാധ്യമനിരൂപണം

3.3. വിശദപഠനം: ടെലിവിഷൻ യുദ്ധങ്ങൾ - ഷാജി ജേക്കബ്

3.4. ഭാഷാ-സംസ്കാരപഠനം

3.5. വിശദപഠനം: ഭാഷയും അധിനിവേശവും - പ്രദീപൻ പാമ്പിരിക്കുന്ന്

3.6. സമൂഹം, ദേശം, രാഷ്ട്രം

3.7. വിശദപഠനം: ആൾക്കൂട്ടങ്ങൾ പിരിഞ്ഞുപോകുമ്പോൾ - ടി ടി ശ്രീകുമാർ

മൊഡ്യൂൾ നാല്: നോവൽ പരിചയം (18 മണിക്കൂർ)

4.1. നോവൽ എന്ന സാഹിത്യരൂപം

4.2. നോവൽ പ്രസ്ഥാനത്തിന്റെ ഉദയം, പശ്ചാത്തലം

4.3. നോവൽപ്രസ്ഥാനം മലയാളത്തിൽ - സാമാന്യപരിചയം

4.4. എം മുകുന്ദൻ

4.5. വിശദപഠനം: ഒരു ദളിത് യുവതിയുടെ കദനകഥ - എം മുകുന്ദൻ

മൊഡ്യൂൾ അഞ്ച്: രചനാപരിശീലനം (18 മണിക്കൂർ)

5.1. ഉപന്യാസരചനാതത്വങ്ങൾ

5.2. ആശയവിപുലനം

5.3. പദശുദ്ധി

5.4. പദഘടന

5.5. വാക്യരചന

5.6. വാക്യദോഷങ്ങൾ

5.7. തർജ്ജമ

Reference

1. എം എൻ കാരശ്ശേരി, തെളിമലയാളം, ഡി സി ബുക്ക്സ്, 2017.

2. ഡോ കെ എം ജോർജ്(എഡി), ആധുനിക മലയാളസാഹിത്യചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ, ഡി സി ബുക്ക്സ്, 2011.

Course designed by: ഡോ റെസ്സി മറിയം മാത്യു

COMMON COURSES IN HINDI FOR MODEL I BA/BSc PROGRAMMES

SEMESTER I

CCHB101: PROSE AND ONE-ACT PLAYS

Credit: 4 **Total Hours: 72**

Course Outcomes

At the end of the course, students shall be able to:

CO1: Appreciate Hindi literature.

CO2: Analyse the different aspects of prose.

CO3: Analyse the main trends and aspects of theatre.

Module 1: Prose **(18 Hours)**

1. Dr Kishori Lal Vyas: "Aayiye, hum Vriksh Devta ki Aaradhana Kare"
2. Vijay Kumar Sandesh: "Himachadit Uthung Shikhar aur Dhuli Hariyai"

Module 2: Prose **(18 Hours)**

1. Usha Bala: "Kaphan Chor ka Beta"
2. A P J Abdul Kalam: "Jab Mei Fail Hua"

Module 3: One-Act Plays **(18 Hours)**

1. Mamta Kaliya: "Jaan se Pyare"
2. Vinod Rastogi: "Bahu Ki Vidaa"

Module 4: One-Act Plays **(18 Hours)**

1. G J Harijeeth: "Sati"
2. Surendra Varma: "Hari Ghas Par Ghante Bhar"

Textbook

1. *Sahitya Darpan*, Rajpal & Sons, New Delhi, 2021

Course designed by: Dr Roy Joseph

SEMESTER II

CCHB202: SHORT STORIES AND NOVEL

Credit: 4 **Total Hours: 72**

Course outcomes

At the end of the course, students shall be able to:

CO1: Critically analyse literary texts.

CO2: Analyse the different aspects and styles of short stories.

CO3: Develop an understanding of how novel can be used to communicate ideas.

Module 1: Short Stories **(18 Hours)**

1. Premchand: "Idgaah"
2. Gyanaranjan: "Amrood ka Ped"
3. Swayam Prakash: "Jangal ka Daah"

Module 2: Short Stories **(18 Hours)**

1. Usha Priyamvada: "Chutti ka Din"
2. Kailas Banvasi: "Bazar Mein Ramdhan"
3. Kumar Ambuj: "Maa Rasoyi Mein Rahati Hai"

Module 3 & 4: Novel **(36 Hours)**

1. Ravindra Kaliya: *A, B, C, D*

Textbooks

1. *Katha Sansar,* Vani Prakashan, New Delhi, 2017
2. Ravindra Kaliya: *A, B, C, D,* Vani Prakashan, New Delhi, 2016

Course designed by: Dr Roy Joseph

SEMESTER III

CCHB303: POETRY, GRAMMAR AND TRANSLATION

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course, students shall be able to:

CO1: Appreciate ancient, medieval and modern Hindi poetry

CO2: Develop grammatical proficiency in Hindi

CO3: Develop proficiency by the usage of correct grammar in the translation process.

Module 1: Poetry - 1 **(18 Hours)**

1. Kabirdas: “Doha” (4)
2. Tulsidas: “Pada” (2)
3. Mahadevi Varma: “Veh Muskurate bhool nahi”
4. Dhoomil: “Khevali”

Module 2: Poetry - 2 **(18 Hours)**

1. Sarveshwar Dayal Saksena: “Cheenane Aaye Hai Veh”
2. Gyanendrapati: “Azadi Urph Gulami”
3. Arun Kamal: “Sabooth”
4. Kumal ViKal: “Dilli Darvaza”

Module 3: Poetry - 3 **(18 Hours)**

1. Vinod Kumar Shukla: “Jangal ke Ujaad Mei”
2. Rajesh Joshy: “Beesvim Sadi ke Anthim Dinom ka ek Aaschary”
3. Ekanth Srivastva: “Tande Paani ki Machine”
4. Kumar Ambuj: “Ache Aadmi”

Module 4: Grammar **(18 Hours)**

1. Shabdha vichar, Sagya, Ling, Vachan, Karak, Sarvanam, Visheshan, Kriya

Module 5: Translation **(18 Hours)**

1. Anuvad – (Hindi to English) – Practical Module

Textbooks

1. *Kavyakusum,* Aman Prakashan, Kanpur, 2018
2. *Samanya Hindi Vyakaran Thatha Rachana*, Vani Prakashan, New Delhi, 2018

Course designed by: Dr Roy Joseph

SEMESTER IV

CCHB404: DRAMA AND LONG POEM

Credit: 4 **Total Hours: 90**

Course Outcomes

At the end of the course, students shall be able to:

CO1: Understand and appreciate Hindi theatre

CO2: Critically appreciate epic poetry.

Module 1 & 2 Drama **(36 Hours)**

1. Mohan Rakesh: “Ashad ka ek Din”

Module 3: Long Poem - 1 **(18 Hours)**

1. Nilesh Raghuvanshi: “Dhaaba”
2. Agnisekhar: “Javahar Tunnel”

Module 4: Long Poem - 2 **(18 Hours)**

1. Umashankar Chaudhari: “Shahjehan ki Neend”

Module 5: Long Poem - 3 **(18 Hours)**

1. Nirmala Putul: “Ithni door math byahana baba”

Textbooks

1. Ashad ka ek Din, Rajpal & Sons, New Delhi, 2019
2. *Paanch Lambi Kavithayem*, Vani Prakashan, New Delhi, 2018

Course designed by: Dr Roy Joseph

COMMON COURSES IN SYRIAC FOR MODEL I BA/BSc PROGRAMMES

SEMESTER I

CCSB101: POETRY, GRAMMAR & HISTORY OF SYRIAC LANGUAGE & LITERATURE

Credit: 4 **Total Hours: 72**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Learn and write the different scripts.

CO2: Describe and compare the works of early Syriac writers.

CO3: Write and construct small Syriac sentences.

CO4: Recite poetry.

Module 1: History of Syriac Language and Literature (9 Hours)

1. Origin and development of Syriac language
2. Development of vowel system Greek and Dot systems
3. Different scripts- Estrangala, East Syriac and West Syriac
4. Early literature (from 1st to 4th centuries)
5. The Golden Age (from 5th to 9th centuries)
6. Age of declension (from 9th to 13th centuries)
7. Dormant period and Renascence (from 14th to 21st centuries)
8. Themes and purposes of Syriac poetry

Module 2: Early Syriac Writings (9 Hours)

1. Peshitta
2. Diatessaron
3. Demonstrations
4. Act of Thomas
5. Odes of Solomon

Module 3: Grammar (36 Hours)

1. Noun and Pronoun
2. Pronominal Suffixes (first and third group only)
3. Numerals
4. Conjugation of Verbs- Perfect tense
5. Orthographical Specialties

6. Case Letters
7. Adverb and Adjective

Module 4: Poetry **(18 Hours)**

1. Song of Repentance
2. Farewell
3. The Custody of Senses
4. On Fasting

Reference

1. Mar Aprem Theologian & Poet – Mar Aprem
2. The Odes of Solomon – GieVleugels& Martin Webber
3. The New Syriac Primer – George Anton Kiraz
4. Collection of Syriac Gems – Fr. Thomas William CMI
5. Suriayani Bhasha Praveshika – Fr. Abraham Konatt
6. A Brief Outline of Syriac Literature – Sebastian Brock
7. Scattered Pearls - Patriarch Ignatius Aphrem I Barsoum
8. The Syriac Language and Literature - Fr Romeo Thomas TOCD
9. Aramaic Grammar Vol I and II - Fr Thomas Arayathinal
10. The Harp Vol XXXII 2017

SEMESTER II

CCSB202: HYMNODY, GRAMMAR & HISTORY OF SYRIAC LANGUAGE AND LITERATURE

Credit: 4 **Total Hours: 72**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Write and construct small sentences

CO2: Recite poetry

CO3: Describe and compare the works

CO4: Analyze the texts

Module 1: Life and Works of Early Syriac Writers (6 Hours)

1. Ephrem
2. Aphrat
3. Bardeisan

Module 2: Life and Works of East and West Syriac Writers (12 Hours)

1. Narsai
2. Ishoyab III
3. Abdisho of Soba
4. Mar Jacob o Serugh
5. Balai
6. Bar Hebraeus

Module 3: Grammar (18 Hours)

1. Plural pronominal suffixes
2. Prepositions (first and second groups)
3. Conjugation (Future tense)
4. States of noun

Module 4: Poetry (36 Hours)

1. Pride and humility
2. Stray Gems
3. There should be no weeping about the dead
4. The good shepherd

Reference

1. The History of Syriac Literature and Sciences – Patriarch Aphrem Barsoum
2. Syriac Chaldaic Grammar – Fr. Gabriel of St. Joseph T.O.C.D.
3. A Brief Outline of Syriac Literature – Sebastian Brock
4. Collection of Syriac Gems – Fr. Thomas William CMI
5. Robinson's Paradigms and Exercises in Syriac Grammar – J.F. Coakley
6. The New Syriac Primer – George Anton Kiraz
7. Suriayani Bhasha Praveshika – Fr. Abraham Konatt
8. The Syriac Language and Literature - Fr Romeo Thomas TOCD
9. Aramaic Grammar Vol I and II - Fr Thomas Arayathinal
10. The Harp Vol XXXII 2017

SEMESTER III

CCSB303: PROSE, GRAMMAR & HISTORY OF SYRIAN CHURCH IN INDIA

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Construct and apply the phrases and usages

CO2: Categorize the secular literature

CO3: Translate and analyzing the text

CO4: Compare and describe the Syriac traditions

Module 1: History of Syrian Church in India **(9 Hours)**

1. Syriac church in Pre- Portuguese period
2. Diampor synod
3. Koonan cross oath and its after effects
4. Latin rule over Syrian community

Module 2: Syriac Scholars of Modern Era **(9 Hours)**

1. Assemani
2. Paul Bedjan
3. Sebastian Brock

Module 3: Grammar **(36 Hours)**

1. P Conjugation of verbs- passive voice (perfect)
2. Present participle
3. Conjunction- interjection
4. Parsing of words

Module 4: Prose Texts **(36 Hours)**

1. Sermon on the mount
2. Old and new law
3. On charity, prayer and fasting
4. Parables about kingdom of heaven

Reference

1. The History of Alexander the Great – E. A. W. Budge
2. Bar Hebraeus : A Bio-Bibliography – Hidemi Takahashi
3. A Brief Outline of Syriac Literature – Sebastian Brock
4. The History of Syriac Literature and Sciences –Patriarch AphremBarsoum
5. The Syriac New Testament
6. SuriayaniBhasha Praveshika – Fr. Abraham Konatt
7. The Syriac Language and Literature - Fr Romeo Thomas TOCD
8. Aramaic Grammar Vol I and II - Fr Thomas Arayathinal
9. The Harp Vol XXXII 2017

SEMESTER IV

CCSB404: PROSE, GRAMMAR & SYRIAC HERITAGE OF KERALA

Credit: 4 **Total Hours: 90**

Course Outcomes

On successful completion of the course, students shall be able to:

CO1: Write and construct the small sentences.

CO2: Categorize the secular literature.

CO3: Translate and analyzing the text.

CO4: Compare and describe the Syriac traditions.

Module 1: Syrian Churches in India **(9 Hours)**

1. Syro Malabar Church
2. Syrian Orthodox and Orthodox Syrian Churches
3. Malabar Independent Syrian Church
4. Malankara Marthoma Syrian Church
5. Malankara Catholic Church
6. Church of the East

Module 2: Great Malpans of Kerala **(9 Hours)**

1. Kuriakose Elias Chavara
2. Kalapurackal Anthrayos Malpan
3. Placidachan
4. Malpan John Bosco Thottakkara(Guru Yohend)
5. Mar Joseph Kariyattil
6. Paremakkal Thoma Kathanar and Varthamanapusthakam
7. Konatt Mathen Malpan
8. Kaniyamparambil Kurian Arch Corepiscopa

Module 3: Grammar ܩܠܝܢܝܩܐ **(36 Hours)**

1. Conjugation of verbs – passive voice future
2. Passive participle
3. Phrases and usages
4. Parsing of words

Module 4: Prose **(36 Hours)**

1. Divine protection
2. Bread of life
3. New commandment
4. True vine

Reference

1. A History of Christianity in Asia – Samuel Hugh Moffett
2. East of the Euphrates – T. V. Philip
3. Dimensions of Eastern Christianity – E. R. Hambye S. J.
4. Christianity in India - Xavier Koodapuzha
5. History of Syrian Christians – Dr. Romeo Thomas
6. The Syriac New Testament
7. The Syriac Language and Literature - Fr Romeo Thomas TOCD
8. Aramaic Grammar Vol I and II - Fr Thomas Arayathinal
9. The Harp Vol XXXII 2017

SKILL DEVELOPMENT COURSES

CECSDC01: FINANCIAL JOURNALISM

Credit: 2 **Hours: 36**

Course Outcomes

Upon completion of the course, the students will be able to

CO1: Have an introductory grip on principles and practices in Journalism

CO2: Appreciate of major issues in Indian economy

CO3: Understand commonly reported economic and business concepts

CO4: Perform data processing and analytical writing

CO5: Report and analyse business and financial news, working across television, radio, print and online media.

Module 1: Fundamentals of Journalism (6 Hours)

Evolution of business and financial journalism- Ethics, Rules & Standards in Journalism- Regulatory framework-

Key Issues in Business and financial journalism - Journalism Practice-Online Journalism

Module 2: Introduction to Frequently used Economic & Business Concepts (14 Hours)

Economic growth – indicators – National Income concepts – Broad economic sectors – price indices and inflation - dynamics of gold and oil prices- Capital Markets-Derivatives, Futures and Options Trading- SENSEX & Other Indices -Debt Markets- Mutual Funds and Exchange Trade Funds-currency futures- concepts in monetary policy- Budgetary concepts-BOP concepts- foreign exchange rate- FOREX markets- foreign exchange regimes- government securities market- role and functions of RBI and SEBI

Module 3: Data processing & Analytical writing (10 Hours)

Economic/Business data sources - Data Reporting- Analysis of Financial Statements- Statistical tables-Frequently used charts/figures-Frequently used statistical measures- ratio-percentages -mean, growth rates- trend analysis- introduction to MS Excel-interpretation of data

Module 4: Financial Reporting in Practice (6 Hours)

Steps involved in collection and analysis of facts and information – interviewing –editorial production - language and style of writing – business news photography- fair practices in reporting

Module 5 Self-study

Exploring the global economy – WTO and Indian agriculture – Understanding business dynamics –tax reforms –basics of banking- functions of private corporates in India – India as a manufacturing hub

Reference

1. Marie Kinsey (2019). Financial Journalism, Routledge. London
2. Tony Harcup (2014). A Dictionary of Journalism, Oxford University Press
3. Ibrahim Seaga Shaw (2016). Business Journalism: A Critical Political Economy Approach, Routledge
4. Keith Hayes (2013). Business Journalism: How to Report on Business and Economics, Apress
5. Peter Kjaer, Tore Slaatta (2007). Mediating Business: The Expansion of Business Journalism, Copenhagen Business School Press
6. Terri Thompson (2000). Writing About Business – The New Knight–Bagehot Guide to Economics & Business Journalism, Columbia University Press
7. Keith J. Butterick (2015). Complacency and Collusion: A Critical Introduction to Business and Financial Journalism, Pluto Press
8. N. Gregory Mankiw (2007). Economics: Principles and Applications, Cengage Learning India Private Limited.
9. Robert S. Pindyck, Daniel L. Rubinfeld (2017). Micro Economics, Pearson Education, Delhi, Hill, Delhi
10. N. Gregory Mankiw (2016). Principles of Macroeconomics, CENGAGE Learning Custom Publishing
11. Francis Cherunilam (2008). International Economics, Tata McGraw Hill, Delhi
12. V.K.Puri, S.K.Misra (2019). Indian Economy, Himalaya Publishing House
13. L M Bhole, Jitendra Mahakud (2017). Financial Institutions and Markets, McGraw Hill Education
14. Khan M F (2006). Indian Financial Institutions, Tata McGraw Hill Ltd
15. Prasanna Chandra (2017). Investment Analysis and Portfolio Management, McGraw Hill Education

CECSDC02: WOMEN AND ALW

Credit: 2 **Hours: 36**

Course Outcomes

Upon completion of the course, the students will be able to

CO1: Apply legal awareness to eliminate violence crimes and discrimination against women and be empowered

CO2: Organize awareness and capacity building on gender equality and constitutional and legal provisions protecting women

CO3: Provides consultancy to identify and discuss legal issues related to women

Module 1: Women in Pre-Constitution Period

Social and Legal Inequality; Social Reform Movement in India; Legislative response in India Women & children in Post Constitution Period. Provisions of Constitution of India; Preamble, Art 14, 15, 23, and Part IV; Legal Measures in relating to Child Labour; Women and Political Representation-legal aid

Module 2: Inheritance Laws

Different Personal Laws- Unequal Position of Indian Women-Uniform Civil Code; Sex Inequality in Inheritance Rights: Right of Inheritance by birth for Sons and not for Daughters; Inheritance under Christian Law; Inheritance under Muslim Law; Matrimonial Property Law; Right of Women to be Guardian of her minor sons and daughters

Module 3: Civil Laws

Law of Divorce - Christian Law-Discriminatory Provision; Muslim Law Inheritance divorce Women and Social Legislation: Dowry Prohibition Law; Prenatal sex determination-Medical termination of pregnancy- Test, Prevention of immoral Trafficking in Women Act.

Module 4: Criminal Law

Adultery; Rape; Outraging the Modesty of Women- Voyeurism, Stalking, Acid Attack; Kidnapping; Sati Prohibition Law; Law relating to Domestic Violence- Bigamy– Mock Marriages- Obscenity; Law relating Eve-Teasing; Indecent Representation of Women Act, Cyber-crimes.

Module 5: Women and Employment

Factories Act- Provisions relating to women; Maternity Benefit Act; Equal Remuneration Act; Law Relating to Sexual Harassment at Working Place; NCW-Aims, Functions and Performance.

Reference

1. Mamta Rao (2019) Law Relating to Women and Children Eastern Book Company ISBN 9388822501
2. Professional's (2014). Women Laws over 19 Allied Acts related to Women in India including Domestic Violence, Sexual Harassment, Pre-natal, PCPNDT, PNDT, Widows, Dowry, Maternity Benefits, Medical Termination Pregnancy etc. Professional Book Publishers
3. Nikunj Kulshreshtha (2019) Women and Law. Singhal Law Publications
4. Tripathi S.C. (2021) Women and criminal law 3rd edition. Central Law Publication
5. Reddy G.B. (2021) Women & the Law including Law Relating to Children 10th Edition. Gogia Law Agency
6. Esha Shekhar, Neha Koshy (2021) Understanding Workplace Laws for Women in India, 2nd edition. Bloomsbury Professional India ISBN 9390513715
7. Aruna Shrivastav (2012) Women, Law and Criminal Justice. Anmol Publishers ISBN 8126161299
8. Flavia Agnes, Sudhir Chandra, Monmayee Basu (2003) Women and Law in India. OUP India. ISBN 0195667670
9. The Constitution of India
10. Indian Penal Code
11. The Code of Civil Procedure

Programme Articulation Table

Course Code	Course Title	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
Core Courses											
CBEC101	Mathematical Economics	2	2	2	2	0	2	2	2	2	0
CBEC202	Microeconomics - I	1.80	2	-	-	-	1.80	2	-	-	-
CBEC303	Microeconomics - II	1.80	2	-	-	-	1.80	2	-	-	-
CBEC304	History of Economic Thought	2	1	0	1	1	1	2	0	1	0
CBEC405	Macroeconomics - I	1.33	2	2	2	2	1	1.66	1	1	-
CBEC406	Environmental Economics	1.2	1.75	0	0	1.6	1	2	0	1	0
CBEC507	Basic Tools for Economic Analysis - I	1.8	1.6	2	1.6	-	2	-	2	1.75	1
CBEC508	Indian Economy	-	2	-	1	2.5	-	2	-	1.75	2
CBEC509	Macroeconomics - II	1	2	2	1	1	1.25	1.75	1	0	0
CBEC510	Economics of Growth and Development	2	1.75	-	1	1.6	1.5	1.5	2	1	-
CBEC611	Basic Tools for Economic Analysis - II	1.8	1.75	1.8	2	1	1.8	-	1.8	1.6	1
CBEC612	International Economics	1.3	1.75	-	-	2.5	2.5	1.5	1	1	-
CBEC613	Financial Institutions and Markets	2	1.75	-	-	1	1	2	-	1	-
CBEC614	Basic Econometrics	1	2	2.3	2	-	1	-	2	2	2
CBEC6PJ	Project	-	1.5	1.5	2.5	2	2.5	-	1.6	2	-
Choice Based Core Courses											
CBEC6E01	Public Economics*	1	1.5	-	-	1.75	1.6	1.5	2	-	2
CBEC6E02	Financial Economics*	2	1.5	-	1.5	-	1.8	-	2	2	-
CBEC6E03	Marketing Management *	2	1.5	-	1.5	-	1.8	-	2	2	-

Course Code	Course Title	PSO1	PSO2	PSO3	PSO4	PSO5	PO1	PO2	PO3	PO4	PO5
Complementary Course: History											
CDHS101	Making of Indian Nation	2	-	-	-	-	-	2	-	-	-
CDHS202	Transition to the Contemporary World	2	-	-	-	-	-	2	-	-	-
Complementary Course: Sociology											
CDSO101	Foundations of Sociology	2	-	-	-	-	2	1.66	2	1.5	-
CDSO202	Foundations of Indian Sociology	2	-	-	-	-	2	2	1.5	-	-
Complementary Course: Political Science											
CDPS301	Principles of Political Science	2	-	-	-	-	1	2	1.3	-	-
CDPS402	Indian Government and Political Process	2	-	-	-	-	-	2	2	1	1
Common Course: English											
CCEN101	Reading Literature in English - I: Poetry and Drama	1	-	-	1	-	1.4	1.25	2	1.33	1
CCEN102	Writings on Contemporary Issues	1.33	-	-	1.33	-	2	1	2	2	2
CCEN203	Writing Skills	-	-	-	2	-	2	-	2	1	1
CCEN204	Reading Literature in English - II: Short Stories and Novel	1	-	-	1	-	1	-	2	1	1
CCEN305	Life and Literature	1	-	-	1	-	2	1	2	2	2
CCEN406	English for Developing Job Skills	-	-	-	2	-	2	1	1.8	1.8	1.8

*For choice-based core courses any one of the three courses will be considered

St Berchmans College

AUTONOMOUS

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