NEHRU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
(Affiliated to Bharathiar University Reaccredited with "A+" Grade by NAAC,
ISO 9001:2015 (QMS) Certified, Recognized by UGC with 2(f) &12(B),
Under Star College Scheme by DBT, Govt. of India)
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu, India.

.

SCHOOL OF COMMERCE

B.Com. WITH COMPUTER APPLICATIONS

CURRICULUM & SYLLABUS

EFFECTIVE FROM 2023– 2024

REGULATIONS

NEHRU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
REGULATIONS FOR UNDERGRADUATE DEGREE COURSES

Choice Based Credit System blended with Outcome Based Education
Regulations with effect from the Academic Year 2023-2024

Definition

a) Programme – A course of study leading to the award of a degree in a discipline.

(E.g.: B. Sc. / B. Com.)

b) Branch – Discipline of study (e.g. B.Sc. Computer Science)

c) Curriculum – The various courses (subjects) a student must study in a particular branch.

d) Course – The Theory & Practical subject offered under each curriculum.

e) Credit – A unit of measurement based on the duration of the contact hours, content and quality of the subject matter.

1. UG Curriculum

The UG Curriculum follows CBCS pattern and the medium of instruction is English.

2. Eligibility for Admission to the Course

Candidates for admission to the first year of the UG degree programmes are required to **have passed the higher secondary examination** (Academic or Vocational) conducted by the Govt. of Tamil Nadu in the relevant subjects or other examinations accepted as equivalent thereto by the Parent University, subject to such other conditions as may be prescribed thereof.

3. Duration of the Programme

The UG programme will comprise six semesters with two semesters per academic year, extending over a total duration of three years. Examination shall be conducted at the end of every semester for the respective courses. Each semester has 90 instructional days consisting of 5 teaching hours per working day. Thus, each semester has 450 teaching hours and the whole programme has 2700 teaching hours.

4. Choice Based Credit System (CBCS)

All Undergraduate Programmes offered by the University shall be under Choice Based Credit System (CBCS). Choice based credit system is introduced with the aim of offering flexibility in the choice of courses to the students.

Objectives of the Choice Based Credit System

- ➢ To facilitate the students to have greater flexibility in their choice of courses.

- ➢ To widen the spectrum of knowledge of students by means of Core, Allied, Project / Electives, Value Education, Environmental Studies and Skill Based Subjects.

- ➢ To revamp the curriculum which enables to impart entrepreneurial skills and placement potentials qualities.

- ➢ To incorporate need based knowledge in tune with the location and neighborhood of the Institution.

- ➢ To allocate credit points to each paper of the study based on the weightage of the contact hours, content and quality.

- ➢ To extend opportunities to fast learners in order to earn additional credit from advanced as well as additional courses.

- ➢ To maintain the total credit points of each programme on par with international standards.

5. Outcome Based Education (OBE)

OBE is an **educational** theory that bases each part of an **educational** system around goals (**outcomes**). By the end of the **educational** experience, each student should have achieved the goal.

Objectives of Outcome based curriculum

- ➢ The programme outcomes and Programme specific outcomes are clearly identified and unambiguously specified regarding the content, context and competence.

- ➢ The expected outcome should be defined by setting bench marks for each level of the programme. Benchmark should tackle and define specifically, the goals of the curriculum and verify ways to access whether the students have reached these goals at the level of study;

- ➢ OBE is driven by assessments that focus on well defined learning outcomes and not by other factors such as what is taught, the duration taken by the student to achieve the outcomes or which path the students take to achieve their targets. In OBE, assessment techniques must be with clear description of expected performance.

Definitions

Outcome: An outcome of an educational Programme is what the student should be able to do at the end of a Programme / Course / Instructional Unit.

Levels of Outcomes

➢ **Programme Outcomes:** POs are statements that describe what the students graduating from any of the educational Programmes should be able to do.

➢ **Programme Specific Outcomes:** PSOs are statements that describe what the graduates of a specific educational Programme should be able to do.

➢ **Course Outcomes:** COs are statements that describe what students should be able to do at the end of a course

Learning Outcomes: It describes levels of achievement that can be attained across the domains of learning. Here **K1** representing Remember; K2 – Understanding; **K3** – Apply; **K4** – Analyze; **K5** – Evaluate, **K6** – Create are used to measure the levels of achievement in learning.

6. Course of Study

The Course of Study for the UG degree courses of all branches shall consist of the following:

6.1. Part I : Language : Tamil or any one of the modern / Classical languages i.e. Malayalam, French and Hindi.

It is absolutely obligatory for all the UG students to study a language under part I. A student can select and study any one of the languages offered under part I. The syllabus drafted would enable the students to communicate with the ease and effectiveness in that language. It shall be offered during the Semesters I to IV with one examination at the end of each semester.

6.2. Part II : Language : English

The study of English has been made mandatory for all UG students under part II. English being the window to the outer world in the context of the globalization scenario, the contents of the syllabus is tailored in a fashion suitable for imparting the classical and the modern facets of the language and literature, besides conferring a mastery of fluency and command over the language, providing a clout to compete for employment opportunities. The subject shall be offered during the Semesters I to IV with one examination at the end of each semester.

6.3. Part III : Core Subjects, Allied Subjects and Project or Elective Courses:

1) Core Subjects : Each programme has a group of Core courses arranged semester wise. The syllabi of the core courses will enlighten the students in the acquisition of the basic concepts of their respective disciplines, besides getting focused on to the recent trends. The core courses will span over six semesters and examination shall be conducted in the core subjects at the end of every semester.

2) Allied Subjects : In all disciplines, the UG students must study Allied courses along with the core courses, which would supplement, suit and support the major course of study. The Allied Subjects is to be studied during the first four semesters of the UG programmes and examination shall be conducted at the end of every semester.

3) Project , Internships and Electives with three Courses : In all disciplines, the UG student shall undergo a Project and Internships (if any) and he / she must study three Elective Courses.

Three Elective courses are to be offered one in the V semester and two in the VI Semester. Elective subjects are to be selected from the list of electives prescribed by the concerned Board of Studies during the fifth and Sixth Semester along with the Core Subjects.

A student shall take up a project work in addition to his elective subjects. The report of the study should be submitted at the end of course duly certified by the supervisor and forwarded by the Head of the Department / Principal of the College. The Head of the Department of the programme concerned shall assign a project supervisor, who in turn shall assign the topic and monitor the project work of the student.

A student shall complete Internship (if any) as per the recommendations of BoS concerned.

6.4. Part IV

1. **a)** Those who have not studied Tamil up to XII std and taken a Non-Tamil language under Part-I shall take Tamil Comprising of two Courses. The course content of which shall be equivalent to that prescribed for the 6th Standard by the Board of Secondary Education and they shall be offered in the third and fourth semesters.

    b) Those who have studied Tamil up to XII std and taken a Non-Tamil language under Part-I shall take Advanced Tamil comprising of two Courses in the third and fourth semesters.

    (OR)

c) Others who do not come under the above a + b categories can choose the following Non-major electives (NME) comprising of two courses with 2 credits each (4 credits) in the **third and fourth semesters**.

1) Consumer Affairs / Gender Sensitization / Women's Rights (**III semester**.)
2) General Awareness (**IV semester**.)

Note: The assessment for the category in Part IV – 1 b and 1 c subjects shall be through End Semester examination (ESE) for the total marks prescribed. There shall be no Continuous Internal Assessment (CIA).

2. **Skill Based Subjects :** For UG degree, four skill based subjects are to be offered one each in III, IV, V and VI Semesters based on the skill based courses recommended in Naan Muthalvan scheme of Govt. of Tamilnadu. The examination shall be conducted in the skill based subjects at the end of the semesters where they are offered.

3. **Ability Enhancement Compulsory Course – Human Rights and Constitution of India:**
It is a course to impart the knowledge about the basic Human rights, Classification of human rights, Human Rights Commission and Constitution of India. The total mark is 50 for 2 credits. One Internal Examination shall be conducted for 25 marks in the II semester during CIA III and there is no ESE. The learning outcomes are further measured by various assessment criteria for 25 marks by the course teacher concerned.

4. **Ability Enhancement Compulsory Course – Environmental Studies :** It is a course on Environmental Science which underlines the importance of environment apart from sensitizing students to the dimensions of Environmental problems. The total mark is 50 for 2 credits. One Internal Examination shall be conducted for 25 marks in I semester during CIA III and there is no ESE. The learning outcomes are further measured by various assessment criteria for 25 marks by the course teacher concerned.

5. **Human Values and Yoga Practice:** It is a course to inculcate human values among students to develop physical, mental, social and spiritual health which will enhance personality of the students and also improve the institutional climate in the campus. Human Values and Yoga Practice is offered during Semesters I and II with one hour of Yoga and one hour of Human values to be handled alternatively in a week. This course carries a total of 50 marks comprising 25 marks of Internal Practical Assessment for Yoga and 25 marks of written Examination for Human values during CIA III of Semester II.

6. **Skill Based Open Elective Courses** (**Extra Departmental Courses**): Any student studying any programme can do course except the course offered by his / her Department. All the UG programmes shall offer two skill based courses as **Extra department Courses,** during semester III with 2 credits each. The students can choose one among the courses offered by other departments. The examination will be conducted at the end of the semester. There shall be no continuous Internal Assessment (CIA).

7. **Value Based Open Elective Courses (Intra School Courses) :** During Semester IV, list of Open Elective Courses are offered to Students. These Courses are value based and help to inculcate the values and positive attitude among the Students. Each School will offer a list of courses and the Students shall choose any one open Elective Course they prefer and appear for the Examination to earn 2 mandatory credits. The examination will be conducted at the end of the Semester. There shall be no continuous Internal Assessment (CIA). However the NCC Cadets will appear for theory paper in NCC to earn these credits.

6.5. Part V : Extension Activities : Every student shall participate compulsorily for period of not less than two years (4 semesters) in any one of the programmes. **(NSS / Sports and Games / YRC / RRC)**

Each student must choose any one of the courses offered during the first four semesters. The object of the slot is to build- up the ethics, awareness and involvement in social service, acquisition of knowledge and training in discipline leading to national integration and patriotism, and feeling fit and fine through participation in games and athletics.

The student's performance shall be examined by the staff in-charge of extension activities along with the Head of the respective departments and a senior member of the Department on the following parameters.

➢ 20% of marks for Regularity of attendance
➢ 60% of marks for Active Participation in classes / camps / games / special camps / programmes in the College / District / State / University activities.
➢ 10% of marks for Exemplary Awards / Certificates / Prizes.
➢ 10% of marks for other Social components such as Blood Donations, Fine Arts, etc.

The grades will be awarded at the end of the Fourth Semester. The mark sheet shall carry the gradation relevant to the marks awarded to the candidates. The marks shall be sent to the Controller of Examinations before the commencement of the final semester examinations.

Table 1 : Grades for Extension Activity

Range of Marks	Grade Point	Letter Grade	Description
90 – 100	9.0 – 10.0	O	OUTSTANDING
80 – 89	8.0 – 8.9	D+	EXCELLENT
75 – 79	7.5 – 7.9	D	DISTINCTION
70 – 74	7.0 – 7.4	A+	VERY GOOD
60 – 69	6.0 – 6.9	A	GOOD
50 – 59	5.0 – 5.9	B	AVERAGE
40-49	4.0-4.9	C	SATISFACTORY
00-39	0.0	U	RE-APPEAR
ABSENT	0.0	AAA	ABSENT

This grading shall be incorporated in the mark sheet to be issued at the end of the semester. (Handicapped students who are unable to participate in any of the above activities shall be required to take a test in the theoretical aspects of any one of the above fields and be graded and certified accordingly)

7. Additional Credit Course

Students are given the opportunity to undertake optional papers, additional to their compulsory papers, in order to gain additional credit that would boost their grades. These are not mandatory. Students can earn to a maximum of 10 credits.

Table 2: Regulations for Additional Credits

S. No.	Subject	Credit / course	Total credits
1	Presentation / Publication of Research papers in International Conferences / Journals.	1	1
2	Completion of Diploma / Certificate Courses	1	1
3	Self Study Papers	1	2
4	MOOC Courses prescribed by the Departments	1	2
5	Achievements - Sports / Social Activities / Co curricular / Extracurricular Activities at University / District / State / National / International levels	1	1
6	Swachh Bharath Summer Internship Programme	2	2
7	Visits Abroad for Participation in International Academic events	1	1
	Total		**10**

Rules: The Students can earn additional credits only if they complete the above during the course period (II to V Sem.) and based on the following criteria. Proof of Completion must be submitted to the Office of Controller of Examinations to award additional credits.

1. Students can earn an additional credit if they present / publish research papers in International conferences / reputed Journals

2. Students can complete Diploma / Certificate Courses for a minimum of 30 hrs (II to V Sem. only) from reputed centres and the same certificate shall be produced to earn a credit. They shall be guided by the Department if needed.

3. Students can earn one credit, if they complete One Self Study Paper prescribed by the Department. The Departments shall offer two Self Study Papers.

4. Students can earn one Credit, if they complete any one MOOC courses prescribed by the Department. Students shall earn a maximum of 2 Additional Credits by completing 2 online courses.

5. Award Winners in Sports / Social Activities / Co curricular / Extra Curricular Activities at University / District / State / National / International levels can earn one Extra Credit by producing the Certificate.

6. As per the direction of Ministry of Human Resource Development, Swachh Bharath Summer Internship Programme is introduced to the students as an optional paper. Students interested to join the internship programme are required to register and report the activities conducted during the internship period on the website https://sbsi.mygov.in. They shall gain 2 credits if they produce Swachh Bharath Internship Certificate provided by MHRD on completion of their internship.

7. **Extra Credit for NCC Cadets** : NCC Cadets shall gain Extra credits as mandated by UGC and Bharathiar University apart from 2 credits to be added for Part V-Extension Activity during Semester VI. The regulations for the Extra credits shall be communicated to the Cadets through the NCC Officer of the College.

Regulations for Awarding credits to NCC Cadets

Semester	Credits Allocated		Remarks
	Camp	Theory	
III	2		Credits if 1st camp merged with 3rd Semester
IV		2	Under Value based Open Elective course (Mandatory credit)
V	2		Credits if 2nd camp merged with 5th Semester
Total	**6 credits**		

8. Value Added Course

Each Department shall conduct a Value Added Course to their students during III and IV Semesters for 50 to 60 hours. The MoU with the Industry shall be signed and the Classes shall be conducted without affecting the regular class hours. The Examination and the Valuation shall be conducted by the Industry. The HoD of concerned department shall forward the marks to the Examination section during the end of IV semester and the Grade shall be awarded by the CoE. This is based on the Naan Muthalvan scheme of Govt. of Tamilnadu.

9. Scheme of Examination

Table 3: Summary: CBCS for Undergraduate programmes with language for Four Semesters

Components of Study	No. of Subjects	Credit per Subject #	Total Credits	Marks	Total Marks
Part-I: Tamil / Other Languages	2 + 2 = 4	3	12	75	300
Part-II : English	2 + 2 = 4	3	12	75	300
Part-III					
Core subjects	14 -18	2/ 3 / 4	64-66	50 / 75 / 100	
Allied subjects	4 – 6	2/ 3 / 4	14 -16	50 / 75 / 100	2300
Electives	3	4	12	100	
Part-IV 1. (a) Those who have not studied Tamil up to XII std. and taken a non-Tamil language under part-I shall take basic Tamil comprising of two courses(level will be at 6th std.) (b) Those who have studied Tamil up to XII std and taken a non –Tamil language under part-I shall take Advance Tamil comprising of two courses. I others who do not come under a + b can choose non-major elective comprising of two courses.(NME)	2	2	4	50	100
2. Skill based subjects	4	3	12	75	300
3. Human Rights and Constitution of India	1	2	2	50	50
4. Environmental Studies	1	2	2	50	50
5. Human Values and Yoga Practice	1	2	2	50	50

6. Value Added Course	1	-	-	-	Grade
7. EDC (Extra Departmental Course)	1	2	2	50	50
8.Open Elective Courses	1	2	2	50	50
Part V: Extension activities	1	2	2	50	50
		Total	**144**		**3600**
Additional Credits	II – V Semesters			10 credits	

- No CIA marks for Additional Credit
- No CIA Tests or ESE for Extension Activities.
- For Value added course, Examination shall be conducted by the Industry for 100 marks for a duration of 3 hours.

10. Requirement to appear for the Examinations

Attendance Requirements for the Students appearing for ESE

- The guidelines of attendance requirement issued by Bharathiar University are adopted by the College. Attendance shall be considered semester- wise (not annually).

- A candidate shall be permitted to appear for the Semester Examinations in any semester, if he / she secures not less than 75% of attendance in the total number of working days during the semester and if his / her progress has been satisfactory, and his / her conduct has been satisfactory.

- Those who have obtained below 75% and above 65% of attendance shall pay condonation fee and shall write the examination in the same semester with due permission from the Principal.

- Those who have below 65% and above 50% of attendance are not eligible to write the examination in current semester subjects but are permitted to continue their studies in the next semester provided that this is the first time that the candidate earned attendance between 50% and 65%. Else the candidates have to discontinue the course and re-join in the same semester subjects in the next year with proper approval of the Principal. However, the candidates are eligible to write arrear subjects if any.

- Those who have below 50% of attendance have to redo the semester.

11. Restrictions to appear for the examinations

a) Any candidate having arrear paper(s) shall have the option to appear in any arrear paper along with the regular semester papers.

b) Candidates who fail in any of the course of Part I, II, III, IV & V of UG degree examinations shall complete the course concerned **within 5 years** from the date of admission to the said programme, and if they fail to do so, they shall take the examination in the texts / revised syllabus prescribed for the immediate next batch of candidates.   If there is no change in the texts / syllabus they shall appear for the examination in that course with the syllabus in vogue until there is a change in the texts or syllabus.   In the event of removal of that course consequent to change of regulation and / or curriculum after 5 year period, the candidates shall have to take up an equivalent course in the revised syllabus as suggested by the Chairman of the concerned board of studies and fulfill the requirements as per the regulations for the award of the degree.

12. Medium of Instruction and Examinations

The Medium of instruction and Examinations for the courses of Part I, II & IV shall be in the language concerned.   For part III courses, the medium of instruction and the medium of Examination are English.

13. Distribution of Marks

The following are the distribution of marks for Examination & Evaluation pattern:

Table 4 : Distribution of Marks between End Semester Exam (Theory) and Internal Assessment is 75 : 25

Total Marks	External		Internal	Overall Passing Minimum for Total Marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
100	75	30	25	40
75	55	22	20	30
50	40	16	10	20

Table 5 : The following are the Distribution of marks for the Continuous Internal Assessment in the theory papers of UG programmes

S. No.	For Theory - UG courses	Distribution of Marks		
01.	CIA I	5	4	2
02.	CIA II (Online Test)	5	4	2
03.	CIA III	6	5	4
04.	OBE Evaluation – Tool 01	3	2	1
05.	OBE Evaluation – Tool 02	3	2	1
06.	OBE Evaluation – Tool 03	3	3	-
	TOTAL MARKS	**25**	**20**	**10**

14. Continuous Internal Assessment (CIA)

Three CIA's shall be conducted at regular Intervals. CIA I shall be a 2 hours written test for a maximum of 50 marks and CIA II shall be conducted as Computer Based test (MCQ's) for 50 marks. CIA III shall be conducted as Model Examination for ESE.

15. OBE Evaluation - Assignment / Seminar / Role play, etc.

Three OBE Assessment parameters are decided for each course to evaluate the achievement of course outcomes which shall be assessed by the concerned course teacher. The marks allotted to this component will be awarded based on the performance of the candidate. The Rubrics for awarding the marks shall be maintained by the Course Teacher concerned.

Table 6 : Distribution of Marks between End Semester Exam (Practical) and Internal Assessment is 60:40.

Total Marks	External		Internal	Overall Passing Minimum for total marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
100	60	24	40	40
75	45	18	30	30
50	30	12	20	20

Table 7 : Distribution of marks for the Continuous Internal Assessment in UG practical courses

S. No.	For - UG practical Courses	Distribution of Marks		
01.	Laboratory Performance - Assessment Tool 01*	5	4	3
02.	Laboratory Performance - Assessment Tool 02*	5	4	3
03.	Laboratory Performance - Assessment Tool 03*	5	4	3
04.	Test 1 : During Mid semester	10	7	4
05.	Test 2 : As model test at the end of the semester	10	7	4
06.	Observation Note Book	5	4	3
	Total Marks	**40**	**30**	**20**

* For measuring the Course Outcomes

16. Observation Notebook & Regularity

The marks allotted for observation notebook & regularity are awarded based on the performance of students in writing procedure, results of the practical done during every practical class, regularity in attending practical class, which will be accounted based on the attendance maintained separately for practical class, and punctuality in the submission of observation notebook.

Table 8 : Distribution of marks for the External Assessment in UG Practical courses

S. No.	For - UG practical courses	Distribution of Marks		
1.	Experiment – I	20	15	10
2.	Experiment – II	20	15	10
3.	Record	10	10	5
4.	Viva Voce	10	5	5
	TOTAL MARKS	**60**	**45**	**30**

Table 9 : Distribution of marks for Project and Viva Voce examinations / Industrial Training of UG programmes

Total Marks	External		Internal	Overall Passing Minimum for Total Marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
100	60	24	40	40
75	45	18	30	30

Table 10 : Distribution of marks for the Continuous Internal Assessment in UG Project / Industrial Training Courses.

S. No.	For - UG Project courses / Industrial Training	Distribution of Marks	
1.	Review – I	10	7
2.	Review – II	10	7
3.	Review – III	10	7
4.	Document, Preparation and Implementation	10	9
	TOTAL MARKS	**40**	**30**

Table 11 : Distribution of marks for the External Examination in UG Project / Industrial Training courses

S. No.	For - UG Project / Industrial Training courses	Distribution of Marks	
1.	Record Work and Presentation	40	30
2.	Viva Voce	20	15
	TOTAL MARKS	**60**	**45**

Table 12 : The courses which have only Continuous Internal Assessment and no End Semester Examinations (ESE)

S. No.	Subject	Total Marks
1.	Environmental Studies	50
2.	Human Rights and Constitution of India	50
3.	Basic Tamil I	50
4.	Basic Tamil II	50
5.	Human Values and Yoga Practice	50
	TOTAL	**250**

For the above mentioned subjects, the examinations shall be only Continuous Internal Assessment (CIA) as prescribed in the syllabus.   The marks shall be furnished to the CoE.

Table 13 : The courses which have only End Semester Examinations (ESE) and no Continuous Internal Assessment

S. No.	Subject	Total Marks
1.	Non – Major Electives / Advanced Tamil I	50
2.	General Awareness / Advanced Tamil II	50
3.	Skill Based Open Elective Courses	50
4.	Value Based Open Elective Courses	50
	TOTAL	**200**

17. Passing Minimum

A candidate who secures **not less than 40%** in the End Semester Examination and 40% marks in the External Examination and Continuous Internal Assessment put together in any theory course of Part I, II, III & IV shall be declared to have passed the examination in the subject (Theory and Practical). Thus the minimum pass mark for theory subject is 30 out of 75 in ESE and also 40 marks out of 100 (CIA+ESE).

A candidate who passes the examination in all the courses of Part I, II, III, and IV & V shall be declared to have passed, the whole examination. Thus to obtain UG degree a student should pass in all the courses prescribed in the concerned programme and also he / she should earn 144 credits.

18. Marks & Grade

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

Table 14 : Conversion of Marks to Grade Points & Letter Grade(Performance in a course / paper)

Range of Marks	Grade Point	Letter Grade	Description
90-100	9.0-10.0	O	Outstanding
80-89	8.0-8.9	D+	Excellent
75-79	7.5-7.9	D	Distinction

70-74	7.0-7.4	A+	Very Good
60-69	6.0-6.9	A	Good
50-59	5.0-5.9	B	Average
40-49	4.0-4.9	C	Satisfactory
00-39	0.0	U	Re-Appear
ABSENT	0.0	AAA	Absent

19. Grade Point Average (GPA)

Grade point average (GPA) is calculated for each part taking into account all the courses studied under each part. Calculation of grade point average semester-wise and part-wise is as follows:

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

$$\mathbf{GPA} = \frac{\sum_i (C_i * G_i)}{\sum_i C_i}$$

Where C_i = Credit earned for course i in any semester.

G_i = Grade points obtained for course i in any semester.

20. Cumulative Grade Point Average (CGPA)

For the entire program CGPA is calculated in the following manner:

$$\mathbf{CGPA} = \frac{\sum_n \sum_i C_{ni} * G_{ni}}{\sum_n \sum_i C_{ni}}$$

$$CGPA = \frac{\begin{array}{c}\text{Sum of the multiplica tion of grade points by the credits of}\\ \text{the entire programme under each part}\end{array}}{\text{Sum of the Credits of the Courses of the entire programme under each part}}$$

21. Classification of CGPA

A candidate who has passed all the examinations under different parts (Part-I to Part V) is eligible for the following part wise computed final grades based on the range of CGPA.

Table 15 : Classification of performance of Students based on the Cumulative Grade Points Average

CGPA	Grade	Classification of Final Result
9.5-10.0	O+	First Class - Exemplary
9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	First Class with Distinction
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5and above but below 7.0	A+	
6.0and above but below 6.5	A	
5.5 and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	
4.5 and above but below 5.0	C+	Third Class
4.0 and above but below 4.5	C	
0.0 and above but below 4.0	U	Re-appear

A candidate who passes all the examinations in Part I to Part V securing following CGPA and Grades shall be declared as follows **for Part I or Part II or Part III**:

a) A candidate who has passed all the Part-III subjects examination in the first appearance within the prescribed duration of the UG programmes and secured a CGPA of 9 to 10 and equivalent grades "O" or "O+" in part III comprising Core, Electives and Allied subjects shall be placed in the category of "**First Class – Exemplary**".

b) A candidate who has passed all the Part-III subjects examination in the first appearance within the prescribed duration of the UG programmes and secured a CGPA of 7.5 to 9 and equivalent grades "D" or "D+" or "D++" in part III comprising Core, Electives and Allied subjects shall be placed in the category of "**First Class with Distinction**".

c) A candidate who has passed all Part-III subjects examination of the UG programmes and secured a CGPA of 6 to 7.5 and equivalent grades "A" or "A+" or "A++" shall be declared to have passed that part in "**First Class**".

d) A candidate who has passed all Part-I or Part-II subjects examination of the UG programmes and secured a CGPA of 6 and above and equivalent grades "A" or "A+" or "A++" shall be declared to have passed that parts in "**First Class**".

e) A candidate who has passed all the Part-I or Part-II or Part-III subjects examination of the UG programmes and secured a CGPA of 5.0 to 6 and equivalent grades "B" or "B+" shall be declared to have passed that parts in "**Second Class**".

f) A candidate who has passed all the Part-I or Part-II or Part-III subjects examination of the UG programmes and secured a CGPA of 4.0 to 5 and equivalent grades "C" or "C+" shall be declared to have passed that parts in "**Third Class**".

g) There shall be no classifications of final results for Part IV and Part V. However, those parts shall be awarded with final grades in the End semester statements of marks and in the Consolidated statement of marks.

22. Improvement of Marks in the subjects already passed

Candidates desirous of improving the marks awarded in a passed subject in their first attempt shall reappear in the subsequent semester only. The improved marks shall be considered for classification but not for ranking. When there is no improvement, there shall not be any change in the original marks already awarded.

23. Conferment of the Degree

No candidate shall be eligible for conferment of the Degree unless he / she

i. Has undergone the prescribed course of study for a period of not less than six semesters in an institution approved by / affiliated to the University or has been exempted from in the manner prescribed and has passed the examinations as have been prescribed therefore.

ii. Has completed all the components prescribed under Parts I to Part V in the CBCS pattern to earn 144 credits.

iii. Has successfully completed the prescribed Field Work/ Institutional Training (if any) as evidenced by certificate issued by the concerned authorities.

24. Ranking

A candidate who qualifies for the UG degree course passing all the examinations in the first attempt, within the minimum period prescribed for the course of study from the date of admission to the course and secures I or II class shall be eligible for ranking and such ranking shall be confined to 10 % of the total number of candidates qualified in that particular branch of study or maximum of Three Ranks whichever is lower. However the Programmes will be considered for ranking only when there are minimum of 10 students completing that Programme. The improved marks shall not be taken into consideration for ranking.

25. Question Paper Pattern

The question paper pattern for CBCS pattern syllabi for the candidates admitted from the Academic year 2023-24 are as follows:

A. Question Paper Pattern for Part I/Part II/Core /Allied/Elective/Skill Based Subjects

Time : 3hrs   **Marks : 75**

Knowledge Level		Section	Marks	Description
K1, K2, K3	1– 10	A(Answer all the questions)	10 x 1 = 10	MCQ
K2, K3	11 – 15	B (Either or pattern)	5 x 5 = 25	Short Answers
K3, K4	16 – 21	C (Answer 3 out of 6)	3 x 10 = 30	Descriptive/ Detailed
K3, K4	22	D (Compulsory Question)	1 x 10 = 10	Application Based/ HOTS

B. Question Paper Pattern for Part I/Part II/Core /Allied/Elective/Skill Based Subjects

Time : 3hrs   **Marks : 55**

Knowledge Level		Section	Marks	Description
K1, K2, K3	1– 10	A(Answer all the questions)	10 x 1 = 10	MCQ
K2, K3	11 – 15	B (Either or pattern)	5 x 4 = 20	Short Answers
K3 , K4	16 – 21	C (Answer 3 out of 6)	3 x 6= 18	Descriptive/ Detailed
K3, K4	22	D (Compulsory Question)	1 x 7 = 7	Application Based/ HOTS

C. Question Paper Pattern –Advanced Tamil , Open Elective Courses and Self Study Papers

Time: 3 Hours   **Max Marks: 50**

Knowledge Level		Section	Marks	Description
K2, K3	1 – 10	A (Answer all the questions)	10 x 2 = 20	Short Answers / Define
K3 , K4	11 – 15	B (Either or pattern)	5 x 6 = 30	Descriptive/ Detailed

For self study papers, Open Book Examination will be followed.

D. Question Paper Pattern for Part IV subjects

For Part IV papers like Environmental Studies, Human Rights and Constitution of India, Human Values & Yoga Practice, Examination time shall be **2 hours with maximum of 25 marks**. The pattern shall be 5 out of 10 Questions each carrying 5 marks.

NOTE: The questions should be numbered continuously running through the Sections A, B and C.

Questions should be evenly distributed among the unit in the syllabus in all the sections of the question paper. While framing questions with internal choice, the questions must be identified as (a) or (b).(e.g. 11. a or b). Further, the internal choice must be from the same unit.

ESE for General Awareness shall be conducted online with 100 multiple choice questions (with four options) to be evaluated online. (100 x 0.5 = 50 marks)

For other courses in Part IV of UG programmes namely, **Consumer Affairs, Gender Sensitization, and Women's Rights** the question paper pattern shall be 5 out of 10.

The Controller of the Examinations shall arrange for the setting of question papers on the basis the syllabus and the pattern of question paper duly certified by the Chairpersons of the respective Board of Studies.

26. Syllabus

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

27. Revision of Regulations and Curriculum

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

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NEHRU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

REGULATIONS FOR POSTGRADUATE DEGREE COURSES

Choice Based Credit System blended with Outcome based Education

Regulations with effect from the Academic Year 2022-2023

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Definition

a) Programme – A course of study leading to the award of a degree in a discipline. (E.g.: M. Sc. / M. Com.)

b) Branch – Discipline of study (e.g. M.Sc. Microbiology)

c) Curriculum – The various courses (subjects) a student must study in a particular branch.

d) Course – The theory & practical subject offered under each curriculum.

e) Credit – A unit of measurement based on the duration of the contact hours, content and quality of the subject matter.

1. PG Curriculum

The PG Curriculum follows CBCS pattern and the medium of instruction is English.

2. Eligibility for Admission to the Course

A candidate who has passed the Degree Examination as main subject of study of this University or an examination of some other University accepted by the Syndicate as equivalent thereto shall be eligible for admission to the Master Degree of this College.

3. Duration of the Programme

This Course of Study shall be based on Semester System.   This Course shall consist of four Semesters covering a total of two Academic years.   For this purpose, each academic year shall be divided into two Semesters; the first and third Semesters; July to November and the second and the fourth Semesters; December to April.   The Practical Examinations shall be conducted at the end of odd / even Semester.   Each semester have 90 working days consists of 5 teaching hours per working day.   Thus, each semester has 450 teaching hours and the whole programme has **1800 teaching hours**.

4. Choice Based Credit System (CBCS)

All Postgraduate Programmes offered by the University shall be under Choice Based Credit System (CBCS).   Choice based credit system is introduced with the aim of offering flexibility in the choice of courses to the students.

Objectives of the Choice Based Credit System :

➢ To facilitate the students to have greater flexibility in their choice of courses.

➢ To revamp the curriculum, to impart entrepreneurial skills and placement potentials qualities.

➢ To incorporate need based knowledge in tune with the location and neighborhood of the institution.

➢ To allocate credit points to each paper of the study based on the weightage of the contact hours, content and quality.

➢ To extend opportunities to fast learners in order to earn Extra credit from advanced as well as additional courses.

➢ To maintain the total credit points of each programme on par with international standards.

5. Outcome Based Education (OBE)

OBE is an **educational** theory that bases each part of an **educational** system around goals (**outcomes**).   By the end of the **educational** experience, each student should have achieved the goal.

Objectives of Outcome based curriculum :

➢ The programme outcomes and Programme specific outcomes are clearly identified and unambiguously specified regarding the content, context and competence.

➢ The expected outcome should be defined by setting bench marks for each level of the programme.   Benchmark should tackle and define specifically, the goals of the curriculum and verify ways to access whether the students have reached these goals at the level of study;

➢ OBE is driven by assessments that focus on well defined learning outcomes and not by other factors such as what is taught, the duration taken by the student to achieve the outcomes or which path the students take to achieve their targets.   In OBE, assessment techniques must be with clear description of expected performance.

Definitions

Outcome :   An outcome of an educational Programme is what the student should be able to do at the end of a Programme/ course/ instructional unit.

Levels of Outcomes

- ➢ Programme Outcomes: POs are statements that describe what the students graduating from any of the educational Programmes should be able to do.

- ➢ Programme Specific Outcomes: PSOs are statements that describe what the graduates of a specific educational Programme should be able to do.

- ➢ Course Outcomes: COs are statements that describe what students should be able to do at the end of a course

Learning Outcomes : It describes levels of achievement that can be attained across the domains of learning. Here **K1** representing Remember; **K2** -Understanding; **K3** - Apply; **K4** - Analyze; **K5**- Evaluate, **K6** – Create are used to measure the levels of achievement in learning.

6. CBCS Curriculum

6.1. Part A : Core Components:

Core Courses : Each programme has a group of core courses. The syllabus of the core courses will facilitate the students in the acquisition of the basic concepts of their respective disciplines, besides getting exposure to the recent developments. This exposure will suitably guide the students towards their vertical mobility in their higher studies. Core courses will last till the fourth semester. **It is mandatory for all PG students to complete an online course under SWAYAM / NPTEL platform between 2ⁿᵈ and 3ʳᵈ semester.**

6.2. Part B: Optional Courses - Advanced Learner's Courses : (ALC)

Students are offered the opportunity to undertake optional papers, additional to their compulsory papers, in order to gain additional credit that would boost their grades. These are not mandatory. The course will be a self study nature and the concerned departments will offer guidance. Other Advanced Learner's Courses shall be decided during the conduct of Board of Studies. The Examination will be of Open Book Examination model.

7. Requirement to appear for the examinations

Attendance Requirements for the Students appearing for ESE

- The guidelines of attendance requirement issued by Bharathiar University are adopted by the College. Attendance shall be considered semester- wise (not annually).

- A candidate shall be permitted to appear for the Semester Examinations in any semester, if he / she secures not less than 75% of attendance in the total number of working days during the semester and if his / her progress has been satisfactory, and his / her conduct has been satisfactory.

- Those who have obtained below 75% and above 65% of attendance shall pay condonation fee and shall write the examination in the same semester with due permission from the Principal.

- Those who have below 65% and above 50% of attendance are not eligible to write the examination in current semester subjects but are permitted to continue their studies in the next semester provided that this is the first time that the candidate earned attendance between 50% and 65%. Else the candidates have to discontinue the course and re-join in the same semester subjects in the next year with proper approval of the Principal. However, the candidates are eligible to write arrear subjects if any.

- Those who have below 50% of attendance have to redo the semester.

8. Restrictions to appear for the examinations

a) Any candidate having arrear paper(s) shall have the option to appear in any arrear paper along with the regular semester papers.

b) Candidates who fail in any of the course of PG degree examinations shall complete the course concerned **within 5 years** from the date of admission to the said programme, and if they fail to do so, they shall take the examination in the texts / revised syllabus prescribed for the immediate next batch of candidates. If there is no change in the texts / syllabus they shall appear for the examination in that course with the syllabus in vogue until there is a change in the texts or syllabus. In the event of removal of that course consequent to change of regulation and / or curriculum after 5 year period, the candidates shall have to take up an equivalent course in the revised syllabus as suggested by the Chairman of the concerned board of studies and fulfill the requirements as per the regulation curriculum for the award of the degree.

9. Medium of Instruction and examinations

The medium of Instruction and the medium of Examination is English.

10. Distribution

The following are the distribution of marks for examination & evaluation pattern. Distribution of Marks between End Semester Exam (Theory) and Internal Assessment is 75:25. The following table gives the distribution.

PG - PROGRAMMES (CBCS)

Table 16: Total credit points and tenure of study for M.A., M.Com, M. Sc. and MSW

Part	Courses	Semesters	Credit Points	Marks / Grade
III	Components Core / Electives / Internship / Project / Online course	I to IV	94	2350

11. Additional Credits

Students are given the opportunity to undertake optional papers, additional to their compulsory papers, in order to gain additional credit that would boost their grades. These are not mandatory. Students can earn to a maximum of 15 credits.

S. No.	Subject	Credit / Course	Total Credits
1.	Presentation of Research papers in International Conferences	1	1
2.	Publication of Research Papers in reputed Journals	1	1
3.	Advanced Learners Course	2	4
4.	MOOC Courses / Swayam prescribed by the Departments	2	4
5.	Visits Abroad for Participation in International Academics events	1	1
6.	Representation - Sports / Social Activities / Co curricular / Extracurricular Activities at University / District / State / National / International levels	1	2
7.	Swachh Bharath Summer Internship Programme	2	2
	Total		**15**

12. Continuous Internal Assessment (CIA)

Three CIA's shall be conducted at regular Intervals. CIA I and II shall be a 2 hours written test for a maximum of 50 marks each and CIA III shall be conducted as Model Examination for ESE.

13. OBE Evaluation - Assignment / Seminar / Role play, etc.

Three OBE Assessment parameters are decided for each course to evaluate the achievement of course outcomes which shall be assessed by the concerned course teacher. The marks allotted to this component will be awarded based on the performance of the candidate. The Rubrics for awarding the marks shall be maintained by the Course Teacher concerned.

14. Distribution of Marks

Table 17 : Distribution of marks for External and Internal for theory papers of PG courses

Total Marks	External		Internal	Overall Passing Minimum for Total Marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
100	75	38	25	50
75	55	28	20	38
50	40	20	10	25

Table 18 : Distribution of Internal marks for theory papers of PG courses

S. No.	For Theory - PG courses	Distribution of Marks		
01.	CIA I	5	4	2
02.	CIA II	5	4	2
03.	CIA III	6	5	4
04.	OBE Evaluation – Tool 01	3	2	1
05.	OBE Evaluation – Tool 02	3	2	1
06.	OBE Evaluation – Tool 03	3	3	-
	TOTAL MARKS	**25**	**20**	**10**

Table 19 : Distribution of marks for External and Internal for Practical papers of PG Courses

Total Marks	External		Internal	Overall Passing Minimum for total marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
100	60	30	40	50
75	45	23	30	38
50	30	15	20	25

Table 20 :   Distribution of Internal marks for PG practical papers

S. No.	For PG Practical Courses	Distribution of Marks		
01.	Laboratory Performance - Assessment Tool 01*	5	4	3
02.	Laboratory Performance - Assessment Tool 02*	5	4	3
03.	Laboratory Performance - Assessment Tool 03*	5	4	3
04.	Test 1 : During Mid semester	10	7	4
05.	Test 2 : As model test at the end of the semester	10	7	4
06.	Observation Note Book	5	4	3
Total Marks		**40**	**30**	**20**

Table 21 : Distribution of External marks for PG practical papers

S. No.	For - UG practical courses	Distribution of Marks		
1.	Experiment-I	20	15	10
2.	Experiment-II	20	15	10
3.	Record	10	10	5
4.	Viva Voce	10	5	5
	TOTAL MARKS	**60**	**45**	**30**

Table 22 :   Distribution of marks for Project and Viva Voce examinations and Continuous Internal Assessments and passing minimum marks for the Project / Industrial Training courses of PG programmes

Total Marks	External		Internal	Overall Passing Minimum for Total Marks (Internal + External)
	Max. Marks	Passing Minimum for External alone	Max. Marks	
250	150	75	100	125
200	120	60	80	100
150	90	45	60	75
100	60	30	40	50

Table 23 : Distribution of marks for the Continuous Internal assessment in PG Project / Industrial Training Courses

S. No.	For - PG Project courses	Distribution of Marks			
1.	Review-I	20	15	10	10
2.	Review-II	20	15	10	10
3.	Review-III	20	15	10	10
4.	Document, Preparation and Implementation	25	20	15	10
5.	Research Paper Publication in Journals**	15	15	15	-
	TOTAL MARKS	**100**	**80**	**60**	**40**

**Wherever it is not possible, an equivalent Assessment tool shall be prescribed by the Board Chairperson.

Table 24 : Distribution of marks for the External Examination in PG Project / Industrial Training courses

S. No.	For - PG Project courses	Distribution of Marks			
1.	Record Work and Presentation	100	80	60	40
2.	Viva Voce	50	40	30	20
	TOTAL MARKS	**150**	**120**	**90**	**60**

15. Passing Minimum:

A candidate who secures **not less than 50%** in the End Semester Examination and 50% marks in the External examination and Continuous Internal Assessment put together in any courses shall be declared to have passed the examination in the subject (Theory and Practical). Thus the minimum pass mark is 38 out of 75 in ESE and 50 marks out of 100 (CIA+ESE).

A candidate who passes the examination in all the courses shall be declared to have passed, the whole examination. Thus to obtain PG degree, a student should pass in all the courses prescribed in the concerned programme and also he / she should earn 94 credits.

16. Grade:

Table 25 : Classification of Grade for PG Students based on the Percentage of marks

Range of Marks	Grade Point	Letter Grade	Description
90 – 100	9.0 – 10.0	O	OUTSTANDING
80 – 89	8.0 – 8.9	D+	EXCELLENT
75 – 79	7.5 – 7.9	D	DISTINCTION
70 – 74	7.0 – 7.4	A+	VERY GOOD
60 – 69	6.0 – 6.9	A	GOOD
50 – 59	5.0 – 5.9	B	AVERAGE
00 – 49	0.0	C	RE-APPEAR
ABSENT	0.0	AA	ABSENT

17. Grade Point Average (GPA)

Grade point average (GPA) is calculated for each part taking into account all the courses studied. Calculation of grade point average semester-wise and part-wise is as follows:

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

$$GPA = \frac{\sum_i (C_i * G_i)}{\sum_i C_i}$$

Where C_i = Credit earned for course i in any semester.

G_i = Grade points obtained for course i in any semester.

18. Cumulative Grade Point Average (CGPA)

For the entire program CGPA is calculated in the following manner.

$$CGPA = \frac{\sum_n \sum_i C_{ni} * G_{ni}}{\sum_n \sum_i C_{ni}}$$

$$CGPA = \frac{\text{Sum of the multiplication of grade points by the credits of the entire programme under each part}}{\text{Sum of the Credits of the Courses of the entire programme under each part}}$$

19. Classification of CGPA

A candidate who has passed all the examinations under different parts is eligible for the following part wise computed final grades based on the range of CGPA.

Table 26 :   Classification of performance of PG Students based on the Cumulative Grade Points Average

CGPA	Grade	Classification of Final Result
9.5 – 10.0	O+	First Class – Exemplary *
9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	First Class with Distinction*
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5 and above but below 7.0	A+	
6.0 and above but below 6.5	A	
5.5 and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	

a) A candidate who has passed all the subjects examinations in the first appearance within the prescribed duration of the PG programmes and secured a CGPA of 9 to 10 and equivalent grades "O" or "O+" in Core and Electives subjects shall be placed in the category of "First Class – Exemplary".

b) A candidate who has passed all the subjects examinations in the first appearance within the prescribed duration of the PG programmes and secured a CGPA of 7.5 to 9 and equivalent grades "D" or "D+" or "D++" in Core and Electives subjects shall be placed in the category of "First Class with Distinction".

c) A candidate who has passed all the subjects examinations of the PG programmes and secured a CGPA of 6 to 7.5 and equivalent grades "A" or "A+" or "A++" shall be declared to have passed in "First Class".

d) A candidate who has passed all the subjects examination of the PG programmes and secured a CGPA of 5.0 to 6 and equivalent grades "B" or "B+" shall be declared to have passed in "Second Class".

20. Ranking

A candidate who qualifies for the PG Degree programme passing all the Examinations in the first attempt, within the minimum period prescribed for the programme from the date of admission to the programme and secures First or Second Class shall be eligible for ranking and such ranking will be confined to 10% of the total number of candidates qualified in that particular subject to a maximum of 10 ranks.   However the Programmes will be considered for ranking only when there are minimum of 10 students completing that Programme. The improved marks will not be taken into consideration for ranking.

21. Improvement of Marks in the subjects already passed

Candidates desirous of improving the marks awarded in a passed subject in their first attempt shall reappear in the subsequent semester only.   The improved marks shall be considered for classification but not for ranking.   When there is no improvement, there shall not be any change in the original marks already awarded.

22. Conferment of the Degree

No candidate shall be eligible for conferment of the Degree unless he / she has undergone the prescribed programme of Study for a period of not less than four Semesters in the Institution or has been exempted there from in the manner prescribed and has passed the Examinations as have been prescribed.

23. Question Paper Pattern

A: Question Paper Pattern

Time: 3 Hours   **Max Marks: 75**

Knowledge Level	Q. No.	Section	Marks	Description
K1, K2, K3	1 – 10	A(Answer all the questions)	10 x 1 = 10	MCQ
K2, K3	11 – 15	B (Either or pattern)	5 x 5 = 25	Short Answers
K3, K4	16 – 21	C (Answer 3 out of 6)	3 x 10 = 30	Descriptive/ Detailed
K4, K5	22	D (Compulsory Question)	1 x 10= 10	Application Based/ HOTS

B. Question Paper Pattern

Time: 3 Hours   **Max Marks: 55**

Knowledge Level	Q. No.	Section	Marks	Description
K1, K2, K3	1 – 10	A(Answer all the questions)	10 x 1 = 10	MCQ
K2, K3	11 – 15	B (Either or pattern)	5 x 4 = 20	Short Answers
K3, K4	16 – 21	C (Answer 3 out of 6)	3 x 6 = 18	Descriptive/ Detailed
K4, K5	22	D (Compulsory Question)	1 x 7 = 7	Application Based/ HOTS

C. Question Paper Pattern –Advanced Learners Course

Time: 3 Hours   **Max Marks: 50**

Knowledge Level	Q. No.	Section	Marks	Description
K2, K3	1 – 5	A (Answer all the Questions)	$5 \times 4 = 20$	Short Answers
K3 , K4	6 – 10	B (Either or pattern)	$5 \times 6 = 30$	Descriptive/ Detailed

NOTE: The questions should be numbered continuously running through the Sections A, B and C.

Questions should be evenly distributed among the unit in the syllabus in all the sections of the question paper.   While framing questions with internal choice the questions must be identified as (a) or (b). (e.g. 11. a or b).   Further, the internal choice must be from the same unit.

The Controller of the Examinations shall arrange for the setting of question papers on the basis the syllabus and the pattern of question paper duly certified by the Chairpersons of the respective Board of Studies.

24. Revision of Regulations and Curriculum

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

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CURRICULUM

Programme Outcomes (POs)

On Successful completion of the Programme, the graduates will have

PO1	**Critical Thinking**	Develop a systematic, critical approach to problem solving at all levels and apply the domain specific knowledge to form conclusions based on quantitative information to meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental Considerations.
PO2	**Usage of Technology**	Equip the students to meet the industrial needs by utilizing tools and technologies for Peer Communication, Data Interpretation and Problem-Solving aspects.
PO3	**Effective Communication**	Develop language competence and be proficient in oral and written communication with a focus on LSRW.
PO4	**Environment and Sustainability**	Understand the consequential responsibilities to analyze and realize the interactions between social and environmental sustainability procedures and create processes.
PO5	**Individual and Team Work**	Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings and manifest the best outcomes.
PO6	**Ethicsand Values**	Acquire life skills to become a better human being and apply ethical principles and commit to professional ethics and responsibilities.
PO7	**Social Interactions**	Participate actively in initiatives that encourage equity and Growth for all and to act with an informed awareness of local, regional, national and global needs

Department of Commerce – B.Com (CA)

Vision Statement of the Department

Is "to develop professionalism in trade and commerce to meet the emerging global trends"

Mission Statement of the Department

Is to
- ✓ Impart skills to understand and analyze global trends
- ✓ Develop the skills to tap opportunities
- ✓ Imbibe the potentials to meet the global challenges
- ✓ Impart the needed skills to attain professionalism

Program Educational Objectives (PEOs)

After 3 years of the Programme, the graduates are expected to attain

PEO1	Able to pursue higher education in their core areas of Commerce /Management / Social Science/ professional course like CA, CMA or CS
PEO2	Develop professional skills in all functions areas of Commerce and Management
PEO3	Exhibit team spirits; skills and values to learn and adapt to change throughout their professionalcareer
PEO4	Become the full-fledged Accounting and Finance professional
PEO5	Demonstrate professional expertise in financial planning, analysis, control, decision Support and professional ethics with the employees

Programme Specific Outcomes (PSOs)

After the successful completion of the Programme, the students are expected to

PSO1	Lay strong foundation of knowledge in the areas of commerce and computer application
PSO2	Eligible to pursue higher education and take-up jobs in the field of commerce and computer applications
PSO3	Develop an attitude to work effectively and efficiently in a business environment
PSO4	Prepare students to take up entrepreneurship
PSO5	Enable students capable of taking decisions at personal as well as at professional level

NEHRUARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

(Affiliated to Bharathiar University Accredited with "A+" Grade by NAAC,
ISO 9001:2015 (QMS) Certified, Recognized by UGC with 2(f) &12(B),
Under Star College Scheme by DBT, Govt. of India)
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu, India.
E-mail: nascoffice@nehrucolleges.com. Web Site: www.nehrucolleges.net.

Scheme of Examination
Programme Name: B.Com with Computer Applications
Programme Code: UCC

(Applicable to the students admitted during the year 2023-2024 onwards)

Semester	Part	Sub. Code	Name of the Subject	Instruction hours / week	Duration of Examination	CIA	ESE	Total	Credits
I	I	23U1TAM101 / 23U1HIN101 / 23U1MAL101 / 23U1FRN101	Elanthamizh Rachnathmak Hindi Kadhayum Samskaaraavum Le Français Fondamental - I	4	3	20	55	75	3
	II	23U2ENG101	Professional English I	4	3	20	55	75	3
	III	23U3ACC101	Core Paper – I Principles of Accountancy	5	3	25	75	100	4
		23U3CCC102	Core Paper – II Introduction to Information Technology	5	3	25	75	100	4
		23U3ACP103	Core Paper – III Computer Application Practical - I MS office and Google Applications	4	3	20	30	50	2
		23U3MAA101	Allied Paper – I Mathematics for Business	5	3	25	75	100	4
	IV	21U4ENV101	*@ Ability Enhancement Compulsory Course Environmental Studies	2	3	50	-	50	2
		23U4HVY201	@ Value Education: Human Values and Yoga Practice	1	-	-	-	-	-
				30	**-**	**-**	**-**	**550**	**22**
II	I	23U1TAM202 / 23U1HIN202 / 23U1MAL202/ 23U1FRN202	Pynthamizh Sanchar Hindi Novalum Bhashaapadanavum Le Français Fondamental - II	4	3	20	55	75	3
	II	23U2ENG202	Professional English II	4	3	20	55	75	3
	III	23U3ACC204	Core Paper IV – Financial Accounting	6	3	25	75	100	4
		23U3ACP205	Core Paper – V Computer Application Practical - II (Tally Prime)	4	3	20	30	50	2
		23U3ACC206	Core Paper VI – Executive Business Communication	3	3	20	55	75	3
		23U3MAA202	Allied Paper – II Business statistics	6	3	25	75	100	4
	IV	21U4HRC202	*@ Ability Enhancement Compulsory Course Human Rights and Constitution of India	2	3	50	-	50	2
		23U4HVY201	@ Value Education: Human Values and Yoga Practice	1	2	50	-	50	2
				30	**-**	**-**	**-**	**575**	**23**
III	I	23U1TAM303/ 23U1HIN303 / 23U1MAL303/ 23U1FRN303	Arunthamizh Sahityak Hindi KavithayumSmaranayum Le Français General - III	4	3	20	55	75	3
	II	23U2ENG303	Communicative English - I	4	3	20	55	75	3
	III	23U3ACC307	Core Paper VII Corporate Accounting	5	3	25	75	100	4
		23U3CCC308	Core Paper VIII Database Management System	4	3	20	55	75	3
		23U3CCP309	Core paper IX Oracle Practical	3	3	30	45	75	3

		23U3ACA303	Allied III Managerial Economics	3	3	20	55	75	3
	IV	23U4ACS301 / 23U4ACZ302 / 23U4ACZ303	Skill Based Paper - I	3	3	20	55	75	3
		22U4NM3BT1/ 22U4NM3AT1/ 22U4NM3CAF/ 22U4NM3GST/ 22U4NM3WRT	# @Basic Tamil - I / ##Advanced Tamil - I / * NME: Consumer Affairs / Gender Sensitization / Women's Rights	2	2	50		50	2
		SBOEC	Skill Based Open Elective Courses - Extra Departmental Course	2	3	-	50	50	2
		23U4CCVALC	Skill Enhancement- Add on Course – Institute Industry Linkage	-	-	-	-	-	-
				30				650	26
IV	I	23U1TAM404 / 23U1HIN404 / 23U1MAL404 / 23U1FRN404 /	Muthamizh Prayogik Hindi Drisyakala Saahithyam Le Français General - IV	4	3	20	55	75	3
	II	23U2ENG404	Communicative English-II	4	3	20	55	75	3
	III	23U3ACC410	Core Paper X Cost Accounting	5	3	25	75	100	4
		23U3CCC411	Core Paper XI Object Oriented Programming with C++	4	3	20	55	75	3
		23U3CCP412	Core Paper XII C++ Practical	3	3	30	45	75	3
		23U3ACA404	Allied Paper IV Company Law and Secretarial Practice	3	3	20	55	75	3
	IV	23U4ACS404 / 23U4ACZ405 / 23U4ACS406	Skill Based Paper II	3	3	20	55	75	3
		22U4NM4BT2 / 22U4NM4AT2 / 22U4NM4GEN	# @Basic Tamil- II / ##Advanced Tamil- II / General Awareness	2	2	50		50	2
		VBOE	Value Based Open Elective Courses – Intra School Course	2	3	-	50	50	2
		23U4CCVALC	Skill Enhancement Add on Course – Institute Industry Linkage	-	-	-	-	-	Grade
				30				650	26
V	III	23U3ACC513	Core Paper XIII Management Accounting	5	3	25	75	100	4
		23U3CCC514	Core Paper XIV Python Programming	5	3	25	75	100	4
		23U3CCP515	Core Paper XV Python Programming Practical	5	3	30	45	75	3
		23U3ACC516	Core Paper XVI Direct Tax	6	3	25	75	100	4
		23U3ACE501 / 23U3ACE502 / 23U3ACE503	Discipline Specific Elective Paper I	5	3	25	75	100	4
	IV	23U4ACS507/ 23U4ACZ508/ 23U4ACZ509	Skill Based Paper III	4	3	20	55	75	3
				30				550	22
VI	IV	23U3ACC617	Core Paper XVII -Internet and Web designing	6	3	25	75	100	4
		23U3ACP618	Core Paper XVIII Web designing Practical	4	3	40	60	100	4
		23U3ACV619	Core Paper XIX Project and Viva Voce	6	3	40	60	100	4
		23U3ACE604/ 23U3ACE605/ 23U3CCE606	Discipline Specific Elective Paper II	5	3	25	75	100	4
		23U3ACE607/ 23U3ACE608/ 23U3CCE609	Discipline Specific Elective Paper III	5	3	25	75	100	4

	V	23U4ACS610/ 23U4ACZ611/ 23U4ACS612	Skill Based Paper IV	4	3	20	55	75	3
		22U5EXT601	Extension Activities	-	-	50	-	50	2
				30				625	25
Total								**3600**	**144**
Additional Credit (Optional)		Semester II - VI							10 $

 # Basic Tamil -Students who have not studied Tamil upto 12th standard.

##**Advanced Tamil** – Students who have studied Tamil language upto 12th standard and chosen other languages under part I of the programme but would like to advance their Tamil language skills.

* NME – Student shall choose any one course out of three courses.

@ No End Semester Examinations. Only Continuous Internal Assessment (CIA)

$ - Not included in Total marks & CGPA Calculation

List of Discipline Skill Based Papers (Offered by the Department)

Skill Based Paper	Course Code		Name of the Course
Skill Based Paper I	23U4ACS301	A	Human Resource Management
	23U4ACZ302	B	Photoshop - Practical
	23U4ACZ303	C	Digital Payment System - Practical
Skill Based Paper II	23U4ACS404	A	Advertising and Sales Promotion
	23U4ACZ405	B	Finance Modeling Through Spreadsheet - Practical
	23U4ACS406	C	Artificial Intelligence
Skill Based Paper III	23U4ACS507	A	Enterprise Resource Planning
	23U4ACZ508	B	Financial Statement Analysis - Practical
	23U4ACZ509	C	Statistical Package for Social Sciences - (SPSS) Practical
Skill Based Paper IV	23U4ACS610	A	Cyber Security and Law
	23U4ACZ611	B	Instrumental Enhancement in Banking - Practical
	23U4ACS612	C	Principles of Auditing

List of Elective papers (Choose any one of the paper)

Elective	Subject Code		Name of the Subject
Discipline Specific Elective – I	23U3ACE501	A	Brand Management
	23U3ACE502	B	Goods and Service Tax
	23U3ACE503	C	Consumer Affairs
Discipline Specific Elective – II	23U3ACE604	A	Business Finance
	23U3ACE605	B	Entrepreneurial Development
	23U3CCE606	C	Software Quality Assurance
Discipline Specific Elective - III	23U3ACE607	A	Investment Management
	23U3ACE608	B	Financial Markets
	23U3CCE609	C	E-Commerce

Extra Departmental Course offered by the Department to other Department Students

S. No.	Subject Code	Name of the Subject
1	22U4AC3ED1	Fundamentals of Accounting
2	22U4AC3ED2	Modern Banking

● Students need to opt a Course other than the Course offered by their Department.

Intra School Course offered by the Department to other Department Students (within the School)

S. No	Course Code	Name of the Course
1	22U4VBOE01	Design Ecosystem
2	22U4VBOE02	Design Thinking
3	22U4VBOE03	Disaster Management
4	22U4VBOE04	Environmental Pollution and Waste Management (EMS)
5	22U4VBOE05	History of Ancient India
6	22U4VBOE06	Indian Knowledge System
7	22U4VBOE07	Principles of Intellectual Property Rights
8	22U4VBOE08	Science, Society and Culture
9	22U4VBOE09	Community Engagement
10	22U4VBOE10	Emotional Intelligence
11	22U4VBOE11	Fundamentals of Tourism
12	22U4VBOE12	Health Education
13	22U4VBOE13	Media and Politics
14	22U4VBOE14	Positive Psychology and Work Life
15	22U4VBOE15	Professional Ethics
16	22U4VBOE16	The Science of Happiness
17	NCC	

● Students shall opt any course within their Schools.

● NCC – Students who qualify NCC B Certificate Examination need not appear for these open Electives. The Credits shall be transferred.

Self-Study Paper Offered by the Department

S. No.	Semester	Course code	Course Title
1	Semester II to V	22UACSS01	Capital Market Operations
2		22UACSS02	Personal Investment Management

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BoS - Commerce

Course Code	Title		
23U1TAM101	**Part - I : Elanthamizh (இளந்தமிழ்)**		
Semester: I	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
Course Objective	மொழி இலக்கியத்தின் வாயிலாக அறம் சார் பண்பு மற்றும் ஆளுமைமிக்க மாணவர்களை உருவாக்குதல்.		
Course Category	**Skill Development** (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)		
Development Needs	**Regional** (உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)		
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	சங்க இலக்கியங்கள் வாயிலாக சமூகச் சீர்திருத்தச் சிந்தனைகள் பெறப்படும்.	விரிவுரை/ காணொளிப்பட விளக்கம்	ஒப்படைவு
CO 2	அற இலக்கியங்களின் வழி தமிழர்களின் வாழ்வியல் பண்புகளைக் கற்று அறிதல்.	விரிவுரை	குழுத்திட்டம்
CO 3	பெண்ணியக் கவிஞர்களின் படைப்புத்திறனை மாணவர்களுக்கு உணர்த்துதல்	விரிவுரை/ காணொளிப்பட விளக்கம்	கருத்தரங்கு
CO 4	சிறுகதைகளின் வழி சமூக கருத்துகளை மாணவர்களுக்கு அறிவுறுத்தல்	விரிவுரை / குழு விவாதம்	ஒப்படைவு
CO 5	தமிழ் இலக்கிய வரலாற்றுத் திறனை வளர்த்தல்	விரிவுரை/ குழு விவாதம்	கருத்தரங்கு

Offered by	தமிழ்த்துறை

Course Content : Elanthamizh (இளந்தமிழ்)	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	சங்க இலக்கியம்	1. ஐங்குறுநூறு 2. பதிற்றுப்பத்து 3. பத்துப்பாட்டு - முல்லைப்பாட்டு 4. சிறுபாணாற்றுப்படை	கிள்ளைப்பத்து (281-290) பாடல்கள் இரண்டாம் பத்து (11-15 ஐந்து பாடல்கள்) முல்லைப்பாட்டு முழுவதும் (1-103 வரிகள்) சேரநாட்டின் வளமை
	Instructional Hours		**12 Hours**

Suggested Learning Methods: நாடக முறையில் கலந்துரையாடல்	

II	அற இலக்கியம் நீதிநூல்கள்	1. அறன் வலியுறுத்தல் 2. புகழ் 3. வாய்மை 4. நாலடியார்-பொருட்பால் 5. நான்மணிக்கடிகை	31 - 40 குறட்பாக்கள் 231 - 240 குறட்பாக்கள் 291 - 300 குறட்பாக்கள் 11 ஆவது அதிகாரம் (கூடா நட்பு 1-10) முதல் ஐந்து பாடல்கள்
	Instructional Hours		**12 Hours**

Suggested Learning Methods : ˙ கலந்துரையாடல்	

III	பெண்ணியக் கவிதைகள்	1. ஆண்டாள் பிரியதர்ஷினி 2. கவிஞர் இளம்பிறை 3. சுகிர்தராணி 4. அ. வெண்ணிலா	பூச்சி வாழ்க்கை- சுயம் பேசும் கிளி தொட்டிச்செடி அம்மா நீரில் அலையும் முகம்
	Instructional Hours		**12 Hours**

Suggested Learning Methods : புதுக்கவிதை எழுதும் திறன் பெற்றமை	

IV	சிறுகதைகள்	1. குட்டி ரேவதி 2. ஜெயமோகன் 3. ச.தமிழ்ச்செல்வன் 4. வண்ணநிலவன் 5. உமாமகேஸ்வரி	நிறைய அறைகள் உள்ள வீடு யானை டாக்டர் வெயிலோடு போய் எஸ்தர் மரப்பாச்சி

Instructional Hours	**12 Hours**

Suggested Learning Methods : சிறுகதை படைக்கும் திறன் பெற்றமை	

V	தமிழ் இலக்கிய வரலாறு	1. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும் 2. சிறுகதையின் தோற்றமும் வளர்ச்சியும் 3. படிமம், குறியீடு பற்றிய – விளக்கம்	தமிழ் இலக்கிய வரலாறு

Instructional Hours	**12 Hours**

Suggested Learning Methods : குழு விவாதம்	

Total Hours	**60 Hours**

Text Books	இளங்கலை முதலாம் ஆண்டுத்தமிழ் மாணவர்களுக்குரிய பாடநூல்''**இளந்தமிழ்**'' தொகுப்பு: தமிழ்த்துறை ,நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	சங்க இலக்கியம் - உரையாசிரியர் ஒளவை. துரைசாமிப்பிள்ளை, பதிப்பாசிரியர்கள் இரா.இளங்குமரனார், முனைவர்.பி.தமிழ்மகன், தமிழ்மண் அறக்கட்டளை, சென்னை.17. நிறைய அறைகள் உள்ள வீடு - குட்டிரேவதி எழுத்து பிரசுரம், 11மாடல் நகர், 10-ஆவது வீதி, சென்னை.
Web. URLs	https://youtu.be/2SMM5LvZYo0

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Seminar**	**Assignment**	**Group Project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	-	H	H	M	H	M	L	M	L	M
CO2	-	-	M	-	H	L	H	H	H	M	H	M	L
CO3	-	-	L	-	M	M	H	H	M	H	M	H	M
CO4	-	-	H	-	H	M	M	L	M	L	M	M	L
CO5	-	-	H	-	H	L	H	H	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. S. Satheesh kumar	Dr. A. Sridevi

Course Code			
23U1HIN101	**Part - 1 - Rachnathmak Hindi (रचनात्मक हिंदी)**		
Semester: I	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to all UG Programmes)			

Course Objective	हिंदी भाषा का अच्छा ज्ञान प्राप्त करने के लिए।
Course Category	**Skill Development**
Development Needs	**Regional**
Course Description	**Improves Accuracy & Quality, Improves Communication Skillls**

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	नाटक से रचनात्मकता का विकास होता है। यह हमारे आसपास की दुनिया को समझने में भी मदद करता है।	Lecture / Video Methods	Assignment
CO 2	कहानियां छात्रों की कल्पना और जिज्ञासा को जगाने में मदद करती हैं।	Case Studies	Group Project
CO 3	व्याकरण हिंदी भाषा को सही ढंग से बोलने, लिखने और समझने में मदद करता है। विज्ञापन लेखन और कहानी लेखन छात्रों को उनके रचनात्मक लेखन और कल्पना शक्ति को विकसित करने में मदद करेगा।	Lectures / Video Lessons	Seminar
CO 4	अनुवाद सभी लोगों के बीच प्रभावी संचार को सक्षम बनाता है।	Lecture / Video Methods	Assignment
CO 5	गद्यांश लेखन लिखित पाठ के सार को समझने और संदर्भ के आधार पर आपके निष्कर्षों का अनुमान लगाने में आपकी बुद्धिमत्ता का आकलन करता है।	Lecture / Dumb Charades	Seminar

Offered by	Hindi

Course Content			Instructional Hours / Week : 4	

Unit	Description	Text Book	Chapters
I	नाटक लड़ाई – 1979 – सर्वेश्वर दयाल सक्सेना	**1**	**All**
		Instructional Hours	**12**

Suggested Learning Methods : Visual Learning			
II	कहानी – 1. मजबूरी' – मन्नू भंडारी 2. ठाकुर का कुआँ – मुंशी प्रेमचंद 3. चीफ की दावत – भीष्म साहनी 4. भोलाराम का जीव –हरिशंकर परसाई	1	1 to 4
		Instructional Hours	**12**

Suggested Learning Methods : Auditory			
III	1. अनुप्रयुक्त व्याकरण – संज्ञा, सर्वनाम, क्रिया और विशेषण की पहचान करना। 2. विज्ञापन लेखन **3.** दिए गए संकेतों से कहानी लेखन।	1	1,2,3

			Instructional Hours	**12**
	Suggested Learning Methods : Comprehensive writing			
IV	**अनुवाद : अंग्रेज़ी से हिंदी** (**अनुवाद अभ्यास** – 3) 1 – 10 **अनुच्छेद**	3		1,2
			Instructional Hours	12
	Suggested Learning Methods : Auditory, Visual			
V	पारिभाषिक शब्दावली , गद्यांश लेखन	5		1,2
			Instructional Hours	12
	Suggested Learning Methods : Comprehensive writing			
			Total Hours	**60**

Text Books	1. नाटक लड़ाई – 1979 – सर्वेश्वर दयाल सक्सेना 2. 2. कहानी संग्रह 3. अनुवाद अभ्यास – 3 दक्षिण भारत हिंदी प्रचार सभा , चेन्नई –17 4. Bharatdarshan.co.nz 5. भाषाशास्त्र का पारिभाषिक शब्द कोश – राजेंद्र द्विवेदी 6. श्री रामदेव , व्याकरण प्रदीप, लोक भारती प्रकाशन, इलाहाबाद
Reference Books	संदर्भ ग्रंथ 1. हिंदी नाटक और रंगमंच – डॉ राम कुमार वर्मा 2. हिन्दी अलोचना की परीभाषिक शब्दावली – पेपरबैंक 3. आधुनिक हिंदी व्याकरण और रचना – डॉ. वासुदेव नंदन प्रसाद
Web. URLs	

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Group project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	-	-	H	M	M	L	-	-	M	M	M	M	M
CO2	-	-	H	L	L	H	-	-	H	M	H	M	M
CO3	-	-	-	L	M	H	-	-	L	M	M	M	L
CO4	-	-	M	M	H	L	-	-	M	H	M	L	H
CO5	-	-	L	M	H	L	-	-	M	M	L	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr.S.Swarnalatha	Dr.S.Swarnalatha

Course Code	
23U1MAL101	**Part - I : Kadhayum Samskaaravum** (കഥയും സംസ്കാരവും)
Semester: I	**Credits: 3** **CIA: 20 Marks** **ESE: 55 Marks**

(Common to all UG Programmes)	
Course Objective	ആധുനികകാലത്തെ മലയാളകഥകളെ കുറിച്ചും സംസ്കാരത്തെ കുറിച്ചും അവബോധം ഉണ്ടാക്കുന്നു
Course Category	Skill Development
Development Needs	Regional
Course Description	Improve accuracy & quality, improve communication

Course Outcomes		**Teaching Methods**	**Assessment Methods**
CO 1	കഥയുടെ സംവേദനം ആസ്വാദകന്റെ അഭിരുചിയെ പൂർത്തിയാക്കുന്നു	Lecture / Video Methods	Assignment
CO 2	പ്രകൃതിയുമായി ബന്ധപ്പെടുന്ന കഥാപരിസരം	Case studies	Group Project
CO 3	ഭക്ഷണവും അതിന്റെ സംസ്കാരവും കൂട്ടായ്മ ഉണ്ടാക്കുന്നു	Lectures / Video Lessons	Seminar
CO 4	ഭക്ഷണത്തിന്റെ മൂല്യം അർത്ഥവത്താക്കുന്നു	Lecture / Video Methods	Assignment
CO 5	ആശയ വിപുലനം	Lecture / Dumb Charades	Seminar

Offered by	**Malayalam**

Course Content	**Instructional Hours / Week : 4**

Unit	**Description**	**Text Book**	**Chapters**
I	ചെറുകഥകൾ - സമകാലിക കഥകൾ 1. പരുന്ത് - ഇ.സന്തോഷ്കുമാർ 2. പാലാഴിമഥനം - കെ.രേഖ 3. കുളവാഴ - വി .എം .ദേവദാസ് 4. മരണമുണ്ടാക്കിക്കളിക്കാം - പി .വി ഷാജികുമാർ 5. കക്കുകളി - ഫ്രാൻസിസ് നൊറോണ	1	1 to 5
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			
II	നവോത്ഥാനകഥകൾ 1. വെള്ളപ്പൊക്കത്തിൽ - തകഴി 2. ബസു യാത്ര - കേശവദേവ് 3. മരപ്പാവകൾ - കാരൂർ 4. മാണിക്കൻ - ലളിതാംബിക അന്തർജനം 5. ജന്മദിനം - ബഷീർ	1	6 to 10
	Instructional Hours		**12**
Suggested Learning Methods : Auditory			
III	സംസ്കാര പഠനം - കേരളത്തിലെ രുചിഭേദങ്ങൾ 1. കാസർകോടും കന്നയാളവും ദൈവവിപ്ലവത്തിന്റെ കണ്ണൂരും	1	1,2,3

	2. സാമൂതിരി ,മുട്ടമാല ,എരന്ത് ,ബ്രാഹ്മണാൾ -(കോഴിക്കോട്) 3. മലപ്പുറം കേരളത്തിൻറെ അറേബ്യ		
	Instructional Hours		**12**

Suggested Learning Methods : Comprehensive writing			
IV	സംസ്കാര പഠനം - കേരളത്തിലെ രുചിഭേദങ്ങൾ 1. ചേട്ടായിയെ ഇത് ശൂരാട്ടാ - തൃശ്ശൂർ 2. കരിമ്പനകളുടെ നാട്ടിൽ - പാലക്കാട്	1	4,5
	Instructional Hours		**12**

Suggested Learning Methods : Auditory, Visual			
V	നവമാധ്യമങ്ങൾ - വിവർത്തനം	1	1,2,3
	Instructional Hours		**12**

Suggested Learning Methods : Comprehensive writing			
	Total Hours		**60**

Text Books	1. ചെറുകഥകൾ - (10 ചെറുകഥകൾ) 2. സംസ്കാര പഠനം - നാടൻ കേരള എക്സ്പ്രസ്സ് ഡോ.സി. ഗണേഷ്, ഗ്രീൻ ബുക്ക്സ് തൃശ്ശൂർ 3. നവമാധ്യമങ്ങൾ - ടി.കെ .സന്തോഷ്കുമാർ ഡി.സി.ബുക്ക്സ് കോട്ടയം
Reference Books	1. എം. അച്യുതൻ - ചെറുകഥ ഇന്നലെ ഇന്ന് - ഡി.സി.ബുക്ക്സ് കോട്ടയം 2. ചെറുകഥയുടെ ഛന്ദസ്- വി. രാജകൃഷ്ണൻ മാതൃഭൂമി ബുക്സ് കോഴിക്കോട് 3. പുതിയ കഥ പുതിയ വായന - എഡി : ഡോ.ഷീബാ ദിവാകരൻ പുസ്തകലോകം പ്രസധീകരണം കോഴിക്കോട് 4. കേരള സംസ്കാരം - എ .ശ്രീധര മേനോൻ നാഷണൽ ബുക്ക്സ് കോട്ടയം 5. ന്യൂസ് റൂമിൻറെ അകവും പുറവും - ബി.ആർ .പി.ഭാസ്കർ ഗ്രീൻ ബുക്സ് തൃശ്ശൂർ
Web. URLs	http://www.keralaculture.org>literature

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Group project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO 5**
CO1	H	H	H	M	H	H	H	H	**M**	**L**	**M**	**M**	**M**
CO2	H	H	H	L	H	M	H	H	**L**	**M**	**H**	**H**	**L**
CO3	H	M	H	M	M	H	H	M	**M**	**M**	**L**	**M**	**M**
CO4	H	H	L	M	L	H	H	H	**M**	**M**	**M**	**L**	**H**
CO5	H	L	L	L	H	H	H	L	**H**	**M**	**M**	**M**	**M**

H-High; M-Medium; L-Low

Course designed by	**Verified by Chairman**
Ms. N. RAJANI	Dr. SMITHA C. R.

Course Code	Title		
23U1FRN101	**Part - I : Le Français Fondamental - I**		
Semester : I	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to all UG Programmes)			
Course Objective	Acquisition of standard French through fundamental French grammar.		
Course Category	Skill Development		
Development Needs	Global		
Course Description	This course has basic knowledge of the French grammar and aims to build a solid foundation in the acquisition of standard French through fundamental French grammar		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Learn basic French grammar along with French civilisation	Lecture	Assignment
CO 2	Knows the gender of nouns	Word game/ Lecture	Seminar
CO 3	Learn Negation, articles, and understand the usage of prepositions.	Lectures / Video Lessons	Quiz
CO 4	Learn Futur proche, Pronominal verb,	Tutorial / Case Studies	Assignment
CO 5	Know to self-introduce and translate simple sentences	Lecture /	Group project

Offered by	**French**

Course Content		**Instructional Hours / Week : 4**	
Unit	**Description**	**Text Book**	**Chapters**
I	Mes cinq sens en action	**1**	0
	Instructional Hours		**12**
Suggested Learning Methods: Worksheets , Reading practice			
II	S'ouvrir aux autres	1	1
	Instructional Hours		**12**
Suggested Learning Methods: Kahoot App, Worksheets			
III	Partager son lieu de vie	1	2
	Instructional Hours		**12**
Suggested Learning Methods : Audio & Visual, Speaking practice			
IV	Vivre au quotidien	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive Writing			

V	S'ouvrir à la culture	1	4

	Instructional Hours	**12**

Suggested Learning Methods: Translating simple sentences, comprehending the passage.		

	Total Hours	**60**

Text Books	Saison 1 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Dupleix (Unit 0 to 4)
Reference books	A1 Echo Méthode de Français
Web. URLs	Lingua.com, TV 5 app,

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Quiz**	**Total**
4	4	5	2	2	3	20

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	M	H	H	-	-	M	H	M	M	M
CO2	-	-	H	L	H	M	-	-	H	M	M	H	M
CO3	-	-	-	M	M	H	-	-	M	L	M	M	H
CO4	-	-	L	M	L	H	-	-	M	H	M	L	L
CO5	-	-	L	-	H	-	-	-	M	M	L	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Mr. D. Balaji	Dr. R. Malathi

Course Code	Title		
23U2ENG101	**Part – II : Professional English – I**		
Semester : I	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**

(Common to all UG Programmes)	
Course Objective	To help students to imbibe, develop, practice and use the LSRW skills and fine tune their productive skills.
Course Category	Skill Development
Development Needs	Global
Course Description	SD: Helps to develop LSRW skill

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Recognize listening, and reading proficiency through the prose discourses.	Lecture/Tutorial	Assignment
CO 2	Use and interpret imaginative, and creative skills through the poetic genre.	Lecture/Tutorial	Assignment
CO 3	Enhance the students to use English effectively through short story.	Lecture/Tutorial	Speaking
CO 4	Execute and exercise grammatical skills in academics and career.	Lecture/Tutorial	Reading
CO 5	Evaluate the LSRW skills through literature.	Lecture/Tutorial	Writing

Offered by	**Department of English**

Course Content	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	**Prose** Leigh Hunt – Getting Up On Cold Morning Rajagopalachari – Tree Speaks A.G. Gardiner – On the Rule of the Road **Listening Activity** – Comprehension practice from Prose.	1	1-3
	Instructional Hours		**12**

Suggested Learning Methods : Flipped Learning

Unit	Description	Text Book	Chapters
II	**Poetry** John Milton – On His Blindness Maya Angelou -Phenomenal Women A. K. Ramanujan – A River **Speaking Activity** – Group Discussion Forum	1	4-6
	Instructional Hours		**12**

Suggested Learning Methods : Flipped Learning

III	**Short Stories** O. Henry – The Last Leaf R. K. Narayan – The Missing Mail Oscar Wilde - The Happy Prince **Reading Activity** – Pronunciation practice and enhancement from Short-stories	1	7-9
	Instructional Hours		**12**

Suggested Learning Methods : Tutorial			
IV	**Grammar** Parts of Speech Tenses Kinds of Sentences **Writing Activity** – Paragraph Writing using grammar Components	1	10-13
	Instructional Hours		**12**

Suggested Learning Methods : Tutorial			
V	**Writing Skills** Letter Writing (Formal & Informal) Notice, Writing Circular Memo, Advertisement Minutes of the Meeting	1	14-17
	Instructional Hours		**12**

Suggested Learning Methods : ABL		
	Total Hours	**60**

Text Books	Compiled by the Department of English, NASC.
Reference Books	CLIL (Content & Language Integrated Learning) – Module by TANSCHE NOTE: (Text: Prescribed chapters or pages will be given to the students by the department and the college)
Web. URLs	https://www.youtube.com/watch?v=QrUPneyZNf0

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Speaking	Reading	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	L	M	M	H	M	H	H	M	H	M
CO2	M	L	H	L	H	M	H	M	H	H	M	H	M
CO3	M	L	H	L	H	H	H	H	H	H	M	H	M
CO4	M	L	H	L	H	L	H	H	H	H	M	H	H
CO5	H	M	H	L	H	H	H	H	H	H	H	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
D. PRADEEK	Dr. R. MALATHI

Course Code	Title		
23U3ACC101	**Core Paper I - Principles of Accountancy**		
Semester: I	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/IT/Banking)			

Course Objective :	Make students understand the basic Concepts and Conventions of Accounting Transaction.
Course Category :	Employability
Development Needs :	Regional
Course Description :	This course is an introduction to the fundamental concepts of financial accounting as prescribed by Generally Accepted Accounting Principles (GAAP) as applied to Transactions and events that affect business organizations.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Explain fundamentals of accounting.	Problem Solving Method	Assignment
CO 2	Determine the errors and rectification and prepare bank reconciliation statement.	Problem Solving Method	Assignment
CO 3	Prepare final accounts.	Problem Solving Method	Work Sheet
CO 4	Demonstrate an understanding of the concepts of average due date and Account Current.	Problem Solving Method	Work Sheet
CO 5	Apply depreciation methods.	Problem Solving Method	Work Sheet

Offered by	Commerce	

Course Content		Instructional Hours / Week: 5	
Unit	**Description**	**Text Book**	**Chapters**
I	**Fundamentals of Accounting:** Meaning and Definition of Accounting - Bookkeeping - and Accounting Concepts and Conventions.	1	2
	Accounting Principles: Indian Accounting Standards - Accounting Standards in India- International Accounting Standards (only Outlines)	1	1
	Preparation of Journal Entries –Ledger Accounts –Preparation of Trial balance	4	2B, 3
	Instructional Hours		**15**
Suggested Learning Methods: Mind Mapping			
II	**Rectification of Errors**- Classification of Errors - Location of Errors - Suspense accounts. **Bills of Exchange:** Accounting entries in the books of Drawer and Acceptor – Renewal and Retiring of a Bill – Accommodation Bill.	2	4
	Bank Reconciliation Statement (BRS): Meaning – Need – Preparation of Bank Reconciliation Statement.	3	9
	Instructional Hours		**15**
Suggested Learning Methods: Case Study			
III	**Final Accounts**: Trading Account, Profit & Loss Account and Balance Sheet – Adjustment entries.	3	12
	Instructional Hours		**15**
Suggested Learning Methods: Case Study			
IV	**Account Current:** Definition and Meaning – Methods of Account current.	2	6
	Average Due Date: Concept and Importance – Uses of Average Due date – Calculation of Average due date.	2	7

	Accounts of Professionals	5	34
	Instructional Hours		**15**
Suggested Learning Methods: Case Study			
V	**Depreciation** – Concept of Depreciation - Causes of Depreciation- Importance and Features of Depreciation -Methods (Straight Line Method, Written Down Value Method and Annuity Method) - Computation and Accounting Treatment.	4	11
	Reserves and Provisions: Types of Reserves – Difference between Reserves and Provisions. **(Theory Only)**	4	10
	Instructional Hours		**15**
Suggested Learning Methods: Case Study			
	Total Hours		**75**

Text Books:	1. S.P. Jain and K.L. Narang., **Financial Accounting**, Kalyani Publishers, 2020. 2. T.S Reddy and A. Murthy., **Financial Accounting**, Margham Publications, 2023. 3. Robert N Anthony, David Hawkins, Kenneth A. Merchant, Accounting: Text and Cases. McGrawHill Education, 13th Ed. 2017.
Reference Books:	1. M.P. Gupta and B.M Agarwal, **Advanced Accountancy**, Sultan Chand and Sons, 2022. 2. M.C. Shukla, T.S. Grewal and S.C. Gupta, **Advanced Accounts**, S. Chand and Company Pvt. Ltd., 2016. 3. R.L. Gupta, **Advanced Accounts,** Sultan Chand & Sons, New Delhi, 2017. 4. M.C.Sukla, T.S.Grewal and S.C Gupta, **Advanced Accounting,** Sultan Chand &Sons, New Delhi, 2015.R.L.
Web. URLs	1. https://taxguru.in/chartered-accountant/basics-accounting-conventions-principles-concepts.html

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Work Sheet**	**Class Participation**	**TOTAL**
5	5	6	3	3	3	25

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	L	L	L	L	H	L	L	M	H	M	H	M	H
CO2	L	L	L	L	M	L	L	M	H	H	L	H	H
CO3	L	L	L	L	M	L	L	H	H	L	M	H	L
CO4	L	L	L	L	M	L	L	M	M	M	H	M	M
CO5	L	L	L	L	M	L	L	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. A.Vrindha	Dr. R. Mahadevi

Course Code	Title
23U3CCC102	Core Paper – II : Introduction to Information Technology

Semester: I	Credits: 4	CIA: 25 Marks	ESE: 75 Marks

Course Objective:	Enable students acquire thorough knowledge on the concepts and principles of information.
Course Category:	Skill
Development Needs:	Global
Course Description:	This course is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication

Course Outcomes		Teaching Methods	Assessment Methods
CO1	Understand the principles and concepts of Information Technology	Video Lessons	Assignment
CO2	Distinguish the types of computers and its generations	ICT tools	Assignment
CO3	Ability to generate programme flow charts	ICT tools	Quiz
CO4	Insight on different types of operating system	Flipped Classroom	Seminar
CO5	Capability to create Business Process Automation	ICT tools	Assignment

Offered by	Commerce

Course Content			Instructional Hours / Week : 5	

Unit	Description	Text Book	Chapters
I	Hardware and Software: computer systems, importance of computers in business.	1	6
	Data and information, data processing, data storage and data retrieval capabilities, computer applications in various areas of business, computer related jobs in business	1	7
	Instructional Hours		**15**

Suggested Learning Methods : Demonstration through Online

Unit	Description	Text Book	Chapters
II	Types of computer systems: Micro, mini, mainframe and super Computers. Analog, digital and Hybrid computers, business and Scientific computer systems, First, second, third and fourth generation computers, Laptop and notebook computers.	2	1
	Data processing systems: batch, online and Real time system. Time sharing, multiprogramming and multiprocessing systems. Networks: Local and Wide Area Networks.	2	1
	Instructional Hours		**15**

Suggested Learning Methods : Networking Demo

Unit	Description	Text Book	Chapters
III	Components of computers: input, output and storage devices - software: system software and Application software - Programming languages: machine language - assembly language - higher level languages.	1	10
	Flowchart and programme flow charts. Steps in developing a Computer programme.	2	3
	Instructional Hours		**15**

Suggested Learning Methods : Poster Making

Unit	Description	Text Book	Chapters
IV	Operating systems: Dos, windows, VISTA windows 8, Windows 10.	2	4
	E-Commerce: Internet- Extranet- e-mail and its uses-world wide Websites-mobile computers.	2	4
	Instructional Hours		**15**

Suggested Learning Methods : Real-time Websites examples			
V	Business Applications: Overview and types - Business Process Automation (BPA) – Phases of BPA Implementation - Applications that help entity to achieve BPA - Information Processing & Delivery channels and their role in Information Systems – Business Models B2B, B2C, C2C.	3	4
	Key types of Application Controls to BPA – Objectives and types of controls - Emerging technologies – Virtualization, Grid Computing, Cloud delivery model.	3	3
	Instructional Hours		**15**

Suggested Learning Methods : Poster Making	
Total Hours	**75**

Text Books :	1. Alexis Leon and Mathews Leon, **Introduction to Computers**, Vijay Nicole Imprints Ltd., 2009. 2. SangitaSardana, Sunil Malhotra, **Introduction to Information Technology**, Kalyani Publishers, 2012. 3. Dr.P.BabaGnanakumar, **Information Technology**, McGraw Hill Education (India), Edition 2014
Reference Books :	1. AksoyPelin, Denardis Laura, **Introduction to Information Technology**, Cengage Learning, 2006. 2. Turbon, Rainer, Potter, **Introduction to Information Technology**, Willy India Pvt. Ltd., 1998.

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
5	5	6	3	3	3	25

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title
23U3ACP103	**Core Paper–III Computer Application Practical–I** **(MS Office and Google Applications)**
Semester: I	**Credits: 2**	**CIA: 20 Marks**	**ESE: 30Marks**

| **(Common to B.Com CA /PA/ IT/ Banking)** |||

Course Objective:	Provide practical knowledge on Open Office and Google Applications
Course Category:	Skill Development
Development Needs:	Global
Course Description:	Create a various documents as per the instruction given

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand the concepts of Libre Office	Hands on training	Demonstration
CO 2	Create documents using different formats	Creative Thinking	Behavioural
CO 3	Effective use of Calc for Business reporting	Logical Analysis	Imitation
CO 4	Ability to create Bulk mailing list	Applications process	Diagnostic
CO 5	Develop presentation skill by using impress	Complexity Analyze	Tactic Method

Offered by	**Commerce**

Course Content	**Instructional Hours / Week : 4**

Sl. No	**List of Programs (10 Programs) Computer Lab**	
	Introduction to Open Office–Features available in Open Office– Open Document File Format– Accessibility Features.	
1	Create a resume for a vacancy in a company along with a covering letter.	Writer
2	Create a brochure for an event organized by the Department	Writer
3	Create a Spreadsheet detailing Household Expenses for a month	Calc
4	Create a Balance Sheet of a Company	Calc
5	Create a presentation of a research paper to be presented in a conference *(minimum of TEN slides)*	Impress
6	Create a Bulk Mailing List using Base and Writer	Base &Writer
7	Create a student's database with basic details, marks secured and other relevant information *(minimum of TEN data)*	Base
8	Create a Google forms for Student feedback form of Guest Lecture.	Forms
9	Create a Google Sheets for Collecting Personal details newly admitted students.	Sheets
10	Create a Google Classroom for Collecting Assignment.	Google Classroom
		Total Hours **60**

Tools for Assessment (20 Marks)							
Creative Thinking		Lab Performance		Report	Test 1	Test 2	Observation Note	Total
3		3		3	4	4	3	20

Mapping													
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	M	M	M	M	M	H	L	M	M	M	L
CO2	H	M	M	L	M	M	H	M	M	M	M	M	M
CO3	M	M	L	M	M	M	M	M	M	H	M	M	H
CO4	M	L	L	H	M	L	M	M	M	M	L	M	L
CO5	M	M	M	M	M	M	M	M	M	H	M	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. D. Samundeeswari	Dr.R. Mahadevi

Course Code	Title		
23U3MAA101	**Allied Paper I : Mathematics for Business**		
Semester: I	**Credits : 4**	**CIA : 25 Marks**	**ESE : 75 Marks**
(Common to all B.Com Programmes)			
Course Objective	To provide the basic concepts of Algebra and learn the applications of calculus in business Problems.		
Course Category	**Skill Development**		
Development Needs	**Regional**		
Course Description	This course offers complete skill to understand basic function of Mathematics and to apply the arithmetic skills in real Business scenario.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Memorize the basic concepts of Set theory, Simple and Compound Interest	Lecture / Peer Teaching	Problem solving
CO 2	Solve Simultaneous Linear Equations.	Lectures / Tutorial	Assignment
CO 3	Solve the business problems using the concepts of Derivatives.	Group Learning / Lecture	Seminar
CO 4	Implement the ideas of Integration in Business problems.	Lectures / Video Lecture	Problem solving
CO 5	Relate the concepts of LPP in Decision making environment.	Lecture /Tutorial	Quiz / Assignment

Offered by	**Mathematics**

Course Content	**Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapters
I	Sets -Types of sets -Venn diagram - Set operations – Laws and Properties of Sets – Number of Elements.	**1**	**3**
	Mathematics for Finance - Simple and Compound Interest.	**1**	**2**
	Instructional Hours		**15**
Suggested Learning Methods : Problem solving Practice			**02 Hrs**
II	**Matrix:** Basic Concepts – Addition and Multiplication of Matrices – Inverse of a Matrix: Cramer's rule and Matrix Inversion Method – Rank of Matrix- Solution of Simultaneous Linear Equation.	1	4
	Instructional Hours		15
Suggested Learning Methods : https://youtu.be/1Q5Z1fGeLqk			**02 Hrs**
III	**Variables, Constants And Functions:** Limits of Algebraic Functions – Simple Differentiation of Algebraic Functions.	1	5
	Meaning of Derivations: Evaluation of First and Second order Derivatives – Maxima and Minima – Application to Business Problems.	1	6,7
	Instructional Hours		15
Suggested Learning Methods : Group Discussion & Oral Test			**02 Hrs**

IV	**Elementary Integral Calculus:** Determining Indefinite and Definite Integrals of simple Functions – Integration by Parts.	1	8
	Instructional Hours		15

Suggested Learning Methods : Problem solving Practice	**02 Hrs**

V	**Linear programming Problem:** – Mathematical Formulation – Graphical Method and Simplex Method (Simple problems only).	1	9
	Instructional Hours		15

Suggested Learning Methods : Problem solving Practice & Class Test	**02 Hrs**
Total Hours	75 Hrs

Text Books	1. **Text Book(s):** P. A. Navanitham, **Business Mathematics & Statistics (Part -I),** Jai Publishers, June 2008.
Reference Books	1. S.P. Gupta, **Statistical Methods,** Sultan Chand & Sons, 2014. 2. D.C. Sanchetti and V.K. Kapoor, **Business Mathematics**, Sultan Chand Co Ltd., New Delhi, 1999 3. Kalavathy, **Operations Research,** Vikas Publishing House Pvt.Ltd., 2009
Web. URLs	1. https://www.youtube.com/watch?v=oaOm2pnKkyY (Set Theory) **2.** https://youtu.be/1Q5Z1fGeLqk , https://youtu.be/4Augy2kdEUE (Rank of a Matrix) **3.** https://youtu.be/c_0b_nBCKnU, https://youtu.be/qO1SYFZVmhY (Simple & Compound Interest)

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Problem Solving Ability**	**Total**
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	L	H	M	H	H	L	H	M	H	M	H
CO2	H	M	L	M	M	M	M	L	H	H	L	H	H
CO3	H	M	L	H	H	H	H	L	H	L	M	H	L
CO4	H	M	L	H	M	M	H	L	M	M	H	M	M
CO5	H	M	L	H	H	H	H	L	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms.S.RUTH KETHSIAL	Dr. T. CHANDRAPUSHPAM

Course Code	Title	
21U4ENV101	**Ability Enhancement Compulsory Course - Environmental Studies**	
Semester : I	**Credits : 2**	**CIA : 50 Marks**
(Common to all UG Programmes)		
Course Objective	This course enables the students to recognize the interconnectedness of multiple factors in environmental challenges and communicate clearly and competently matters of environment concern.	
Course Category	Employability	
Development Needs	National & Global	

	Course Outcomes	Teaching Methods	Assessment Methods
CO 1	Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions	Lecture/ Video Lectures	Album Preparation
CO 2	Understand concepts and methods from ecological and physical sciences and their application in environmental problem solving.	Lecture/ Peer Teaching	Album Preparation
CO 3	Solve the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.	ABL/ Group Discussions	Group Discussions
CO 4	Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.	Video Lessons/ Group discussions	Group Discussions
CO 5	Apply systems concepts and methodologies to analyse and understand interactions between social and environmental processes.	Field visits	Field visit Report

Course Content		Instructional Hours / Week : 2	

Unit	Description	Text Book	Chapters
I	**Natural Resources:** Forest resources, Water resources, Mineral resources, Food resources, Energy resources and Land resources.	1	2
	Instructional Hours		**6**

Suggested Learning Methods: Video lectures

Unit	Description	Text Book	Chapters
II	**Ecosystems:** Concept of an ecosystem, Structure and function; Introduction, types, characteristic features, structure and function of ecosystem - Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). **Activity: Prepare an album on types of Ecosystem.**	1	3
	Instructional Hours		**6**

Suggested Learning Methods: Peer Teaching

Unit	Description	Text Book	Chapters
III	**Environmental Pollution:** Definition Causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution and Noise pollution, Solid waste management. **Activity: Discuss the solutions for water pollution**	1	5
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

IV	**Social Issues and the Environment:** Water conservation, rain water harvesting, watershed management, Environmental ethics - Issue summits' and possible solutions and Public awareness. **Activity: Identify and analyse a Social Issue and an Environment issue in your locality.**	1	6
		Instructional Hours	**6**

Suggested Learning Methods : Role Play

V	**Disaster Management:** Floods, Earthquakes, Cyclones, Landslides: From management to mitigation of disasters: The main elements of a mitigation and measures of strategy: Floods, Earthquakes, Cyclones and Landslides	2	16
		Instructional Hours	**6**

Suggested Learning Methods : Group Discussion

Field Work: Visit to local area to document Environmental assets (River / Forest / Grass land / Mountain), Visit to local polluted site (Urban / Rural /industrial / Agricultural), Study of common plants, insects, birds, Study of simple ecosystem: Pond, River, Hill slopes.

	Total Hours	**30**

Text Book(s):	1. Shashi Chawla. A Text Book of Environmental Studies, Tata McGraw-Hill, 2012. 2. From UGC website: https://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf
Reference Book(s):	1. Agarwal, K.C. 2001 Environmental Biology, Nidi Public Ltd., Bikaner. 2. Jadhav, H &Bhosale, V.M. 1995 Environmental Protection and Laws Himalaya Pub.House, Delhi 284 p. 3. Mckinney, M.L. &Schoch R.M. 1996. Environmental Science systems & Solutions 4. Odum, E.P. 1971 Fundamentals of Ecology. W.B. Saunders Co. USA. 574 p 5. Rao MN &Datta, A.K. 1987 Waste Water treatment, Oxford & IBH Publication Co. Pvt. Ltd., 345 p.

Tools for Assessment (50 Marks)

Ecosystem Album Preparation	Field visit and report submission	Group discussions about issues related to their locality / about Disaster Management	CIA Test	Total
10	10	5	25	50

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	L	H	H	H	H	L	L	M	M	H	L
CO2	L	-	L	H	H	H	H	L	L	H	L	M	M
CO3	L	-	L	H	H	H	H	L	L	M	L	M	H
CO4	L	-	L	H	H	H	H	L	L	H	M	L	M
CO5	L	-	L	H	H	H	H	L	L	M	H	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. M. Thangavel	Dr. M. Thangavel

Course Code	Title		
23U1TAM202	**Part - I : Pynthamizh (பைந்தமிழ்)**		
Semester: II	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
Course Objective	மொழி இலக்கியத்தின் வாயிலாக அறம் சார் பண்பு மற்றும் ஆளுமை மிக்க மாணவர்களை உருவாக்குதல்.		
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)		
Development Needs	Global /Regional(உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)		
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	பக்தி இலக்கியங்கள் வழி வாழ்வியல் நெறிகளை மாணவர்களுக்கு எடுத்துரைத்தல்	விரிவுரை/காணொளிப்பட விளக்கம்	ஒப்படைவு
CO 2	சிற்றிலக்கியங்களின் மூலம் தமிழர்களின் வாழ்க்கை கூறுகளை எடுத்துரைத்தல்	விரிவுரை	குழுத்திட்டம்
CO 3	தமிழ் நாவல்களின் வழி சமுதாயச் சிந்தனைகளைக் கூறுதல்	விரிவுரை/காணொளிப்பட விளக்கம்	கருத்தரங்கு
CO 4	இலக்கண அறிவை வளர்த்தல்	விரிவுரை	ஒப்படைவு
CO 5	தமிழ் இலக்கிய வரலாற்றுத்திறனை மேம்பாடு அடையச் செய்தல்	விரிவுரை/ குழு விவாதம்	கருத்தரங்கு

Offered by	தமிழ்த்துறை

Course Content: Pynthamizh (பைந்தமிழ்)			Instructional Hours / Week : 4

Unit	Description		Text Book & Chapters
I	பக்தி இலக்கியங்கள்	1. திருமந்திரம் - மூன்றாம் தந்திரம் (அதிகாரம் 2) 2. நாலாயிரத் திவ்வியப்பிரபந்தம்-பெரியாழ்வார் 3. மாணிக்கவாசகர்-எட்டாம் திருமுறை 4. திருநாவுக்கரசர்- திருவரங்கமாலை	அட்டமாசித்திகள் திருப்பல்லாண்டு அச்சோப்பதிகம் நான்காம் திருமுறை - தேவாரம்
	Instructional Hours		**12 Hours**
Suggested Learning Methods: ஆன்மிக சிந்தனைத்திறன் பெற்றமை			
II	சிற்றிலக்கியங்கள்	1. கலம்பகம் - நந்திக்கலம்பகம் 2. பள்ளு – முக்கூடற்பள்ளு 3. குறவஞ்சி – திருக்குற்றாலக்குறவஞ்சி 4. பிள்ளைத்தமிழ் - மீனாட்சியம்மை பிள்ளைத்தமிழ் 5. பட்டினத்தார் பாடல்கள்	91 -100 பாடல்கள் 350 - 360 செய்யுள்கள் 1-10 செய்யுள்கள் 1 -10 செய்யுள்கள் 358 - 367 பாடல்கள்
	Instructional Hours		**12 Hours**
Suggested Learning Methods : கலந்துரையாடல்			
III	நாவல்	1. இமையம் (வெ.அண்ணாமலை)	செல்லாத பணம்
	Instructional Hours		**12 Hours**
Suggested Learning Methods : நாவல் எழுதும் திறன் பெற்றமை			

IV	இலக்கணம்	1. வல்லினம் மிகும் இடங்கள் 2. வல்லினம் மிகா இடங்கள் 3. யாப்பின் உறுப்புகள் (எழுத்து முதல் தொடை வரை) 4. பாவின் வகைகள்	தமிழ் இலக்கணம்
		Instructional Hours	**12 Hours**
Suggested Learning Methods : பிழையின்றி தமிழ் எழுதுதல்			
V	தமிழ் இலக்கிய வரலாறு	1. சிற்றிலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 2. புதினத்தின் தோற்றமும் வளர்ச்சியும் 3. பக்தி இலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 4. விண்ணப்பங்கள், மடல்கள் எழுதச்செய்தல்	தமிழ் இலக்கிய வரலாறு
		Instructional Hours	**12 Hours**
Suggested Learning Methods : குழு விவாதம்			
		Total Hours	**60 Hours**

Text Books	1. இளங்கலை முதலாம் ஆண்டுத்தமிழ் மாணவர்களுக்குரிய பாடநூல் "பைந்தமிழ்" தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	1. திருமந்திரம் - மாணிக்கவாசகர் அருளிய திருவாசகம் - சித்தாந்த பண்டிதர் திரு.ப.இராமநாத பிள்ளை விளக்க உரையுடன் கழக வெளியீடு, திருநெல்வேலி, 2. தமிழண்ணல் - புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சிப் புத்தக நிலையம் மதுரை.
Web. URLs	https://youtu.be/cL89sSZq_FI

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Group Project	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	L	H	H	M	H	M	L	L	M	M
CO2	H	L	M	L	H	L	H	H	M	M	M	H	M
CO3	H	L	L	L	M	M	H	H	M	H	L	M	L
CO4	H	L	H	L	H	M	M	L	L	M	M	L	H
CO5	H	L	H	L	H	L	H	H	M	M	H	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr. S. Satheesh kumar	Dr. A.Sridevi

Course Code	Title
23U1HIN202	**Part - 1 Sanchar Hindi (संचार हिन्दी)**

Semester: II	Credits: 3	CIA: 20 Marks	ESE: 55 Marks

(Common to all UG Programmes)				

Course Objective	पाठ्यक्रम संवादी हिंदी में पारंगत होने में मदद करता है।
Course Category	**Skill Development**
Development Needs	**National**
Course Description	**Improves Reading and Translation Skills.**

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	कविता की मूल शब्दावली और व्यावहारिक तत्वों को समझें। मुक्त छंद और कविता के पारंपरिक रूपों में अंतर्निहित सामान्य तकनीकों को समझें।	Lecture / Video Methods	Assignment
CO 2	छात्र विभिन्न प्रकार की संवादात्मक स्थितियों में हिंदी में प्रदर्शित करने, चित्रित करने, नाटक करने और व्याख्या करने के लिए अर्जित कौशल को लागू करने में सक्षम होंगे	Case Studies	Group Project
CO 3	छात्र औपचारिक और अनौपचारिक पत्र लिखने में सक्षम होंगे।	Lectures / Video Lessons	Seminar
CO 4	अनुवाद सभी लोगों के बीच प्रभावी संचार को सक्षम बनाता है।	Lecture / Video Methods	Assignment
CO 5	छात्र हिंदी भाषा के वक्ता के साथ किसी भी सामान्य विषय पर विभिन्न स्तरों पर बातचीत करने में सक्षम होंगे I	Lecture / Dumb Charades	Seminar

Offered by	Hindi

Course Content	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	आधुनिक हिंदी काव्य : रश्मिरथी , रामधारी सिंह 'दिनकर'	1	All
		Instructional Hours	**12**

Suggested Learning Methods : **Visual Learning**			**02 Hrs**
II	एकांकी संग्रह : 1. **शिवाजी का सच्चा स्वरूप** – सेठ गोविंददास 2. औरंगजेब की आखिरी रात – रामकुमार वर्मा 3. रीढ़ की हड्डी – जगदीशचंद्र माथुर 4. सिपाही की माँ – मोहन राकेश	1	1 to 4
		Instructional Hours	**12**

Suggested Learning Methods : **Auditory**			**02 Hrs**
III	पत्र लेखन : (छुट्टी पत्र , संपादक को पत्र , पुस्तकों के लिए आदेश पत्र , नौकरी के लिए आवेदन पत्र , निजी पत्र)	1	1,2,3
		Instructional Hours	**12**

	Suggested Learning Methods : Comprehensive writing		**02 Hrs**
IV	**अनुवाद : हिंदी से अंग्रेजी** (**अनुवाद अभ्यास** – 3) 1 – 10 passages	3	1,2
	Instructional Hours		**12**

	Suggested Learning Methods : Auditory, Visual		**02 Hrs**
V	बोलचाल की हिन्दी : 1. शिक्षक – विद्यार्थी 2. ग्राहक-दुकानदार 3. डॉक्टर – रोगी, 4. साक्षात्कार 5. दो यात्री 6. माँ – बेटा	5	1,2
	Instructional Hours		**12**

Suggested Learning Methods : Comprehensive writing		**02 Hrs**
Total Hours		**60**

Reference Books	1. रश्मिरथी / रामधारी सिंह "दिनकर" – कविता कोश 2. सरस एकांकी नाटक : डॉ. रामकुमार वर्मा 3. अनुवाद अभ्यास – 3 दक्षिण भारत हिंदी प्रचार सभा , चेन्नई –1
Reference Books	1. श्रेष्ठ हिन्दी एकांकी –डॉ विजयपाल सिंह 2. बोलचाल : पं० अयोध्या सिंह उपाध्याय 3. हिंदी व्याकरण निबंध और पत्र लेखन –डॉ. एन. एल. माथुर
Web. URLs	**www.webdunia.com**

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Group project	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	H	H	M	L	M	L	M	M	M	M	M	M
CO2	M	L	H	L	H	H	H	L	M	L	M	M	H
CO3	H	L	L	L	M	H	M	H	H	L	H	L	M
CO4	H	M	M	M	L	L	L	H	M	M	L	H	M
CO5	M	H	L	M	M	M	M	M	M	H	M	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr. S.Swarnalatha	**Dr.S.Swarnalatha**

Course Code	
23U1MAL202	**Part – I: Novalum Bhashaapadanavum** (നോവലും ഭാഷാപഠനവും)
Semester: II	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**

(Common to all UG Programmes)	
Course Objective	വിദ്യാർത്ഥികളിൽ മലയാള ഭാഷയുടെ വികാസവും മലയാള സാഹിത്യത്തിൽ നോവലുകൾക്കുള്ള സ്ഥാനവും വായനാശീലവും വർദ്ധിപ്പിക്കുന്നു
Course Category	Skill Development
Development Needs	Regional
Course Description	Proper guidance, opportunities and encouragement that help them to achieve their ambitions

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	സമൂഹത്തിലെ ഒരു വിഭാഗത്തിന്റെ ജീവിതം	Lecture / Video Methods	Assignment
CO 2	പ്രകൃതിയുടെയും മറ്റു ജീവജാലങ്ങളുടെയും മാറ്റങ്ങൾ	Case studies	Group Project
CO 3	പ്രകൃതി നാശത്തിനെതിരായി ഒന്നിച്ചു പ്രവർത്തിക്കുന്നു	Lectures / Video Lessons	Seminar
CO 4	സമൂഹത്തിലെ ഭാഷാസങ്കല്പം തിരിച്ചറിയുന്നു	Lecture / Video Methods	Assignment
CO 5	നല്ല ഭാഷ എങ്ങനെ സൃഷ്ടിക്കാമെന്ന് മനസ്സിലാക്കുന്നു	Lecture / Dumb Charades	Seminar

Offered by	Malayalam

Course Content	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	നോവൽ - എൻമകജെ	1	1 to 16
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
II	നോവൽ - എൻമകജെ	1	17 to 34
	Instructional Hours		**12**
Suggested Learning Methods : Auditory Method			**02 Hrs**
III	നോവൽ - എൻമകജെ	1	35 to 51
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive Writing			**02 Hrs**
IV	ഭാഷാപഠനം - തെളിമലയാളം	1	1,2,3
	Instructional Hours		**12**
Suggested Learning Methods : Auditory &Visual Method			**02 Hrs**

V	ഭാഷാപഠനം - തെളിമലയാളം		1	4,5
		Instructional Hours		**12**

Suggested Learning Methods : Comprehensive Writing	**02 Hrs**
	Total Hours **60 Hrs**

Text Books	1. അംബികാസുതൻ മാങ്ങാട്, എൻമകജെ - ഡി.സി.ബുക്സ് കോട്ടയം 2. എം.എൻ.കാരശ്ശേരി, തെളിമലയാളം - ഡി.സി.ബുക്സ് കോട്ടയം
Reference Books	1. പ്രൊഫ.എൻ.കൃഷ്ണപ്പിള്ള, കൈരളിയുടെ കഥ - ഡി.സി.ബുക്സ് കോട്ടയം 2. ഡോ. പന്മന രാമചന്ദ്രൻ നായർ, സമ്പൂർണ്ണമലയാള സാഹിത്യ ചരിത്രം - ഡി.സി.ബുക്സ് കോട്ടയം 3. ഡോ.കെ.എം. ജോർജ്, ആധുനിക മലയാള സാഹിത്യ ചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ - ഡി.സി.ബുക്സ് കോട്ടയം 4. എരുമേലി, മലയാള സാഹിത്യം കാലഘട്ടത്തിലൂടെ - ഡി.സി.ബുക്സ് കോട്ടയം
Web. URLs	http://www.keralaculture.org>literature http://www.manoramaonline.com

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Group project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	H	L	H	H	H	H	H	H	M	H	M	M	H
CO2	H	L	H	M	H	M	H	H	M	M	H	L	M
CO3	M	L	M	M	M	H	H	M	H	M	M	M	L
CO4	H	L	L	H	L	H	H	H	M	M	H	M	M
CO5	M	L	L	M	L	H	H	H	M	L	M	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by Chairman**
Ms. N. RAJANI	Dr. SMITHA C. R.

Course Code	Title		
23U1FRN202	**Part – I : Le Français Fondamental – II**		
Semester : II	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to all UG Programmes)			
Course Objective	This course is comprised of deep study of grammar categories and aims to apply the grammatical structures correctly.		
Course Category	Skill Development		
Development Needs	Global		
Course Description	This course aims to develop communicative competence of the students in French, to create cultural awareness, to promote autonomy in learning French.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Acquire an understanding of French culture, use the basic foundation of verbs.	Lecture	Assignment
CO 2	Describe a place, learn pronom en, y and adjectives.	Tutorial / Case Studies	Seminar
CO 3	Recall the tenses and learn Imparfait tense	Lectures / Video Lessons	Quiz
CO 4	Write about the weather and learn pronom COD,	Word game / Lecture	Assignment
CO 5	Write short passages and translate, Comprehend the passage and learn pronom COI	Lecture	Group project

Offered by	Department of French

Course Content	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	Goûter à la campagne	1	5
	Instructional Hours		**12**
Suggested Learning Methods: Worksheets, TV5 App			
II	Voyager dans sa ville	1	6
	Instructional Hours		**12**
Suggested Learning Methods: Kahoot App, Duolingo			
III	Faire du neuf avec du vieux	1	7
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive Writing			

IV	Changer d'air		1	8
		Instructional Hours		**12**

Suggested Learning Methods : Comprehensive Writing				
V	Devenir éco-citoyen		1	9
		Instructional Hours		**12**

Suggested Learning Methods : Translating simple sentences and short passages				
			Total Hours	**60**

Text Books	Saison 1 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Dupleix (Unit 5 to 9)
Reference Books	A1 Echo Méthode de Français
Web. URLs	Lingua.com, TV 5 app, Learn French by podcast (spotify)

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Quiz**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping													
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	-	-	H	M	H	H	-	-	M	H	M	H	L
CO2	-	-	H	L	H	M	-	-	H	M	L	H	M
CO3	-	-	-	M	M	H	-	-	M	L	M	M	M
CO4	-	-	L	M	L	H	-	-	L	M	H	H	L
CO5	-	-	L	-	H	-	-	-	M	H	M	L	H

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Mr. D. Balaji	Dr. R. Malathi

Course Code	Title			
23U2ENG202	**Part – II : Professional English – II**			
Semester : II	**Credits : 3**	**CIA : 20 Marks**		**ESE : 55 Marks**
(Common to all UG Programmes)			
Course Objective	To equip the students with the language skills and its functional usage. Facilitate the insight and taste of Literature.			
Course Category	Skill Development			
Development Needs	Global			
Course Description	SD: Helps to develop LSRW skill			

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Mastering life skills through prose discourse.	Lecture/Tutorial	Assignment
CO 2	Acquire ethics and values through poetic genre.	Lecture/Tutorial	Assignment
CO 3	Recognise the nuances of English language through short stories.	Lecture/Tutorial	Speaking
CO 4	Enhance fluency over language with self-confidence.	Lecture/Tutorial	Reading
CO 5	Examine how the language is used in literature and develop LSRW Skills	Lecture/Tutorial	Writing

Offered by	**Department of English**

Course Content	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	**Prose** E.M. Forster - Tolerance Mahatma Gandhi - Women Not the Weaker Sex Issac Asimov - The Fun They had **Listening Activity** – Comprehension practice from Prose.	1	1-3
	Instructional Hours		**12**
Suggested Learning Methods : Cooperative Learning			
II	**Poetry** Robert Frost - Stopping by Woods on a Snowy Evening William Blake - A Poison Tree Alexander Pope – Ode on Solitude **Speaking Activity** – Group Discussion Forum	1	4-6
	Instructional Hours		**12**
Suggested Learning Methods : Inquiry Based Learning			
III	**Short Stories** Mark Twain - The Cat and the Painkiller Japanese Folk Tale - The Envious Neighbour Hector Hugh Munro (Saki) – The Open Window **Reading Activity** – Pronunciation practice and enhancement from Short-stories	1	7-9
	Instructional Hours		**12**
Suggested Learning Methods : Classroom Activity			

IV	**Grammar** Articles Concord Active and Passive Voices Direct and Indirect Speech **Writing Activity** – Paragraph Writing using grammar Components	1	10-13
	Instructional Hours		**12**

Suggested Learning Methods : Direct Method

V	**Writing Skills** Resume Writing Email Writing Dialogue Writing Testimonial Writing Creative Writing	1	14-17
	Instructional Hours		**12**

Suggested Learning Methods : Activity Based Learning

	Total Hours		**60**
Text Books	Compiled by the Department of English NASC.		
Reference Books	CLIL (Content & Language Integrated Learning) – Module by TANSCHE NOTE: (Text: Prescribed chapters or pages will be given to the students by the department and the college)		
Web. URLs			

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Speaking	Reading	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	L	M	M	H	M	H	H	M	H	M
CO2	M	L	H	L	H	M	H	M	H	H	M	H	M
CO3	M	L	H	L	H	H	H	H	H	H	M	H	M
CO4	M	L	H	L	H	L	H	H	H	H	M	H	H
CO5	H	M	H	L	H	H	H	H	H	H	H	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Mr. D. Pradeek	Dr. R. Malathi

Course Code	Title		
23U3ACC204	**Core Paper– IV Financial Accounting**		
Semester: II	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/ IT/ Banking)			
Course Objective :	To gain the knowledge on various systems of accounting and accounting procedures of Branch accounts, Departmental accounts, Royalty accounts and Hire Purchase and Installment System.		
Course Category :	Employability		
Development Needs :	Regional		
Course Description :	This course is an introduction to the fundamental concepts of financial accounting as prescribed by Generally Accepted Accounting Principles (GAAP) as applied to transactions and events that affect business organizations.		

	Course Outcomes	Teaching Methods	Assessment Methods
CO1	Find various systems of accounting	Flipped Teaching	Assignment
CO2	Prepare hire purchase and installment system	Smart Board	Assignment
CO3	Interpret and explain the performance of branches	Smart Board	Work Sheet
CO4	Demonstrate the procedure in royalty accounts	Smart Board	Work Sheet
CO5	Grasp the accounting treatments relating to issue, acceptance, discounting, maturity and endorsement of bills and notes in the books of drawer and drawee.	Flipped Classroom	Work Sheet

Course Content	Instructional Hours / Week : 6

Unit	Description	Text Book	Chapters
I	Single Entry System – Meaning– Definition – Ascertainment of Profit – Difference Between Single Entry system and Double entry system	2	13
	Net worth Method – Conversion Method	2	13
	Instructional Hours		**18**
Suggested Learning Methods : Group Discussion			
II	Hire Purchase and Installment Purchase system – Calculation of Interest- Default and Repossession – Hire Purchase trading Accounts	2	18
	Instructional Hours		**18**
Suggested Learning Methods : Case Study			
III	Branch Accounts -Meaning, Features and Types of Branch Accounting – Debtors System – Final Accounts – Wholesale Branch System - Stock & Debtors System	2	16

			Instructional Hours	**18**

Suggested Learning Methods : Case Study				
IV	Departmental accounts – Meaning – Objectives – Advantages– Distinction between branch and department - Transfers at cost or selling price – Inter departmental Transfer	2		17
			Instructional Hours	**18**
Suggested Learning Methods : Case Study				
V	Royalty Accounts-Lease (Excluding Sublease) –Bills of exchange (Trade Bills only)	2		20
			Instructional Hours	**18**
Suggested Learning Methods : Group Discussion				
			Total Hours	**90**

Text Book(s)	1. S.P. Jain and K.L. Narang.,**Advanced Accounting**, Kalyani Publishers, 2015. 2. T.S Reddy and A. Murthy., **Financial Accounting**, Margham Publications, 2015.
Reference Book(s)	R.L. Gupta and Radhasamy, Advanced Accounting, Sultan Chand and Sons, 1994. M.C. Shukla, T.S. Grewal and S.C. Gupta, Advanced Accounts, S. Chand and Company Pvt. Ltd., 2016. R.L. Gupta, Advanced Accounting, Sultan Chand & Sons, New Delhi, 2012. M.C.Sukla, T.S.Grewal and S.C Gupta, Advanced Accounting, Sultan Chand &Sons, New Delhi, 2015.R.L.

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Work Sheet	Class Participation	Total
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	L	M	M	M	M	H	M	H	M	H
CO2	H	M	H	H	M	M	H	H	H	H	L	H	H
CO3	M	H	M	M	H	L	M	M	H	L	M	H	L
CO4	H	M	H	H	M	H	M	H	M	M	H	M	M
CO5	M	M	M	M	M	M	H	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course Designed by	Verified by
Ms. K. Haritha	Dr. R.Mahadevi

Course Code	Title
23U3ACP205	**Core Paper – V Computer Application Practical II (Tally Prime)**
Semester: II	**Credits: 2**	**CIA: 20 Marks**	**ESE: 30 Marks**

(Common to B.Com CA/IT)

Course Objective:	Enable students know and practice the legal documents used in Business organizations.
Course Category:	Skill Development
Development Needs:	Global
Course Description:	The tally Prime is an accounting software package that allows you to track and manage all of accounts, sales, debts, and other business-related information. Tally courses are widely used in India and allow you to effortlessly track all of your spending with just a few clicks.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Ability to prepare final accounts in tally software.	Hands on Training	Demonstration
CO 2	Effective maintenance of stock details.	Applications Process	Verification
CO 3	Ability to control expired goods.	Experiential Learning	Presentation
CO 4	Skillful in analyzing financial position through tally software.	Hands on Training	Demonstration
CO 5	Analyze the financial position of the company through ratios	Flipped Classroom	Verification

Offered by	**Commerce**

Course Content	**Instructional Hours / Week : 4**

Sl. No	List of Programs (10 Programs) Computer Lab
1	Company creation and alteration
2	Ledger creation and alteration
3	Prepare the Trial Balance
4	Final account of the company with Adjustments
5	Inventory Management : Stock Group, Stock Categories, Stock Items and Godown
6	Expired goods
7	Bill wise statements
8	Bank Reconciliation Statement (BRS)
9	GST Bills
10	Generation of inventory books, Import of Data, reports and Ratio analysis
	Total Hours	**60**
	Tools for Assessment (20 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
3	3	3	4	4	3	20

Mapping												
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	M	H	H	M	L	M	H	H	M	L	M
CO2	M	H	M	L	H	M	H	M	L	H	M	H	M
CO3	M	H	L	H	L	M	H	L	H	L	M	H	L
CO4	M	H	M	L	H	M	H	M	L	H	M	H	M
CO5	H	M	H	M	M	H	M	H	M	M	H	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. S. Balaji	Dr. R.Mahadevi

Course Code	Title		
23U3ACC206	Core Paper – VI Executive Business Communication		
Semester: II	Credits: 3	CIA: 20 Marks	ESE: 55 Marks

(Common to B.Com CA/PA/IT/Banking)	
Course Objective:	To enable the students must be able to communicate clearly in the day-to-day business world.
Course Category:	Employability
Development Needs:	National
Course Description:	Business communication is the process of sharing information between people within the workplace and outside a company. Effective business communication is how employees and management interact to reach organizational goals.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Competent in oral, written & Visual Communication	Lecture Method	Assignment
CO 2	Skill to apply appropriate communication technique	Flipped Teaching	Poster Presentation
CO 3	Use modern technology in business communication.	Lecture Method	Assignment
CO 4	Acquire minutes, agenda and report writing skills	Lecture Method	Poster Presentation
CO 5	Able to prepare application letter and resume	Flipped Teaching	Seminar

Offered by	Commerce	

Course Content		Instructional Hours / Week: 3	
Unit	**Description**	**Text Book**	**Chapters**
I	Business communication: Meaning – Objectives – Need and Importance of Effective Business Communication – Business Letters: Need –Functions – Kinds –Essentials of effective business –Layout– Modern Communication Methods	1	1, 12, 13, 14
		Instructional Hours	**9**
Suggested Learning Methods: Group Discussion			
II	Trade enquiries – Orders and their execution – Credit and Status enquiries – Complaints and Adjustments – Collection Letters-Sales letters – Circular letters	2	8-11, 13, 16, 17
		Instructional Hours	**9**
Suggested Learning Methods: Group Discussion			
III	Banking Correspondence – Insurance Correspondence –Agency Correspondence	2	18, 19, 20
		Instructional Hours	**9**
Suggested Learning Methods: Peer Tutoring			
IV	Company Secretarial Correspondence and E-Mail Correspondence -Minutes, Agenda and Report –writing	2	24, 25
		Instructional Hours	**9**
Suggested Learning Methods: Mind Mapping			
V	Application Letters - Preparation of Curriculum Vitea – Interview ,Meaning, Objectives & Techniques of various types of interview-Preparation for Interview Public Speech and Characteristics of Good Speech –Business Report Presentation	1 2	CC2, OC 3, OC 1 19
		Instructional Hours	**9**
Suggested Learning Methods: Mind Mapping			
		Total	**45 Hrs**

Text Books :	1. Rajendra Paul & J.S.Kolrahalli, **Essentials of Business Communication**, Sultan Chand & Sons, New Delhi, 2006. 2. Asha Kaul, **Effective Business Communication**, Prentice Hall of India Pvt Ltd, New Delhi, 2008.
Reference Books :	1. K.K.Ramachandran, Lakhsmi.K.K, K.K.Karthick, M.Krishnakumar, "**Business Communication**", Macmillan India Ltd, 2008. 2. Rodriquez, **Executive Business Communication**, Vikas Publications,2013. 3. Kathiresan Dr.Radha, **Business Communication**, Prassanna & Co,Chennai,2008
Web. URLs	1. https://sbi.co.in/web/international-banking/banking/correspondent-banking 2. https://www.nextiva.com/blog/what-is-business-communication.html

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
4	4	5	2	2	3	20

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	L	M	M	H	M	M	M	H	H	H
CO2	M	H	M	M	M	H	M	H	L	M	M	H	M
CO3	M	M	H	M	H	L	M	M	M	M	H	M	H
CO4	H	H	M	H	M	L	H	H	M	M	M	H	M
CO5	M	M	H	M	M	M	M	M	H	M	H	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. K. Kavitha	Dr. R. Mahadevi

Course Code	Title			
23U3MAA202	**Allied Paper II : Business Statistics**			
Semester: II	**Credits:4**		**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to all B.Com Programmes)				
Course Objective	To learn the Statistical methods and apply them in Management situations.			
Course Category	**Skill Development**			
Development Needs	**Regional**			
Course Description	This course covers descriptive Statistics, Correlation, Regression Analysis, and Index numbers.			

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	List different types of data collection and different Measures of Central Tendency.	Lecture / Video Lectures	Assignment
CO 2	Classify various Measures of Dispersion.	Peer Teaching/Lectures	Problem Solving
CO 3	Know the methods of finding correlation coefficient and the relationship between Correlation and Regression.	Group learning/ Lectures	Seminar
CO 4	Compute living indices for the given data.	Lectures/Tutorial	Problem Solving
CO 5	Compute Seasonal fluctuations for the given data.	Lectures/Tutorial	Quiz/Assignment
Offered by	**Mathematics**		

Course Content		Instructional Hours / Week : 6	
Unit	**Description**	**Text Book**	**Chapters**
I	**Statistics:** Meaning and Definition of Statistics-Collection of data - Primary and Secondary data– Classification and Tabulation of data- Diagrammatic and Graphical representation.	1	1,3,5,6
	Measures of Central Tendency: Mean, Median, Mode	1	7
	Instructional Hours		**18**
Suggested Learning Methods : https://www.youtube.com/watch?v=1MiT06JFNo4			**02 Hrs**
II	**Measures of Dispersion**: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation	1	8
	Instructional Hours		18
Suggested Learning Methods : Problem Solving practice			**02 Hrs**
III	**Correlation:** Meaning and Definition – Scatter Diagram, Karl Pearson's co-efficient of Correlation- Spearman's Rank Correlation.	1	12
	Regression Analysis: Meaning of regression and linear regression – Regression in two variables- Properties.	1	13
	Instructional Hours		18
Suggested Learning Methods : https://youtu.be/_WM8vzYSQhs			**02 Hrs**

IV	**Index Numbers:** Index Number – Un weighted and Weighted indices – Tests of index numbers – Consumers price and cost of living indices.	1	10
	Instructional Hours		18
Suggested Learning Methods :Problem Solving Practice			**02 Hrs**
V	**Time Series:** Definition- Uses- Components – Secular trend – Method of least square – Seasonal fluctuation – Method of Simple Average, Method of moving Averages.	1	14
	Instructional Hours		18
Suggested Learning Methods :Problem Solving Practice & Class Test			**02 Hrs**
	Total Hours		90 Hrs

Text Books	1. P. A. Navanitham, Business Mathematics & Statistics, Jai Publishers, June 2008.(PART – II)
Reference Books	1. S. C. Gupta and V. K. Kapoor, Fundamentals of Mathematical Statistics, S. Chand and Sons, Reprint, 2009. 2. S. P. Gupta and V. K. Kapoor, Fundamentals of Applied Statistics, Sultan Chand & Sons, Reprint 2016.
Web. URLs	1. **https://www.youtube.com/watch?v=1MiT06JFNo4**(**Measures of Central Tendency**) 2. **https://youtu.be/_WM8vzYSQhs** (**Correlation & Regression**)

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total
5	5	6	3	3	3	25

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	L	H	M	H	H	L	M	H	M	M	H
CO2	H	M	L	M	M	M	M	L	L	M	H	M	M
CO3	H	M	L	H	H	H	H	L	M	M	L	H	M
CO4	H	M	L	H	M	M	H	L	H	H	H	M	H
CO5	H	M	L	H	H	H	H	L	M	M	H	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. RUTH KETHSIAL	Ms.T. CHANDRAPUSHPAM

Course Code	Title
21U4HRC202	**Ability Enhancement Compulsory Course - Human Rights and Constitution of India**
Semester : II	**Credits : 2** **CIA : 50 Marks**

(Common to all UG Programmes)

Course Objective:

Understand the concept of human rights and the importance of Indian Constitution.

Course Outcomes:

CO1	Understand the principal aspects of human rights and duties in a broad sweep.
CO2	Acquire the knowledge about the Fundamental Duties and Rights of Indian Citizen
CO3	To know the rights of women and Children in India
CO4	Understand the structure and importance of Indian Constitution
CO5	Know the functions of Government and Election Commission of India

Course Content   **Instructional Hours / Week : 2**

Unit	Description	
I	An Introduction to Human Rights :Values – Dignity, Liberty, Equality, Justice, Unity in Diversity - Human Rights – Meaning and features; Significance of the study - Classification of Human Rights - Rights and Duties – Correlation	
	Instructional Hours	**6**
II	Human Rights and Fundamental Rights - Fundamental Rights and Fundamental Duties- Directive Principles - Role of Judiciary in the protection of Human Rights- National Human Rights Commission *Activity : Case Study related to Human Rights*	
	Instructional Hours	**6**
III	Human Rights of Women and Children- Social Practice and Constitutional Safeguards – Female foeticide and infanticide-Physical assault and Harassment- Domestic violence-Conditions of Working Women *Activity : Conduct a Group Discussion on the above topics*	
	Instructional Hours	**6**
IV	**Constitution – Structure and Principles -** Meaning and importance of Constitution - Making of Indian Constitution –Sources - Salient features of Indian Constitution- Government of Union- Government of State-Features of judicial system in India	
	Instructional Hours	**6**
V	Federalism in India – Features - Local Government -Panchayat –Powers and functions -Election Commission –Organisation and functions-Citizen oriented measures – RTI – Provisions and significance *Activity : Seminar/ Role play related to Indian Constitution*	
	Instructional Hours	**6**
	Total Hours	**30**

Text Book:

1. **"Human Rights and Constitution of India",** Complied by Curriculum Development Cell, Nehru Artsand Science College.

Tools for Assessment (50 Marks)

Case Study and Report submission	Seminar / Role play	Group Discussion	Comprehensive test for 5×5 = 25 marks	Total
10	10	5	25	50

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	L	H	H	H	H	M	M	L	M	H
CO2	-	-	-	L	H	H	H	H	M	L	H	M	L
CO3	-	-	-	L	H	H	H	H	L	H	M	M	M
CO4	-	-	-	L	H	H	H	H	M	L	M	L	M
CO5	-	-	-	L	H	H	H	H	H	M	M	H	M

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD
Dr. N. Saranya	Dr. N. Saranya

Course Code	Title
22U4HVY201	**Value Education : Human Values and Yoga Practice**
Semesters : I & II	**Credits : 2**	**CIA : 50 Marks**

(Common to all UG Programmes)

Course Objective:

- To help the students appreciate the essential complementarity between 'values' and 'skills' to ensure sustained happiness and prosperity, which are the core aspirations of all human beings.
- To prepare and distribute standardized Yoga teaching and training material with reference to institute health**.**

Course Outcomes:

CO1	To know the importance of Ethics to be followed in the Human life.
CO2	To inculcate a sense of respect towards harnessing values of life and spiritof fulfilling social responsibilities.
CO3	To gain knowledge about the values that develops life skills.
CO4	To understand and Practice Meditation & Surya Namaskar.
CO5	To understand and apply the knowledge for physical health and well being through Asanas

Course Content **Instructional Hours / Week : 1 (For Semesters I and II)**

Unit	Description
I	**Human Values –** Introduction **-** Definition of Ethics and Values - Character and Conduct - Nature and Scope of Ethics. **Individual and Society -** Theories of Society - Social Relationships and Society - Empathy: Compassion towards other beings.
	Instructional Hours **4**
II	**Self-realization and Human Values-**Self-realization and Harmony-Rules and Regulations-Rights and Duties-Good and Obligation-Integrity and Conscience. **Obligation to Family-**Trust and Respect-Codes of Conduct.
	Instructional Hours **5**
III	**Character Formation Towards Positive Personality**: Truthfulness, Constructivity, Sacrifice, Sincerity, Self Control, Altruism, Tolerance, Scientific Vision. **Refinement of worries**: Neutralization of anger-Intelligent quotient(IQ),Emotional quotient(EQ),Spiritual Quotient (SQ)
	Instructional Hours **5**
IV	**Power of Meditation**- Development of mind in stages - Mental Frequencies Methods for Concentration. Meditation Practices - Surya Namaskar. Physical Exercises -Kayakalpa Practices Training for Potentialising the Mind.
	Instructional Hours **6**

V	**ASANAS** **Standing Posture:** Tadasana, Utkattasana, arthaKadi Chakrasana, Trikonasana, Artha Chandrarasana, Padahastasana, Virabhadrasana, Vrikshasana, Artha, Natarajasana. **Sitting posture:** Padmasana, Gomukasana, Ustrasana, ArdhaMatsyendrasana, Patchimottanasana. **Prone posture:** Bhujangasana, shalabhasana, Dhanurasana, Chakrasana. **Supine posture:** Sarvangasana, Halasana, Matsyasana, Shanti asana **Pranayama:** Bhastrika, Bhramari, NadiShodhan

Instructional Hours	**10**
Total Hours	**30**

Text book:

1. **"Value Education",** compiled by Curriculum Development cell, Nehru Arts and Science College.

Tools for Assessment

25 marks	25 marks
Comprehensive test in Units I to III for 25 marks during CIA III of Sem. II	Perform 02 Yoga postures for Practical exam to be conducted during the mid. of Sem. II

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	-	H	L	M	H	H					
CO2	-	-	-	L	M	H	M	H					
CO3	-	-	-	L	M	H	S	H					
CO4	-	-	-	L	L	H	M	H					
CO5	-	-	-	L	L	H	M	H					

H-High; M-Medium; L-Low

Course Designed by	Verified by HOD
Mr. M. KARTHI	Dr. N. KAVITHA

Course Code	Title		
23U1TAM303	**Part -I : Arunthamizh** (அருந்தமிழ்)		
Semester: III	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
Course Objective	தமிழ்க் காப்பியங்களின் வழி அறம் சார்ந்த சிந்தனைகளை உருவாக்குதல்		
Course Category	**Skill Development (**மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்**)**		
Development Needs	**Global/Regional (**உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்**)**		
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		

Course Outcomes		**Teaching Methods**	**Assessment Methods**
CO 1	தமிழ் நூல்களில் அணிநலம் அறிதல், அறம் சார்ந்த சிந்தனைகளை வளர்த்தல்.	விரிவுரை/ காணொளிப்பட விளக்கம்	ஒப்படைவு
CO 2	தமிழ் இலக்கிய வகைகளைக் கூறுவதன் மூலம் தமிழின் இலக்கிய வளத்தை உணரச்செய்தல்.	விரிவுரை	குழுத்திட்டம்
CO 3	மாணவர்களிடையே காலத்திற்கேற்ப மொழிவளர்ச்சியை உருவாக்குதல்.	விரிவுரை/ காணொளிப்பட விளக்கம்	ஒப்படைவு
CO 4	நாட்டின் சிறந்த குடிமக்களாக மாணவர்களை உருவாக்குதல்.	விரிவுரை// குழு விவாதம்	கருத்தரங்கு
CO 5	மாணவர்களின் மனநலத்தை வளர்த்தல்.	விரிவுரை/ குழு விவாதம்	கருத்தரங்கு

Offered by	தமிழ்த்துறை

Course Content : Arunthamizh (அருந்தமிழ்)	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	காப்பியங்கள்	1.சிலப்பதிகாரம் 2.மணிமேகலை 3.சீவகசிந்தாமணி 4.கம்பராமாயணம்	1.1அடைக்கலக்காதை (மதுரைக்காண்டம்-பகுதி- 15) 1.2.பீடிகைக் கண்டுபிறப்புணர்ந்தக் காதை-பகுதி-9) 1.3.பூமகள் இலம்பகம் (பகுதி- 11-2347-2377 பாடல்கள்) 1.4சுந்தரகாண்டம்(கடல் தாவுப்படலம் 1-10பாடல்கள்)
		Instructional Hours	**12 Hours**

Suggested Learning Methods: நாடக முறையில் கலந்துரையாடல்

Unit	Description	Text Book	Chapters
II	சைவ,வைணவ, சுவடியியல்	1. தேவாரம் 2..நாலாயிரத்திவ்வியப் பிரபந்தம் 3.சுவடியியல்	2.1.திருநல்லூர்ப் பெருமணம் (பாடல் எண்-4137-4146) 2.2.ஆண்டாள் திருப்பாவை - (பாடல் எண்- 474-483) 2.3.சுவடியியல் - அறிமுகம் 2.4 சைவம் தமிழுக்குச் செய்த தொண்டு 2.5 வைணவம் தமிழுக்குச் செய்த தொண்டு
		Instructional Hours	**12 Hours**

Suggested Learning Methods : பக்தி பாசுரங்கள் கலந்துரையாடல்

III	மொழித்திறன் (இலக்கணம்)	1.நன்னூல் 2.தொல்காப்பியம்	3.1 நூல் வரலாறு (முதல் நூல், வழி நூல், சார்பு நூல்) 3.2 மாணாக்கர் வரலாறு 3.3 ஆசிரியர் வரலாறு 3.4 எண்வகை மெய்ப்பாடுகள்

Instructional Hours			12 Hours

Suggested Learning Methods :	மொழித்திறன் வாயிலாக பிழையின்றி எழுதும் திறன் பெற்றமை

IV	நாட்டுப்புற வழக்காறுகள்	நாட்டுப்புறவியல்	4.1. பழமொழிகள் 4.2. விடுகதைகள் 4.3 தமிழர்க்கலைகள் 4.4 சிறுதெய்வ வழிபாடு மட்டும் 4.5 விளையாட்டுகள் (சிறுவர்,சிறுமியர் மட்டும்)

Instructional Hours			12 Hours

Suggested Learning Methods :	நாட்டுப்புறவியல் வழி நாட்டுப்புற மக்களின் வாழ்வியலை அறியச்செய்தல்

V	இலக்கிய வரலாற்றுத் திறன்	தமிழ் இலக்கிய வரலாறு	1. காப்பியத்தின் தோற்றமும் வளர்ச்சியும் 2. பக்தி இலக்கியத்தின் தோற்றமும் வளர்ச்சியும் 3. தமிழக நாட்டுப்புறவியல் வரலாறு

Instructional Hours			12 Hours

Suggested Learning Methods:	பாடத்திட்டத்தில் கொடுக்கப்பட்டுள்ள இலக்கிய வரலாற்றினை உணர்த்துதல்

Total Hours	**60 Hours**

Text Books	இளங்கலை இரண்டாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் **"அருந்தமிழ்"** தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	நாட்டுப்புறவியல் ஓர் ஆய்வு: டாக்டர் சு. சக்திவேல் விஜயா பதிப்பகம் சென்னை. தமிழண்ணல் - புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, மீனாட்சிப் புத்தக நிலையம், மதுரை- 625 001.
Web. URLs	https://youtu.be/EJcYgyw7e94, https://youtu.be/Mgtwmer I4yw

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Group Project	Total
4	4	5	2	2	3	20

Mapping

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	L	H	L	L	H	M	L	M	M	M	H	L
CO2	M	L	H	L	H	L	M	H	M	M	M	M	H
CO3	H	L	L	L	H	M	H	M	H	M	M	M	M
CO4	M	L	H	L	M	M	H	L	L	L	H	M	M
CO5	H	L	M	L	H	L	M	H	M	H	M	L	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. S. Satheesh Kumar	**Dr. A. Sridevi**

Course Code	Title		
23U1HIN303	Part I - Sahityak Hindi (साहित्यिक हिंदी)		
Semester: III	Credits: 3	CIA: 20 Marks	ESE: 55 Marks

(Common to all UG Programmes)	
Course Objective	चुनिंदा कविताओं के माध्यम से हिंदी कविता की उत्पत्ति और विकास को समझना।. संकलन में उपलब्ध कराए गए सर्वोत्तम नमूनों का उपयोग करते हुए कविता की सराहना।
Course Category	Skill Development
Development Needs	National
Course Description	Improves Writing Skills.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	छात्र हिंदी भाषा से अच्छी तरह वाकिफ हो सकेंगे।	Role play	Assignment
CO 2	व्यक्तिगत अनुभवों की पहचान करें जिनका उपयोग कविताएँ लिखते समय किया जा सकता है।	Group learning Acting	Seminar
CO 3	कविता की मूल शब्दावली और व्यावहारिक तत्वों को समझें।	Story Narration	Assignment
CO 4	छात्रों को रचनात्मक लेखन में अच्छा अभ्यास मिलेगा।	Group learning and Work sheets	Group Project
CO 5	पाठ्यक्रम संवादी हिंदी में पारंगत होने में मदद करता है।	Worksheets and Exercises	Seminar

Offered by	Hindi

Course Content	Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	नाटक – सत्यमेव जयते – (श्री सूर्यनारायण मूर्ति)	1	3
	Instructional Hours		12
Suggested Learning Methods : Visual Learning			**02 Hrs**
II	प्राचीन काव्य : कबीर के दोहे (10 दोहा), सूरदास के पद (4 पद) (काव्य तरंग)	1	2
	Instructional Hours		12
Suggested Learning Methods : Auditory			**02 Hrs**
III	1.आधुनिक काव्य : पुष्प की अभिलाषा– माखनलाल चतुर्वेदी, जलियांवाला बाग़ में बसंत – सुभद्राकुमारी चौहान, शक्ति और क्षमा – रामधारी सिंह दिनकर 2.संक्षिप्तीकरण	1	3
	Instructional Hours		12
Suggested Learning Methods : Comprehensive Writing			**02 Hrs**
IV	अलंकार : 1) अर्थ अलंकार और शब्द अलंकार, 2) दिए गए चित्र पर कुछ वाक्य लिखना ।	1	2
	Instructional Hours		12
Suggested Learning Methods : Auditory, Visual, Comprehensive			**02 Hrs**

V	गद्यांश लेखन, वाक्य शुद्धि, शब्द शुद्धि, अनेक शब्द के लिए एक शब्द	1	4
	Instructional Hours		**12**
Suggested Learning Methods : comprehensive writing			**02 Hrs**
	Total Hours		**60 Hrs**

Text Books	1. **नाटक – सत्यमेव जयते – (श्री सूर्यनारायण मूर्ति)** 2. काव्य सुमन – राजपाल एंड सन्स
Reference Books	1. हिंदी नाटक और रंगमंच – डॉ राम कुमार वर्मा 2. ओंकार नाथ वर्मा , सामान्य हिंदी अरिहंत प्रकाशन इंडिया लिमिटेड
Web. URLs	1. www.webdunia.com 2. https://www.hindikunj.com 3. www.bhashaindia 4. www.hindisamay.com Text

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Group Project	Total
4	4	5	2	2	3	20

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	H	M	M	L	H	M	M	H	M	M	M
CO2	H	H	H	L	L	H	M	H	L	L	H	M	M
CO3	L	M	L	L	M	H	M	L	M	M	M	L	M
CO4	M	M	M	M	H	L	L	L	H	L	L	M	H
CO5	M	L	L	M	H	L	L	H	M	M	M	H	L

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr.S.Swarnalatha	Dr.S.Swarnalatha

Course Code	Title		
23U1MAL303	**Part - I : Kavithayum Smaranayum** (കവിതയും സ്മരണയും)		
Semester: III	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to all UG Programmes)			

Course Objective	കവിതാ സാഹിത്യ പരിചയത്തോടൊപ്പം പുതു കവിതകളെ കുറിച്ച് അവബോധവും ആസ്വാദനവും ഉയർത്തുക. വിദ്യാർത്ഥികൾക്ക് മാതൃകയാവുന്ന സമൂഹത്തിലെ ഉന്നത വ്യക്തിത്വങ്ങളെ പരിചയപ്പെടുത്തുക
Course Category	Skill Development
Development Needs	Regional
Course Description	Developing Personality and Self confidence

Course Outcomes		Assessment Methods	Assessment Methods
CO 1	കവിതയിലൂടെയുള്ള സംവേദനം	Smart boards/ Chalk and Talk	Assignment
CO 2	പ്രകൃതിയുടെ നിസ്വാർത്ഥമായ പ്രവർത്തനങ്ങൾ	Group learning	Seminar
CO 3	അധ്യാപക വിഭാഗത്തിനിടയിൽ അവകാശ ബോധം ഉണ്ടാക്കുന്നു	Peer Teaching	Assignment
CO 4	സമൂഹത്തിന് മൂല്യബോധമുണ്ടാക്കുന്ന പ്രവർത്തനങ്ങൾ	Group learning	Group Project
CO 5	സമൂഹത്തിൽ അധ്യാപനത്തിന്റെ പ്രാധാന്യം	Smart boards/ Chalk and Talk	Assignment

Offered by	**Malayalam**

Course Content	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	നവീന കവിത - പുതു കവിതകൾ	1	4
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
II	നവീന കവിത - പുതു കവിതകൾ	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Auditory Method			**02 Hrs**
III	കണ്ണീരും കിനാവും - വി.ടി.ഭട്ടതിരിപ്പാട്	1	3
	Instructional Hours		**12**
Suggested Learning Methods : : Comprehensive writing			**02 Hrs**
IV	കണ്ടൽക്കാടുകൾക്കിടയിൽ എന്റെ ജീവിതം - കല്ലേൻ പൊക്കുടൻ	1	2
	Instructional Hours		**12**
Suggested Learning Methods: Auditory &Visual Methods			**02 Hrs**
V	കണ്ടൽക്കാടുകൾക്കിടയിൽ എന്റെ ജീവിതം - കല്ലേൻ പൊക്കുടൻ	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive Writing			**02 Hrs**
	Total Hours		**60 Hrs**
Text Books	1. നവീന കവിത (പുതു കവിതകൾ) - നെഹ്റു കോളെജ് മലയാള വിഭാഗം എഡിറ്റു ചെയ്ത 10 കവിതകൾ . 2. കണ്ണീരും കിനാവും - വി.ടി.ഭട്ടതിരിപ്പാട് -ഡി.സി. ബുക്സ്		

Reference Books	3. കണ്ടൽകാടുകൾക്കിടയിൽ എന്റെ ജീവിതം - കല്ലേൻ പൊക്കുടൻ - ഗ്രീൻ ബുക്ക്സ് 1. മലയാള കവിതാപഠനങ്ങൾ - സച്ചിദാനന്ദൻ ,മാതൃഭൂമി ബുക്സ്, കോഴിക്കോട് 2. കവിതാ സാഹിത്യ ചരിത്രം - ഡോ.എം.ലീലാവതി കേരള സാഹിത്യ അക്കാദമി, തൃശൂർ 3. ആധുനികത മലയാള കവിതയിൽ എൻ. അജയകുമാർ , പഠനസംഘം, ചങ്ങനാശ്ശേരി 4. സാഹിത്യം മലയാളത്തിൽ ആത്മകഥ - നടുവട്ടം ഗോപാലകൃഷ്ണൻ , ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട് , തിരുവനന്തപുരം

Web. URLs :	**http://www.keralaculture.org>literature**

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total
4	4	5	2	2	3	20

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	L	H	M	H	H	H	H	M	L	M	L	M
CO2	M	L	H	L	H	M	H	H	H	H	M	M	H
CO3	H	L	L	M	M	H	M	H	M	M	H	L	M
CO4	M	L	L	M	L	H	H	M	M	L	M	H	M
CO5	M	L	L	M	H	L	H	M	M	M	L	M	L

H-High; M-Medium; L-Low

Course designed by	**Verified by Chairman**
Ms.RAJANI N.	Dr. SMITHA C.R.

Course Code	Title		
23U1FRN303	**Part – I : Le Francais General – III**		
Semester : III	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to all UG Programmes)			
Course Objective	Acquisition of standard French by knowing more about the culture.		
Course Category	Skill Development		
Development Needs	Global		
Course Description	Improved understanding and communication		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Learn about the other French speaking nations, hobbies,	Lectures/ Tutorial	Assignment
CO 2	Le passé compose, l'imparfait	Group Learning	Assignment
CO 3	Social network, les indicateurs de temps	Peer Teaching	Seminar
CO 4	Le discours direct et indirect	Video Lecture / Lectures	Group Project
CO 5	To learn to answer questions orally in French	Group learning	Assignment

Offered by	**Department of French**		
Course Content		**Instructional Hours / Week : 4**	

Unit	Description	Text Book	Chapters
I	La langue francaise en action	1	1
	Instructional Hours		**12**
Suggested Learning Methods : Visuals			
II	Aller a la rencontre des autres	1	2
	Instructional Hours		**12**
Suggested Learning Methods : Group discussions			
III	Enrichir son reseau	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Group discussions			
IV	Vivre l'information	1	4
	Instructional Hours		**12**
Suggested Learning Methods : Visuals			
V	Interroger le passe	1	5
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive writing			
	Total Hours		**60**

Text Books	1. Saison 2 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Dupleix (Unit 0 to 4)
Reference Books	1. Connexions 2 Methode de Français Régine Mérieux , Yves Loiseau
Web. URLs	1. www.academia.edu

Tools for Assessment (20 Marks)						
CIA I	CIA II	CIA III	Assignment	Seminar	Quiz	Total
4	4	5	2	2	3	20

Mapping													
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	-	-	H	M	H	H	-	-	M	H	M	L	H
CO2	-	-	H	L	H	M	-	-	H	L	M	H	M
CO3	-	-	-	M	M	H	-	-	H	L	M	H	M
CO4	-	-	L	M	L	H	-	-	L	M	M	H	L
CO5	-	-	L	-	H	-	-	-	H	H	L	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Mr. D. Balaji	Dr. R. Malathi

Course Code	Title		
23U2ENG303	**Part – II : Communicative English – I**		
Semester : III	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to All UG Programmes)			

Course Objective	To enable the students to learn the different genres of literature and gain a better understanding of the English language.
Course Category	Skill Development
Development Needs	Global
Course Description	SD: Helps to develop LSRW skill

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Execute moral, ethical and literary merits and relate it to the society.	Lecture/Tutorial	Assignment
CO 2	Exhibit a comprehensive knowledge of poetry and execute life skills and human values through it.	Lecture/Tutorial	Assignment
CO 3	Develop reading strategies with enriched vocabulary, through short story.	Lecture/Tutorial	Speaking
CO 4	Identify the use of English language through the study of Grammar and use them in specific contexts.	Lecture/Tutorial	Reading
CO 5	Interpret their understanding of English works in LSRW mode	Lecture/Tutorial	Writing

Offered by	**Department of English**

Course Content			**Instructional Hours / Week : 4**	
Unit	**Description**		**Text Book**	**Chapters**
I	**Prose** J.B. Priestley - Travel by Train R.K. Narayan - Headache E.M. Forster - Tolerance		1	1 - 3
		Instructional Hours	**12**	
Suggested Learning Methods : Intensive Reading				
II	**Poetry** William Blake - The School Boy Rudyard Kipling - If Sarojini Naidu - The Queen's Rival		1	4 - 6
		Instructional Hours	**12**	
Suggested Learning Methods : Scaffolding Method				
III	**Short Stories** O. Henry - After Twenty Years Edgar Allan Poe – Tell - Tale Heart Frank R.Stockton - The Lady or The Tiger?		1	7 - 9
		Instructional Hours	**12**	
Suggested Learning Methods : Flipped Learning				

IV	Herman Melville-Moby Dick (Abridged Version)	1	10 - 13
	Instructional Hours		**12**

Suggested Learning Methods : Flipped Learning

V	**Oral & Written Communication (UnitI–IV) Listening** – Comprehension practice from Poetry, Prose, Online Voice Practice, observing / viewing E-content (with subtitles), Guest / Invited Lectures, Conference/ Seminar Presentations & Tests, and DD National News Live, BBC, CNN, VOA etc **Speaking** – In Group Discussion Forum, participate in the Turn Taking, and Conversation Management, Debating, Defending / Mock Viva Voce, Seminar Presentations on Classroom-Assignments, and Peer-Team-interactions. **Reading**–Different Reading Strategies in Poetry, Prose, Novel, Newspaper etc **Writing** – Modals, Concord, E-Mail & Report Writing, Spotting the Errors and How to avoid them, Sentence Completion, Prepositions, Idioms and Phrases, Collocation.	1	14 - 17
	Instructional Hours		**12**

Suggested Learning Methods : Activity Based Learning

	Total Hours	**60**

Text Books	Unit I–V: Compiled by the Department of English
Reference Books	CLIL (Content & Language Integrated Learning) – Module by TANSCHE NOTE:(Text: Prescribed chapters or pages will be given to the students by the department
Web. URLs	

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Speaking	Reading	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	-	H	-	M	M	H	M	H	H	M	H	M
CO2	M	-	H	-	H	M	H	M	H	H	M	H	M
CO3	M	-	H	-	H	H	H	H	H	H	M	H	M
CO4	M	L	H	-	H	-	H	H	H	H	M	H	H
CO5	H	M	H	-	H	H	H	H	H	H	H	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Mr. D. Pradeek	Dr. R. Malathi

Course Code	Title		
23U3ACC307	**Core Paper – VII Corporate Accounting**		
Semester: III	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			
Course Objective	To enhance the students to understand the accounting procedure and concepts of the various forms of companies		
Course Category	Employability		
Development Needs	National		
Course Description	It is charge of preparing and consolidating the company's general ledgers and financial statements		

Course Outcomes		**Teaching Methods**	**Assessment Methods**
CO 1	To Understand the Issue of Shares at par and at premium.	Near Pod	Assignment
CO 2	To understand the concept of Redemption of Preference Share and Debenture.	Cue Think	Work Sheet
CO 3	Able to prepare the Final Accounts of Companies and compute the Managerial Remuneration.	Near Pod	Class Participation
CO 4	Compute the Amalgamation, Absorption and Reconstruction	Cue Think	Watch-Summarise-Question
CO 5	Able to compute the Valuation of Goodwill and Shares	Near Pod	Rapid Fire Question

Offered by		Commerce	
Course Content			**Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapters
I	Issue of shares: At Par, At Premium – forfeiture of shares - Reissue – Surrender of Shares – Rights issue	1	**1**
	Underwriting of Shares	1	**2**
	Instructional Hours		**15**
Suggested Learning Methods: Flipped Class			
II	Redemption of Preference Shares	1	3
	Debentures – issue – Redemption : Sinking Fund Method	1	4
	Instructional Hours		**15**
Suggested Learning Methods : Mind Mapping			
III	Preparation of Company Final Accounts with reference to Part II schedule VI of Indian companies (Amended) Act, Computation of Managerial Remuneration.	1	7
	Instructional Hours		**15**
Suggested Learning Methods : Cooperative Learning			
IV	Amalgamation, Absorption and Reconstruction (Internal & External) (Simple problems only) – Liquidation of Companies	1	22
	Instructional Hours		**15**

	Suggested Learning Methods : Student-Centred learning		
V	Valuation of goodwill, Methods; Valuation of Shares, Need for valuation	1	11
		Instructional Hours	**15**

Suggested Learning Methods : Case Study	
Total Hours	**75**

NOTE: Distribution of Marks: Theory 20% and Problems 80%	
Text Books	1. Reddy & Murthy, **Corporate Accounting**, Margham Publications, Chennai, 2015.
Reference Books	1. Gupta R.L. & Radhaswamy M., **Corporate Accounts- Theory Method and Application,** 13th Revised Edition, Sultan Chand & Co., New Delhi,2006 2. S.P. Jain & K.L. Narang, **Advanced Accounting**, Kalyani Publications, New Delhi,2015 3. Arulanandam M.A., and Raman K.S., **Advanced Accountancy, Part-I,** Himalaya Publications, New Delhi.2003. 4. Shukla M.C.,Grewal T.S.& Gupta S.L., **Advanced Accountancy**, S. Chand & Co., NewDelhi.
Web. URLs	1. https://www.drnishikantjha.com/booksCollection/Corporate%20Accounting%20.pdf

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Work Sheet	Class Participation	Total
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO4	PSO5
CO1	L	L	H	M	M	M	M	H	L	H	H	M	M
CO2	L	H	M	M	M	M	H	M	L	H	H	M	M
CO3	M	H	M	M	H	M	M	H	L	H	H	M	M
CO4	M	M	L	M	H	M	M	H	L	M	H	H	M
CO5	M	H	H	H	M	M	M	H	L	M	H	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms.N.R.Nithya	Dr. R. Mahadevi

Course Code	Title			
23U3CCC308	**Core Paper – VIII Database Management System**			
Semester: III	**Credits: 4**		**CIA : 20 Marks**	**ESE : 55 Marks**
Course Objective :	Enable the students to interpret the Architectural Concept, Structural Embedded SQL, Hierarchical Approach and Network Concept.			
Course Category :	Employability			
Development Needs:	Global			
Course Description :	The course is to present an introduction to database management systems, with an emphasis on how to organize, maintain and retrieve - efficiently, and effectively - information from a DBMS.			

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Define the principles and concepts of database management system	Brain Storming	Assignment
CO 2	Classify the difference between various queries	Flipped Teaching	Online Quiz
CO 3	Construct normalization based on functional dependency	Team-Based Learning	Code Debugging
CO 4	Categorize the basic storage structures and access techniques	Active learning	Assignment
CO 5	Define the data integrity in database	Project Based Learning	Mini Project

Offered by		Commerce	

Course Content			Instructional Hours / Week : 4

Unit	Description	Text Book	Chapters
I	Introduction to DBMS: Database Systems-Organization of Database - Characteristics of Data – Functions of DBMS Components of DBMS - Data Dictionary	1	1
	Database Users: Database Administrator – Designers - End User	1	2
	Instructional Hours		**12**

Suggested Learning Methods: Group Discussion

Unit	Description	Text Book	Chapters
II	Database Architecture and Design: Architecture – Abstraction - Independency - Languages. Design Constraints	1	3
	Data Models: Hierarchical Model– Network Model - Relational Model - E-R Model - Object – Oriented Model.	1	6
	Instructional Hours		**12**

Suggested Learning Methods : Program Development

Unit	Description	Text Book	Chapters
III	SQL: Characteristics - Data Types – Literals - SQL Comments - SQL Operators – Keys – Primary key and foreign key.	1	12
	Tables: Create – Modify - Delete. View: Create - Manipulation - Data Query.	1	14
	Normalization: First, Second, Third, Fourth and Fifth Normal Forms, Good and bad decomposition.	2	14

			Instructional Hours	12
Suggested Learning Methods : Code Debugging				
IV	Data Storage: Storage Devices - Magnetic Tape - Magnetic Disk- Optical Disk - MO Drive	2		9
	Query Processing: Sub- Query Indexing	2		9
			Instructional Hours	12
Suggested Learning Methods : Mind Mapping				
V	Implementation and Issues: Data base Security –Risk - Dimensions – Requirements - Protecting Data with Database.	2		4
	Data Integrity: General Constraints-Domain Constraints- Basic Table Constraints. Network Security	2		7
			Instructional Hours	12
Suggested Learning Methods : Mini Project				
			Total Hours	60

Text Books	1. Alexis Leon & Mathews Leon, **Fundamentals of Database Management Systems,** Vijay Nicole Imprints Private Limited, 2006. 2. C.J.Date**, An introduction to Database Systems,** Pearson Publishers, Seventh Edition, 2000
Reference Books	1. Bipin C Desai, An Introduction to Database Systems, Galgotia Publications Pvt. Ltd., 2010. 2. Jain MadhuLika, Introduction to Database Management System, BPB Publications, 2010.
Web. URLs	https://www.techtarget.com/searchdatamanagement/definition/database-management-system

Tools for Assessment (20 Marks)						
CIA I	CIA II	CIA III	Assignment	Seminar	Poster making	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping													
CO \PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	M	M	M	M	M	M	M	M	M	H	M	M	L
CO2	H	H	H	M	M	M	M	M	H	H	H	M	M
CO3	H	H	M	L	H	M	M	M	M	M	M	L	L
CO4	H	H	H	M	H	M	L	L	M	H	M	L	L
CO5	M	H	H	H	M	L	L	M	M	M	H	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title		
23U3CCP309	**Core Paper –IX Oracle Practical**		
Semester: III	**Credits: 3**	**CIA : 30 Marks**	**ESE : 45 Marks**
Course Objective:	To understand the Database Architectural Concept, Hierarchical approach and Network Concept.		
Course Category:	Skill Development		
Development Needs:	Global		
Course Description:	This course culminates with a project that challenges students to program, implement, and demonstrate a database solution for a business or organization.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Knowledge of creating a table retrieves records and calculate GP	Hands on training	Demonstration
CO 2	Able to extract records from table with constraints	Applications process	Verification
CO 3	Ability to create table and aware of doing calculation in table with constraints	Experiential Learning	Presentation
CO 4	Implementing mathematical functions in Oracle	Hands on training	Demonstration
CO 5	Ability to create and manipulate payroll library and loan management system in Oracle	Flipped Classroom	Verification

Offered by	**Commerce**

Course Content	**Instructional Hours / Week : 3**

Sl. No	List of Programs (10 Programs) Computer Lab
1	Create a table "Company" with the following fields and insert the values for 10 employees. Field Name, Field Type, Field Size- Company Name Character 15, Proprietor Character 15, Address Character 25, Supplier Name Character 15, No of employees Number 4, GP Percent Number 6 with 2 decimal places. Queries: a) Display all the records of the company which are in the ascending order of GP percent. b) Display the name of the company whose supplier name is "Telco". c) Display the details of the company whose GP percent is greater than 20 and order by GP Percent. d) Display the detail of the company having the employee ranging from 300 to1000. Display the name of the company whose supplier is same as the Tata's.
2	Create a table named "Employee" with the following fields and insert the values. Field Name, Field Type, Field Size- Employee Name Character 15 Employee Code Number 6 Address Character 25 Designation Character 15 Grade Character 1 Date of Join Date - Salary Number 10 with 2 decimal places. Queries: a) Display the name of the employee whose salary is greater than Rs.10,000 b) Display the details of employees in ascending order according g to Employee Code. c) Display the total salary of the employees whose grade is "A" d) Display the details of the employee earning the highest salary. Display the names of the employees who earn more than "Ravi"
3	Create a table "Student" with the following fields and insert the values:. Field Name, Field Type, Field Size- Size Student Name Character 15 Gender Character 6 Roll No Character 10 Department

	Name Character 15 Address Character 25 Percentage Number 4 with 2 decimal places
	Queries:
	   a) Calculate the average percentage of students.
	   b) Display the names of the students whose percentage is greater than80.
	   c) Display the details of the student who got the highest percentage.
	   d) Display the details of the students whose percentage is between 50 and70.
	  Display the details of the students whose percentage is greater than the percentage of the roll no=12CA01.

4	Create a table "Product" with the following fields and insert the values: Field Name, Field Type, Field Size- Product No Number 6 Product Name Character 15 Unit of Measure Character 15 Quantity Number 6 with decimal places Total Amount Number 8 with decimal places Queries: a) Using update statements calculate the total amount and then select the record. b) Select the records whose unit of measure is "Kg". c) Select the records whose quantity is greater than 10 and less than or equal to20. d) Calculate the entire total amount by using sum operation. Calculate the number of records whose unit price is greater than 50 with count operation.
5	Create the table PAYROLL with the following fields and insert the values: Field Name, Field Type, Field Size-Employee No Number 8 Employee Name Character 8 Department Character 10 Basic Pay Number 8 with 2 decimal places HRA Number 6 with 2 decimal places DA Number 6 with 2 decimal places PF Number 6 with 2 decimal places Net Pay Number 8 with 2 decimal places Queries: a) Update the records to calculate the net pay. b) Arrange the records of the employees in ascending order of their net pay. c) Display the details of the employees whose department is "Sales". d) Select the details of employees whose HRA>= 1000 and DA<=900. Select the records in descending order.
6	Create a Table Publisher and Book with the following fields: Field Name, Field Type, Field Size-Publisher Code Var Char 5 Publisher Name Var Char 10 Publisher city Var Char 12 Publisher State Var Char 10 Title of book Var Char 15 Book Code Var Char 5 Book Price Var Char 5 Queries: a) Insert the records into the table publisher and book. b) Describe the structure of the tables. c) Show the details of the book with the title "DBMS". d) Show the details of the book with price>300. e) Show the details of the book with publisher name "Kalyani". f) Select the book code, book title; publisher city is "Delhi". g) Select the book code, book title and sort by book price. h) Count the number of books of publisher starts with "Sultan chand". Find the name of the publisher starting with "S".
7	Create a table Deposit and loan with the following fields: Field Name, Field Type, Field Size-Account Var Char 6 Branch Name Var Char 15 Customer Name Var Char 20 Balance Amount Var Char 10 Loan Number Var Char 7 Loan Amount Var Char 6 Queries: a) Insert the records into the table. b) Describe the structure of the table. c) Display the records of Deposit and Loan.

| | d) Find the number of loans with amount between 10000 and50000. |
| | e) List in the alphabetical order the names of all customers who have a loan at the Coimbatore branch. |

| | **Total Hours** | **45** |

| **Tools for Assessment (30 Marks)** |

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	**5**	**5**	**5**	**5**	**5**	**30**

| **Mapping** |

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	M	M	H	M	M	M	H	H	M	M	M
CO2	H	M	H	M	M	H	L	M	M	M	M	L	L
CO3	M	H	H	M	M	M	M	L	H	H	M	M	L
CO4	H	H	M	H	H	M	L	M	H	H	M	M	M
CO5	M	H	H	H	M	H	L	L	M	M	M	M	L

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. J. Divya Jose	Dr. R. Mahadevi

Course Code	Title		
23U3ACA303	**Allied Paper – III Managerial Economics**		
Semester : III	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to B.Com CA/ PA/ IT/ Banking)			
Course Objective :	To gain knowledge about the concepts, tools and principles in the field of Economics		
Course Category :	Skill Development		
Development Needs:	Global		
Course Description :	It is a branch of economics involving the application of economic methods in the managerial decision-making process.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Find knowledge in economic theories and its application in business	Flipped Class	Think-Pair-Share
CO 2	Outline and analyze the market demand	Cue Think	Assignment
CO 3	Build decisions in production process	Flipped Class	Seminar
CO 4	Test for pricing strategies and pricing decisions	Near pod	Poster Making
CO 5	Analyse operations of markets under varying competitive conditions	Cue Think	Fishbowl technique

Offered by	**Commerce**	

Course Content		**Instructional Hours / Week : 3**

Unit	Description	Text Book	Chapters
I	Managerial Economics: Meaning and Definition – Nature and Scope – Economic Theory and Managerial Theory – Divisions of Managerial Economics	1	1
	Goals of a Firm	2	1
	Instructional Hours		**9**
Suggested Learning Methods: Mind Mapping			
II	Demand Analysis: Meaning, Determinants of Demand, Law of Demand and Types of Demand – Law of Diminishing Marginal Utility. Elasticity of Demand, Determinants of Elasticity of Demand and Types of Elasticity of Demand.	1	4
	Demand Forecasting	1	6
	Demand Distinctions	1	5
	Instructional Hours		**9**
Suggested Learning Methods : Cooperative Learning			
III	Production: Factors of Production, Production Function.	1	7
	Type of cost of Production – Long run and Short run cost Curve Production Possibility Curve	1	13
	Instructional Hours		**9**
Suggested Learning Methods : Student – Centred Learning			

IV	Pricing Methods, Pricing Policies and Practices	3	19 & 20
	MRTP Act 1969	1	35
	Instructional Hours		**9**

Suggested Learning Methods : Mind Mapping			
V	Markets: Different types of Markets and Characteristics	2	7
	Market Under Perfect Competition, Monopoly, Monopolistic, Oligopoly and duopoly.	2	8, 9, 10 & 11
	Instructional Hours		**9**

Suggested Learning Methods : Case Study			
	Total Hours		**45 Hrs**

Text Books	1. S. Sankaran, Managerial Economics, Margham Publications, Chennai, 2014 2. S. Sankaran, Business Economics, Margham Publications, Chennai, 2014 3. R. L. Varshney and K. L. Maheshwari, Managerial Economics, Sulthan Chand and Sons, New Delhi,2004.
Reference Books	1. S. Sankaran, Economic Analysis, Margham Publications, Chennai, 2003. 2. D. Gopalakrishna, Managerial Economics, Himalaya Publishing House, Mumbai, 2013. 3. Alak Gosh and Biswanath Gosh, Managerial Economics, Kalyani Publications, 2010. 4. Saroj Kumar and Sarita, Managerial Economics, Thakur Publishers, Chennai, 2011.
Web. URLs	1. https://www.extension.iastate.edu/agdm/wholefarm/html/c5-207.html

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	M	M	H	H	M	H	H	H	L	M	H	H	L
CO2	H	H	H	M	H	M	M	H	M	H	M	M	M
CO3	H	H	M	H	M	H	H	H	L	M	H	M	M
CO4	H	H	M	H	L	H	M	H	M	H	M	M	M
CO5	H	H	M	H	M	H	H	H	L	H	H	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms.D.Devika	Dr. R. Mahadevi

Course Code	Title			
23U4ACS301	Skill Based Paper – I (A) Human Resource Management			
Semester: III	Credits: 3	CIA: 20 Marks		ESE: 55 Marks
(Common to B.Com CA/PA/IT/Banking)				

Course Objective:	To Enable the students to integrate the understanding of various HR concepts along with the domain concept in order to take correct business decisions
Course Category:	Employability
Development Needs:	National
Course Description:	The course of Human Resource Management mainly focuses on administrative services, staff administration, and performance management, and most importantly, on the hiring process. The course helps the students to study and get the knowledge and principles that are required to handle the human resources of the company.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand Human Resource Management concepts	Lecture Method	Assignment
CO 2	Outline and Analysis the Human Resource Process and Job Analysis	Flipped Teaching	Poster Presentation
CO 3	Knowledge about Recruitments and Selection process	Lecture Method	Assignment
CO 4	Aware about the Performance Appraisal, Promotion, Transfer and Grievance Procedure	Lecture Method	Poster Presentation
CO 5	Integrate the knowledge of Recent trends or Techniques in HRM	Flipped Teaching	Seminar

Offered by	Commerce

Course Content			Instructional Hours / Week: 3	

Unit	Description		Text Book	Chapters
I	HRM: Meaning & Definition – Objectives – Scope – Importance – Role - Functions – HRM in India – Environment of HRM		1	1,2
		Instructional Hours		**9**
Suggested Learning Methods: Group Discussion				
II	HRP & Job Analysis: HRP meaning & objectives – HRP Process – Need for and important of HRP – Problems of HRP – Recent Trends in HRP		1	4
	Process of Job Analysis – Concept of Job Design – Factors affecting job design – Methods / Techniques of Design		1	5
		Instructional Hours		**9**
Suggested Learning Methods: Group Discussion				
III	Recruitments & Selection: Meaning & Definition – Recruitment policy – Sources of Recruitment – Factors affecting recruitment – Recruitment process in India.		1	6
	Essential of selection procedure – Role of Selection procedure – Need for Scientific Selection		1	7
		Instructional Hours		**9**
Suggested Learning Methods: Peer Tutoring				
IV	Performance Appraisal – Meaning, Need and purpose – Appraisers – Methods of Performance Appraisal – Traditional Methods – Modern Methods.		2	8

	Promotion – Meaning – Types – Purpose – Benefits – Problems. Transfer – Meaning – Reasons – Types. Grievance Procedure – Meaning, Need – Causes - Objectives	2	26
		Instructional Hours	**9**

Suggested Learning Methods: Mind Mapping

V	Recent Techniques in HRM: Employees for lease – Moon lighting by employees – Human Resource Accounting – Advantage and Limitations – Human resource information system – Need and Advantages – E-Human Resource Management – EHRM Planning – E-Recruitment –E-Selection	2	33,36
		Instructional Hours	**9**

Suggested Learning Methods: Mind Mapping

	Total	**45 Hrs**

Text Books :	1.S.S.Khanka : Human Resource Management (Text and Cases): S.Chand& Company Ltd., New Delhi 2.P.Subba Rao : Personnel and Human Resource Management (Text and Cases) : Humalaya Publishing House Pvt. Ltd.,
Reference Books :	1. K. Aswathappa : Human Resource Management Text and Cases: Tata McGraw Hill, New Delhi 2. George W Bohlander and Scott A Snell: Principles of Human resource Management: Cengage Learning, New Delhi. 3. P.G.Aqinas: Human Resource Management Principles and Practice: Vikas Publishing House Pvt. Ltd., New Delhi
Web. URLs	1. HM-204.pdf (uou.ac.in)

Tools for Assessment (20 Marks)

CIAI	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	M	M	M	H	M	H	M	H	M	M
CO2	H	H	M	M	M	M	H	M	H	M	M	M	H
CO3	H	H	M	M	M	M	M	M	M	M	L	M	M
CO4	H	H	M	M	M	M	H	M	H	H	M	M	M
CO5	H	H	M	M	M	M	M	M	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. M. Priya	Dr. R. Mahadevi

Course Code	Title		
23U4ACZ302	**Skill Based Paper – I (B) Photoshop - Practical**		
Semester: III	**Credits: 3**	**CIA: 30 Marks**	**ESE: 45 Marks**
(Common to B.Com CA/PA/IT/Banking)			
Course Objective :	Enable the students to learn the basic tools used in Adobe Photoshop to create and edit images.		
Course Category :	Skill Development, Employability		
Development Needs :	Global		
Course Description :	This course will expose students to a comprehensive understanding of Adobe Photoshop. Students will develop creative projects through concise instructions, and complete coverage of basic to advanced Photoshop skills to help students create dynamic Photoshop Art.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Develop the skills in editing and altering photographs and Color management	Hands on Training	Creative Thinking
CO 2	Able to work with Matte painting and compositing	Hands on Training	Demonstration
CO 3	Develop the skill in Layers Manipulation	Video Lessons	Models
CO 4	Enable to Handle the shape and image with 3D	Hands on Training	Demonstration
CO 5	Able to do Web page Creation	Video Lessons	Models

Offered by	**Commerce**	
Course Content		**Instructional Hours / Week: 3**

S. No.	Description
1	Merge the photo using Photoshop.
2	Change the BG and foreground of an image using Photoshop.
3	Change the Black and white image to color image in Photoshop.
4	Design the magazine cover using Photoshop.
5	Design any product using Matte Painting in Photoshop.
6	Design the advertising Layer styles, Layer effects and Adjustment layers.
7	Design a Poster using Photoshop.
8	Create 3D Shapes using Photoshop.
9	Moving an object with sound effects.
10	Design a web page using Photoshop.
	Total **45 Hrs**

Tools for Assessment (30 Marks)						
Creative Thinking	**Lab Performance**		**Report**	**Test 1**	**Test 2**	**Observation Note**	**Total**
5	5		5	5	5	5	30

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	M	H	M	M	H	L	H	H	M	M	H	M	H
CO2	H	H	L	L	H	L	H	H	M	M	H	M	H
CO3	M	H	M	L	H	L	H	H	M	M	M	M	H
CO4	M	H	L	M	H	L	H	H	M	M	H	M	H
CO5	H	H	M	M	H	L	H	H	M	M	H	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Mr.V.Veera Kumaran	Dr. R. Mahadevi

Course Code	Title		
23U4ACZ303	**Skill Based Paper - I (C) Digital Payment System - Practical**		
Semester: III	**Credits: 3**	**CIA: 30 Marks**	**ESE: 45 Marks**
(Common to B.Com CA/PA/IT/Banking)			

Course Objective	It is a flagship programme of the Government of India with a vision to transform India with a digitally empowered society and knowledge economy
Course Category	Skill Development
Development Needs	Global
Course Description	It is the transfer of value from one account to another using a digital medium.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Awareness of Debit and Credit Cards.	Flipped Classroom	Models
CO 2	Learn about Gpay and UPI in digital mode.	Flipped Classroom	Demonstration
CO 3	Understand about the Phonepe in Fund Transfer.	Video Lessons	Report
CO 4	Know about Paytm Transferring Fund Using QR Code.	Flipped Classroom	Demonstration
CO 5	Knowledge on Razor Pay and WhatsApp Pay in Transferring Fund.	Video Lessons	Models

Offered by	**Commerce**	
Course Content		**Instructional Hours / Week: 3**

S. No.	Description
1	Prepare Debit Cum ATM Card and Mention the Uses of the Card.
2	How to Transfer Fund using ATM Card.
3	Prepare Credit Card and Mention the Uses of the Card.
4	How to Transfer amount through Gpay to Bank Account.
5	How to Pay amount through Gpay to UPI, QR Code and Gpay Number.
6	How to Transfer amount through Phonepe to Bank Account.
7	How to Pay amount through Phonepe to UPI, QR Code and Phonepe Number.
8	How to Transfer amount through Paytm to Bank Account.
9	How to Pay amount through Paytm to UPI, QR Code and Paytm Number.
10	How to Transfer and Pay amount through Razor Pay and WhatsApp Pay.
	Total **45 Hrs**

Tools for Assessment (30 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	5	5	5	5	5	30

								Mapping					
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	H	M	M	H	L	M	L	H	H	M	M
CO2	M	H	M	H	H	M	H	M	M	H	H	M	L
CO3	L	M	H	H	M	H	H	L	M	H	H	M	H
CO4	L	H	M	H	M	H	H	L	M	H	M	H	L
CO5	H	M	H	H	M	M	H	L	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. S. Balaji	Dr. R. Mahadevi

Course Code	Title	
22U4NM3BT1	**Part IV : Basic Tamil – I (அடிப்படைத்தமிழ் - I)**	
Semester: III	**Credits: 2**	**CIA: 50 Marks**

(Common to all UG Programmes)		
Course Objective	தமிழ் மொழியைக் கற்பித்தல்–மொழித்திறனை வளர்த்தல்.	
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)	
Development Needs	Regional (தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)	
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்	

Course Outcomes		**Teaching Methods**	**Assessment Methods**
CO 1	தமிழ் எழுத்துக்கள் அறிமுகம் செய்தல் மற்றும் வாசித்தல் ஆகியவற்றின் பயன்பாடு.	குழு விவாதம்	ஒப்படைவு
CO 2	பிறமொழி கற்றல் ஆர்வம் தூண்டல்.	குழு விவாதம்	கருத்தரங்கு
CO 3	பிறமொழி அறிவுத் திறன் மேம்படச்செய்தல	விரிவுரை/ காணொளிப்பட விளக்கம்	குழுத்திட்டம்
CO 4	வார்த்தை அமைக்கும் திறன் பெறச்செய்தல்.	விரிவுரை/ குழு விவாதம்	குழுத்திட்டம்
CO 5	கையெழுத்துத்திறன் பெறச்செய்தல்.	குழு விவாதம்	குழுத்திட்டம்

Offered by	தமிழ்த்துறை	

Course Content : Basic Tamil – I அடிப்படைத்தமிழ் - I	**Instructional Hours / Week : 2 Hours**		
Unit	**Description**	**Text Book**	**Chapters**
I	தமிழ் மொழியின் அடிப்படைக் கூறுகள்	இலக்கணம்	1.உயிர்எழுத்துக்கள் 2.மெய் எழுத்துக்கள் 3.உயிர்மெய் எழுத்துக்கள்
	Instructional Hours		**6 Hours**
Suggested Learning Methods : எழுத்துக்களை எழுதும் மற்றும் வாசிக்கும் திறன் பெற்றமை			
II	சொல் அமைத்தல்	இலக்கணம்	1.ஓர் எழுத்து ஒருமொழி 2.இரண்டுமுதல் ஐந்து எழுத்துச்சொற்கள் 3.தமிழ் மாதங்கள் பெயர்,கிழமைகளின் பெயர் 4.வண்ணங்கள் பெயர், 5.சொல் ஆக்கம்
	Instructional Hours		**6 Hours**
Suggested Learning Methods : எழுத்துக்களை கொண்டு சொற்களை உருவாக்கும் பயிற்சி பெற்றமை			
III	தொடரமைப்பு	தொடரமைப்பு	1.எழுவாய் 2.செயப்படுபொருள்
	Instructional Hours		**6 Hours**
Suggested Learning Methods : சொற்களைக் கொண்டு தொடர் உருவாக்கும் பயிற்சி பெற்றமை			
IV	குறிப்பு எழுதுதல்	இலக்கணம்	1.தொடரமைப்பு 2.பத்தி அமைப்பு
	Instructional Hours		**6 Hours**
Suggested Learning Methods : பத்தி அமைப்பு உருவாக்கும் திறன் பெற்றமை			

V	பிழைநீக்குதல்	இலக்கணம்	1.ஒற்றுப்பிழை 2.வாக்கியப் பிழை

Instructional Hours	**6 Hours**

Suggested Learning Methods : இலக்கணப் பிழை இன்றி எழுதும் திறன் பெற்றமை

Total Hours	**30 Hours**

Text Books	1. இளங்கலை தமிழ் மாணவர்களுக்குரிய பாடநூல்"அரிச்சுவடி" தொகுப்பு: தமிழ்த்துறை,நேரு கலை மற்றும் அறிவியல் கல்லூரி,கோயம்புத்தூர்.
Reference Books	1. பவணந்தி முனிவர்,நன்னூல் பூலியூர்க்கேசிகன் உரை,சாரதா பதிப்பகம், சென்னை–40. 2. தொல்காப்பியம், கணேசையர் பதிப்பு,உலகத் தமிழாராய்ச்சி நிறுவனம், சென்னை -113.
Web. URLs	https://youtu.be/P7vvUnjI6vY, https://youtu.be/Zx4R3yZseuQ.

Tools for Assessment (50 Marks)

CIA I	CIA II	CIA III	Seminar	Assignment	Group Project	Total
8	8	10	8	8	8	50

Mapping

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	L	H	L	H	M	H	H	M	M	H	M	L
CO2	M	L	H	L	M	M	L	H	H	L	M	H	M
CO3	H	L	H	L	L	M	M	H	M	M	H	L	H
CO4	H	L	M	L	L	M	H	M	M	M	L	M	L
CO5	M	L	H	L	M	M	H	H	L	H	M	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr. S. Satheesh kumar	**Dr. A. Sridevi**

Course Code	Title
22U4NM3AT1	Part – IV : Advanced Tamil – I

Semester : III	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)	
Course Objective	புதுக்கவிதை உருவாக்கும் திறன் வளர்த்தல் - மொழித்திறனை மேம்படுத்துதல்
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)
Development Needs	Regional (தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	புதுக்கவிதை படைக்கும் திறன் வளர்த்தல்	விரிவுரை	குழுத்திட்டம்
CO 2	படைப்பாக்கத்திறன் அறிவு பெறச்செய்தல்.	விரிவுரை/ குழு விவாதம்	கருத்தரங்கு
CO 3	தகவல் தொடர்பியலுக்கான கடிதம்,அமைவுத்திறன் பெறச்செய்தல்	விரிவுரை/ காணொளிப்பட விளக்கம்	கருத்தரங்கு
CO 4	மொழியைப்பிழையின்றிப்பேசும் ,எழுதும் திறன் பெறச் செய்தல்	விரிவுரை	ஒப்படைவு
CO 5	கடிதம் எழுதுதல் மற்றும் மொழியறிவைப் பெறுதல்.	விரிவுரை/ காணொளிப்பட விளக்கம்	குழுத்திட்டம்

Offered by	தமிழ்த்துறை

Course Content	Instructional Hours / Week : 2

Unit	Description	Text Book	Chapters
I	புதுக்கவிதை	1. பாரதியார் 2. பாரதிதாசன்	1.1. தேசபக்திபாடல் தாயின் மணிக்கொடி பாரீர் 1.2. பாரதிதாசன்(தமிழ்மொழிபற்று – கனியிடை, தமிழுக்கும் அமுதென்று)
			Instructional Hours **6**

Suggested Learning Methods : கவிதை எழுதும் திறன் பெற்றமை

Unit	Description	Text Book	Chapters
II	பிழை நீக்குதல்	இலக்கணம்	2.1. சொற்பிழை நீக்கம் 2.2. தொடர்ப்பிழை நீக்கம் 2.3. பத்தி எழுதச் செய்தல்
			Instructional Hours **6**

Suggested Learning Methods : வாக்கியங்களைப் பிழை இன்றி எழுதும் திறன் பெற்றமை

Unit	Description	Text Book	Chapters
III	இலக்கணப் பயிற்சி அளித்தல்	இலக்கணம்	3.1. தொகை நிலைத் தொடர் 3.2. தொகா நிலைத்தொடர் 3.3.ஆகுபெயர் வகைகள்
			Instructional Hours **6**

Suggested Learning Methods : இலக்கணப் பிழை இன்றி எழுதும் பயிற்சி பெற்றமை

IV	கடிதம் எழுதுதல்	இலக்கணப் பயிற்சி ஏடு	4.1. பாராட்டுக்கடிதம் 4.2. நன்றிக்கடிதம் 4.3. அழைப்புக்கடிதம் 4.4. அலுவலகக்கடிதம் 4.5. நட்புக்கடிதம்

			Instructional Hours	**6**

Suggested Learning Methods : கடிதம் எழுதும் திறன் பெற்றமை

V	இலக்கிய வரலாறு	தமிழ் இலக்கிய வரலாறு	1. வேலு நாச்சியார் 2. கப்பலோட்டிய தமிழன்

			Instructional Hours	**6**

Suggested Learning Methods : தமிழ் இலக்கிய வரலாற்றின் சிறப்பினை அறிய பெற்றமை

		Total Hours	**30**

Text Books	1. இளங்கலை தமிழ் மாணவர்களுக்குரிய பாடநூல் "திரட்டு" தமிழ்த்துறை. தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	1. பாரதியார் – பாரதியார்கவிதைகள், அபிராமிபதிப்பகம், 7- பி,கொடிமரத் தெரு, சென்னை – 013 2. பவணந்திமுனிவர் – நன்னூல், பூலியூர்க்கேசிகன் உரை, சாரதா பதிப்பகம், சென்னை - 040
Web. URLs	

Course designed by	Verified by
Dr. S. Satheeskumar	Dr. A. Sridevi

Course Code	Title	
22U4NM3CAF/ 21U4NM3CAF	**Non Major Elective : Consumer Affairs**	
Semester : III	**Credits : 2**	**ESE : 50 Marks**
(Common to all UG Programmes)		
Course Objective	To enable the students to understand the concepts of Consumers and Markets	
Course Category	Employability	
Development Needs	National & Global	

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Know their rights and responsibilities as a consumer	Lecture/ Video Lectures	Assignment
CO 2	Gain knowledge about Consumer protection law in India	Lecture/ Peer Teaching	Seminar
CO 3	Understand the procedure about redressed of consumer complaints	Lecture/ Group Discussion	Seminar
CO 4	Learn about Consumer related regulatory agencies and Norms	Lecture/ Role Play	Assignment
CO 5	Comprehend Business Firms, Interface with Consumers.	Lecture/ Group Discussion	Quiz

Offered by	**Department of Business Administration**

Course Content	**Instructional Hours / Week : 2**

Unit	Description	Text Book	Chapters
I	**Conceptual Framework - Consumer and Markets:** Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labelling and packaging along with relevant laws, Legal Metrology. Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process.	1	1 & 2
	Instructional Hours		**6**
Suggested Learning Methods : Video lectures			
II	**The Consumer Protection Law in India** **Objectives and Basic Concepts:** Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice.	1	5 & 6
	Instructional Hours		**6**
Suggested Learning Methods : Peer Teaching			

III	**Grievance Redressal Mechanism under the Indian Consumer Protection Law** Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal f cases, Relief/Remedy available; Temporary Injunction, Offences and penalties.	2	1
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

IV	**Role of Industry Regulators in Consumer Protection -** Industry self-regulation (ISR) Protection Policies, Consumer Protection Agencies
	    i. Telecommunication: TRAI
	    ii. Food Products: FSSAI
	Insurance : IRDA and Insurance Ombudsman
		2	4

	Instructional Hours		**6**

Suggested Learning Methods : Role Play

V	**Contemporary Issues in Consumer Affairs** **Consumer Movement in India:** Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing. **Quality and Standardization:** Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance.	2	6 & 7
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

	Total Hours	**30**
Reference Books	1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi. (2007) Consumer Affairs, Universities Press. 2. Choudhary, Ram Naresh Prasad (2005). Consumer Protection Law Provisions and Procedure, Deep and Deep Publications Pvt Ltd.	

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	-	-	-	M	H	H	M	M	-	-	-	-
CO2	L	-	-	-	M	H	H	M	M	-	-	-	-
CO3	L	-	-	-	M	H	M	M	M	-	-	-	-
CO4	L	-	-	-	M	H	H	M	M	-	-	-	-
CO5	L	-	-	-	M	H	H	M	M	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. R. A. Ayyapparajan	Dr. R. A. Ayyapparajan

Course Code	Title	
22U4NM3GST	**Non Major Elective : Gender Sensitization**	
Semester : III	**Credits : 2**	**ESE : 50 Marks**

(Common to all UG Programmes)	
Course Objective	To raise awareness of gender, promote gender equality, and equip learners with key concepts and principles of gender sensitization.
Course Category	Skill Development, Employability and Entrepreneurship
Development Needs	Local, National and Global
Course Description	The course aims an exploration of overview of gender, its social construction, gender issues and challenges in India, and equips learners with key concepts and principles of gender sensitization to promote inclusivity and equity.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Learn gender roles, socialization, and stereotypes.	Direct Instruction	Assignment
CO 2	Recognize the gender discrimination causes, areas, and levels in institutions.	Direct Instruction	Seminar
CO 3	Identify the gender identity formation, types, families, and socialization in India.	Video Lessons	Assignment
CO 4	Understand the gender concerns in access, enrollment, retention, participation, and achievement.	Direct Instruction	Assignment
CO 5	Apply the Laws Related to Women	Direct Instruction	Exhibition

Offered by	**Department of Costume Design and Fashion**

Course Content			Instructional Hours / Week : 2	
Unit	**Description**		**Text Book**	**Chapters**
I	**Gender Socialisation and Gender Roles:** Introduction- Meaning of Sex and Gender, Gender Socialisation– Definitions, Agents of Gender Socialisation, Gender Roles- Meaning, Definitions, Nature of Gender Roles, Factors Determining Gender Roles/Stereotypes		1	-
	Instructional Hours			**6**
Suggested Learning Methods : Group discussions				
II	**Gender Discrimination:** Gender Discrimination - Meaning and Causes of Gender Discrimination, Areas of Gender Discrimination, Gender Discrimination at Different Levels of Institutions		1	-
	Instructional Hours			**6**
Suggested Learning Methods : Video documentaries and films				
III	**Gender Identity:** Gender Identity - Meaning, Formation and Factors of Gender Identity, Types of Gender Identity, Types of Families in India, Gender Socialisation within Indian Families		1	-
	Instructional Hours			**6**
Suggested Learning Methods : Case Method				

IV	**Gender Concerns:** Gender Concerns Related to Access, Enrolment, Retention, Participation, and Achievement	1	-
	Instructional Hours		**6**

Suggested Learning Methods : Video documentaries and films

V	**Laws Related to Women:** Laws Related to Rape, Laws Related to Dowry - Dowry Prohibition Act, 1961, Laws Related to Remarriage, Laws Related to Divorce, Laws Related to Property Inheritance, Laws Related to Trafficking, Constitutional and Legal Aspects related to Women - Women's Reservation Bill – History and Current Status	1	-
	Instructional Hours		**6**

Suggested Learning Methods : Case Method

	Total Hours	**30**

Text Books	1. Gender School and Society : Self-learning Material, MANGALORE UNIVERSITY, Printed at Datacon Technologies, Bangalore, 2018
Reference Books	1. United Nations Development Programme. (2014). Gender Equality and Women's Empowerment: Training Manual. New York: UNDP.
Web. URLs	1. Coursera - https://www.coursera.org/courses?query=gender%20sensitization 2. edX - https://www.edx.org/learn/gender-sensitization 3. Udemy - https://www.udemy.com/topic/gender-sensitization/

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	M	M	H	H	M	-	-	-	-	-
CO2	H	M	M	M	H	H	M	M	-	-	-	-	-
CO3	H	M	M	M	M	H	H	M	-	-	-	-	-
CO4	H	M	M	M	L	H	H	M	-	-	-	-	-
CO5	H	M	M	M	M	H	M	M	-	-	-	-	-

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. M. Nandhini	Dr.S. Jayapriya

Course Code	Title	
22U4NM3WRT / 21U4NM3WRT	**Non Major Elective : Women's Rights**	
Semester : III	**Credits : 2**	**ESE : 50 Marks**

	(Common to all UG Programmes)		
Course Objective	To facilitate the awareness about the social, economical, political, intellectual or cultural contributions of Women in India.		
Course Category	Skill Development		
Development Needs	National		
Course Description	Apply the knowledge of Rights related to women for their betterment.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Aware of basic constitutional rights	Lecture/ Case Study/ Role Play	Seminar
CO 2	Gain awareness on Political rights	Lecture/ Case Study/ Role Play	Role Play
CO 3	Understand individual and familial rights	Lecture/ Case Study/ Role Play	Role Play
CO 4	Grasp the provisions for Women's Rights in India	Lecture/ Case Study/ Role Play	Role Play
CO 5	Develop an understanding of the Protection Mechanisms for women	Lecture/ Case Study/ Role Play	Assignment

Offered by	**Department of Social Work**

Course Content	**Instructional Hours / Week : 2**

Unit	Description	Text Book	Chapters
I	**Constitutional Rights of Women in India**: Indian constitution relating to women - Fundamental rights - Directive principles of state policy - right to equality – rights against exploitation cultural and educational rights - the right to constitutional remedy - University Declaration of Human Rights -Enforcement of Human Rights for Women and Children - Role of Cells and Counseling Centers - Legal AID cells, Help line, State and National level Commission	4	2
	Instructional Hours		**6**
Suggested Learning Methods : Seminar			
II	**Political Rights of Women in India:** Political Rights of Women in India - Electoral process – women as voters - candidates and leader - pressure group, 73rd and 74th amendment and representation of women in local self –government – women in Rural and urban local bodies - Reservation of women - party ideologies and women's issues.	5	1
	Instructional Hours		**6**
Suggested Learning Methods : Role Play			

III	**Women's Rights: Access to Justice:** Introduction – Criminal Law – Crime Against Women Domestic Violence – Dowry Related Harassment and Dowry Deaths - Molestation – Sexual Abuse and Rape Loopholes in Practice–Law Enforcement Agency	3	7
	Instructional Hours		**6**

Suggested Learning Methods : Role Play

IV	**Women's Rights:** Violence Against Women – Domestic Violence The Protection of Women from Domestic Violence Act 2005, The Marriage Validation Act 1982 - The Hindu Widow Remarriage Act 1856 - The Dowry Prohibition Act 1961.	3	5
	Instructional Hours		**6**

Suggested Learning Methods : Creative Art Assignments

V	**Special Women Welfare Laws:** Sexual Harassment at Work Places, Rape and Indecent Representation, The Indecent Representation (Prohibition) Act, 1986, Immoral Trafficking, The Immoral Traffic (Prevention) Act, 1956 - Acts Enacted for Women Development and Empowerment, Role of Rape Crisis Centers. Protection of Children from sexual Offences Act 2012.	3	9
	Instructional Hours		**6**

Suggested Learning Methods : Community Participation Program

	Total Hours	**30**

Reference Books	1. P. D. Kaushik "Women Rights" Book well Publication 2007 UN Centre for Human Rights, Discrimination against Women (Geneva: World Campaign for Human Rights,1994). 2. Agnes, Flavia. (1992). "Give us "Give us This Day Our Daily Bread: Procedures and Case Law on Maintenance". Majlis, Bombay. 3. Agnes, Flavia. (1999). "Law and Gender Inequality: The Politics of Women"s Rights in India". OUP, New Delhi

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	M	M	H	M	M	M					
CO2	H	M	M	H	M	M	H	H					
CO3	H	M	M	H	M	H	M	M					
CO4	M	H	M	H	M	M	M	H					
CO5	H	M	M	H	M	H	M	M					

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr. P. Nathiya	Dr. P. Nathiya

23U1TAM404	Part - I : Muthamizh (முத்தமிழ்)		
Semester: IV	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
Course Objective	சங்ககால மக்களின் வாழ்வியல் வாயிலாக பண்பாட்டுக் கூறுகளை உணர்த்துதல்		
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)		
Development Needs	Global/Regional (உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)		
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல் மற்றும் உலக அளவில் தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	தமிழர்களின் வாழ்வியல் பண்புகளைக் கற்று அறிதல்.	விரிவுரை/காணொளிப் பட விளக்கம்	ஒப்படைவு
CO 2	தமிழ் இலக்கிய வகைகளைக் கூறுவதன் மூலம் தமிழின் இலக்கிய வளத்தை உணரச்செய்தல்.	விரிவுரை	குழுத்திட்டம்
CO 3	மாணவர்களிடையே காலத்திற்கேற்ப மனவளர்ச்சியை உருவாக்குதல்.	விரிவுரை/காணொளிப் பட விளக்கம்	கருத்தரங்கு
CO 4	நாட்டின் சிறந்த குடிமக்களாக மாணவர்களை உருவாக்குதல்.	விரிவுரை	ஒப்படைவு
CO 5	மாணவர்களின் மனநலத்தை வளர்த்தல்.	விரிவுரை/குழு விவாதம்	கருத்தரங்கு

Offered by	தமிழ்த்துறை

Course Content: Muthamizh (முத்தமிழ்)		Instructional Hours / Week : 4	

Unit	Description	Text Book	Chapters
I	எட்டுத்தொகை	1. நற்றிணை 2. குறுந்தொகை 3. பதிற்றுப்பத்து 4. புறநானூறு	1.1 குறிஞ்சி: நின்ற சொல்லார் .., 1.2 முல்லை : இளமை பாரார் .., குறிஞ்சி : நிலத்தினும்..., பாலை :ஆடு அமை ...விளையாட்டு ஆயமொடு 1.3 ஐந்தாம் பத்து : ஊன் தூவை அடிசில் 1.4 யாதும் ஊரே .. பல் சான்றீரே .., அற்றைத்திங்கள்
			Instructional Hours	**12 Hours**

Suggested Learning Methods: சங்க இலக்கிய வழி நற்பண்புகளை அறியச்செய்தல்

Unit	Description	Text Book	Chapters
II	பத்துப்பாட்டு	1.சிறுபாணாற்றுப்படை 2.குறிஞ்சிப்பாட்டு 3.பொருநர்ஆற்றுப்படை 4.மதுரைக்காஞ்சி	2.1 கடையெழு வள்ளல்கள் சிறப்பு 2.2 அறத்தொடு நிற்றல் 2.3 மன்னனின் விருந்தோம்பல் 2.4 பாண்டிய நெடுஞ்செழியன் குடிச்சிறப்பு
			Instructional Hours	**12 Hours**

Suggested Learning Methods : புலவர்களின் மாண்புகளை வெளிப்படுத்துதல்

Unit	Description	Text Book	Chapters
III	அற இலக்கியங்கள்	1.நான்மணிக்கடிகை 2.இனியவை நாற்பது 3.களவழி நாற்பது- 4.ஆசாரக்கோவை	விளம்பிநாகனார் - (1-5 பாடல்கள்) பூதஞ்சேந்தனார் - (1-5 பாடல்கள்) பொய்கையார் - (11-15பாடல்கள்) பெருவாயின் முள்ளியார் (1-5 பாடல்கள்)
			Instructional Hours	**12 Hours**

Suggested Learning Methods : அற இலக்கியங்களின் மாண்புகளை அறிய பெற்றமை

Unit	Description	Text Book	Chapters
IV	தமிழ்ச் செயலிகள்	தனித்தமிழ்	4.1 செயலிகள் அறிமுகம் 4.2 வகைகள்

			4.3 மொழிபெயர்ப்புச் செயலிகள்
			4.4 தமிழ்ச் செயலிகள்

Instructional Hours	**12 Hours**

Suggested Learning Methods : தமிழ்ச் செயலிகள் பற்றி அறியும் வாய்ப்பு பெற்றமை	

			5.1 முதற்பொருள், கருப்பொருள், உரிப்பொருள்
V	இலக்கணம்	1.நன்னூல் 2.தொல்காப்பியம்	5.2 பத்து அழகு
			5.3 பத்து குற்றம்
			5.4 ஆங்கிலத்திலிருந்து தமிழில் மொழிபெயர்த்தல்

Instructional Hours	**12 Hours**

Suggested Learning Methods : இலக்கண மாண்புகளை அறியும் திறன் பெற்றமை	

Total Hours	**60 Hours**

Text Books	1. இளங்கலை முதலாம் ஆண்டு தமிழ் மாணவர்களுக்குரிய பாடநூல் தொகுப்பு: "முத்தமிழ்" தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	1. சங்க இலக்கியங்கள் - எட்டுத்தொகை, பத்துப்பாட்டு கழக வெளியீடு, திருநெல்வேலி. 2. தனித்தமிழ்- இளசுந்தரம், விகடன் பிரசுரம். சென்னை.
Web. URLs	https://youtu.be/GrNnb68Fd6w , https://youtu.be/14-sEAUzXP8 .

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Seminar**	**Assignment**	**Group Project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
PO / CO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	M	L	H	L	H	H	M	H	M	M	L	M	M
CO2	M	L	H	L	M	L	M	H	M	M	M	M	M
CO3	H	L	H	L	H	H	M	H	H	H	M	M	L
CO4	M	L	M	L	H	H	H	M	L	L	H	H	H
CO5	H	L	L	L	M	H	L	M	M	M	M	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Dr. S. Satheesh kumar	Dr. A. Sridevi

Course Code	Title		
23U1HIN404	**Part I - Prayogik Hindi** (प्रायोगिक **हिंदी**)		
Semester: IV	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to all UG Programmes)			
Course Objective	साक्षरता प्रशंसा और विश्लेषण के सौंदर्य, सांस्कृतिक और सामाजिक पहलुओं के प्रति छात्रों को संवेदनशील बनाना	 उन्हें विभिन्न कालों के प्रख्यात लेखकों के हिंदी कथा साहित्य के बेहतरीन नमूने उपलब्ध कराना			
Course Category	Skill Development		
Development Needs	National		
Course Description	Improves Creative Writing.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	छात्र हिंदी भाषा से अच्छी तरह वाकिफ हो सकेंगे।	Role play	Assignment
CO 2	पाठ्यक्रम संवादी हिंदी में पारंगत होने में मदद करता है।	Group learning Acting	Seminar
CO 3	छात्र आधुनिक हिंदी साहित्य का ज्ञान प्राप्त कर सकेंगे।	Story Narration	Assignment
CO 4	छात्रों को निबंध लेखन में अच्छा अभ्यास मिलेगा।	Group learning and Work sheets	Group Project
CO 5	छात्रों को फिल्म की समीक्षा करने का अभ्यास मिलेगा।	Worksheets and Exercises	Seminar

Offered by	**Hindi**

Course Content	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	विरुद्ध उपन्यासः (मृणाल पाण्डे)	1	4
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
II	कथा माला , (मृदुला गर्ग) लौटना और लौटना : ममता जयशंकर) ,प्रसाद आदमी का बच्चा (यशपाल)	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Auditory			**02 Hrs**
III	1.दिए गए अनुच्छेद पर समीक्षा लिखना 2.आधुनिक काल: प्रवृतियां और कवि	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive Writing			**02 Hrs**

IV	1.सामान्य निबंध: आधुनिक शिक्षा प्रणाली, मोबाइल का दुष्परिणाम, आधुनिक युवा पीढ़ी 2. हिंदी में दी गई कहानी के लिए सारांश लिखना।	1	2

	Instructional Hours	12

Suggested Learning Methods : Auditory, Visual, Comprehensive	02 Hrs

V	सिनेमा समीक्षा : पद्मावत	1	4

	Instructional Hours	12

Suggested Learning Methods : Comprehensive writing	02 Hrs

	Total Hours	60 Hrs

Text Books	1. विरुद्ध उपन्यास: (मृणाल पाण्डे) 2. कहानी कुंज , गोविंद प्रकाशन , मथुरा 3. हर हाल बेगाने - मृदुला गर्ग , राजपाल एंड संस , दिल्ली 4. मेरा परिवार , लोकभारत प्रकाशन , इलाहाबाद
Reference Books	1. संजय चौहान , समकालीन हिंदी साहित्य विचार और विवाद , आशा किताबें 2. श्री रामदेव, व्याकरण प्रदीप, लोकभारती प्रकाशन, अलाहाबाद 3. डॉ वासुदेव नंदन प्रसाद, आधुनिक हिंदी व्याकरण और रचना, भारती भवन प्रकाशक 4. ओंकार नाथ वर्मा , सामान्य हिंदी , अरिहंत प्रकाशन भारत लिमिटेड
Web. URLs	1. www.webdunia.com 2. www.hindikunj.com 3. hindi-natak-vikas.html 4. www.bhashaindia. 5. www.hindisamay.com 6. https://ebook.pustak.org/

Tools for Assessment (20 Marks)						
CIA I	CIA II	CIA III	Assignment	Seminar	Group Project	Total
4	4	5	2	2	3	20

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	H	M	M	L	H	L	M	H	M	L	M
CO2	L	M	H	H	L	H	L	M	H	M	H	M	M
CO3	M	L	L	L	L	H	M	M	M	H	M	H	H
CO4	M	M	M	M	H	L	M	H	L	M	L	M	L
CO5	H	H	L	L	H	L	H	H	M	L	M	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr.S.Swarnalatha	Dr.S.Swarnalatha

Course Code	Title		
23U1MAL404	**Part - I : Drisyakalaa Saahithyam** (ദൃശ്യകലാസാഹിത്യം)		
Semester: IV	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
	(Common to all UG Programmes)		
Course Objective	സിനിമ എന്ന മാധ്യമത്തിന്റെ വിവിധ തലങ്ങളെ ആഴത്തിൽ മനസ്സിലാക്കാൻ കഴിയുന്നു.ദൃശ്യാവിഷ്ക്കരണത്തെ കുറിച്ചുള്ള അറിവ് ലഭിക്കുന്നു.		
Course Category	Skill Development		
Development Needs	Regional		
Course Description	Guide and encourage them to achieve their ambitions		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	തിരക്കഥയിലെ സംഭാഷണത്തിന്റെ പ്രസക്തി	Smart boards/ chalk and Talk	Assignment
CO 2	മനക്കരുത്തിലൂടെ വീട്ടിലെ എല്ലാ അംഗങ്ങളെയും ദുഃഖം അറിയിക്കാതെ മംഗളകർമ്മം നടത്തുന്നു.	Group learning	Seminar
CO 3	കുടുംബത്തിന്റെ തകരുന്ന മൂല്യത്തെ ഉയർത്തുന്നു	Peer Teaching	Assignment
CO 4	ദൃ ശ്യാവിഷ്ക്കരണം മലയാളത്തിൽ	Group learning	Group Project
CO 5	രംഗവേദിയുടെ അവതരണം	Smart boards/ chalk and Talk	Assignment

Offered by	**Malayalam**

Course Content		**Instructional Hours / Week : 4**	

Unit	Description	Text Book	Chapters
I	തിരക്കഥ - ഞാൻ പ്രകാശൻ	1	5
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
II	തിരക്കഥ - ഞാൻ പ്രകാശൻ	1	5
	Instructional Hours		**12**
Suggested Learning Methods : Auditory, Visual			**02 Hrs**
III	തിരക്കഥ - ഞാൻ പ്രകാശൻ	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
IV	നാടകം - ഭരതവാക്യം	1	2
	Instructional Hours		**12**
Suggested Learning Methods: Auditory, Visual			**02 Hrs**
V	നാടകം - ഭരതവാക്യം	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Visual Learning			**02 Hrs**
	Total Hours		**60 Hrs**
Text Books	1. തിരക്കഥ - ഞാൻ പ്രകാശൻ - ശ്രീനിവാസൻ, ഡി.സി.ബുക്സ് 2. നാടകം - ഭരതവാക്യം , ജി. ശങ്കരപ്പിള്ള		
Reference Books	1. കഥയും തിരക്കഥയും ഡോ.ആർ.വി.എം.ദിവാകരൻ - എൻ. ബി. എസ് കോട്ടയം 2. മലയാള സിനിമയും സാഹിത്യവും - മധു ഇറവങ്കര - ഡി.സി.ബുക്സ് 3. ഒരു സിനിമ എങ്ങനെ ഉണ്ടാകുന്നു. - കെ.കെ. ചന്ദ്രൻ		

	4. നാടക സാഹിത്യ ചരിത്രം - ജി. ശങ്കരപ്പിള്ള - ഡി.സി.ബുക്സ് 5. നാടകം കലയും കാഴ്ചയും - പി.ജി.സദാനന്ദൻ - ഡി.സി.ബുക്സ്
Web. URLs	**http://www.keralaculture.org>literature** **http://www.manoramaonline.com**

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Group Project**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO 5**
CO1	H	L	H	H	H	H	H	H	M	H	M	L	M
CO2	M	L	H	M	H	M	M	M	M	L	H	M	H
CO3	H	L	M	M	M	H	M	H	H	M	M	M	M
CO4	H	L	L	H	L	H	M	M	L	M	L	H	L
CO5	M	L	L	H	L	H	M	M	M	M	M	M	M

H-High; M-Medium; L-Low

Course designed by	**Verified by Chairman**
Ms.RAJANI N.	Dr.SMITHA C. R.

Course Code	Title		
23U1FRN404	**Part – I : Le Francais General – IV**		
Semester : IV	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to all UG Programmes)			
Course Objective	Acquisition of standard French through French grammar and oral communication		
Course Category	Skill Development		
Development Needs	Global		
Course Description	Improved understanding and communication		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	learn pronouns, gérondif along with culture adaptation in foreign countries	Lectures /Tutorial	Assignment
CO 2	French food culture, manners, futur simple & futur proche.	Group Learning	Assignment
CO 3	Business and economic culture, la cause et la consequence.	Peer Teaching	Seminar
CO 4	Letter writing official and to a patron, le passif, les doubles pronoms	Group Learning	Group Project
CO 5	The city and country, urbanisation, l'opposition et la concession, le subjonctif et l'infinitif	Group Learning	Assignment

Offered by	**Department of French**

Course Content	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	Explorer l'inconnu	1	1
	Instructional Hours		**12**
Suggested Learning Methods : Visuals			
II	Goûter l'insolite	1	2
	Instructional Hours		**12**
Suggested Learning Methods : Comprehensive writing			
III	Consommer autrement	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Group discussions			
IV	S'engager pour une cause	1	4
	Instructional Hours		**12**
Suggested Learning Methods : Visuals			

V	Repenser le quotidien	1	5
		Instructional Hours	**12**

Suggested Learning Methods : Group Discussion		
	Total Hours	**60**

Text Books	1. Saison 2 Méthode de Français – Marie-Noëlle Cocton, Anouchka De Oliveira, Dorothée Dupleix (Unit 0 to 4)
Reference Books	1. Connexions 2 Methode de Français Régine Mérieux , Yves Loiseau
Web. URLs	1. www.academia.edu

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Quiz**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping													
CO \ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	-	-	H	M	H	H	-	-	H	M	L	H	M
CO2	-	-	H	L	H	M	-	-	H	L	M	H	M
CO3	-	-	-	M	M	H	-	-	L	M	H	M	L
CO4	-	-	L	M	L	H	-	-	M	L	H	M	M
CO5	-	-	L	-	H	-	-	-	M	M	M	L	H

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Mr. D. Balaji	Dr. R. Malathi

Course Code	Title		
23U2ENG404	**Part – II : Communicative English – II**		
Semester : IV	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
(Common to All UG Programmes)			
Course Objective	To equip the students with Language Skills and develop interest in and appreciation of literature.		
Course Category	Skill Development		
Development Needs	Global		
Course Description	SD: Helps to develop LSRW skill		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand the values of life reflected in the prescribed prose	Lecture/Tutorial	Assignment
CO 2	Learn to interpret poem based on contextual evidence.	Lecture/Tutorial	Assignment
CO 3	Enhance imaginative and communication skills through short stories.	Lecture/Tutorial	Speaking
CO 4	Understand the performing art through drama.	Lecture/Tutorial	Reading
CO 5	Acquire proficiency in English for global competency.	Lecture/Tutorial	Writing

Offered by	**Department of English**

Course Content	**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	**Prose** Francis Bacon – Of Adversity Dr. Radhakrishnan - Character is Destiny Sudha Murty - How I taught my grandmother to read	1	1
	Instructional Hours		**12**
Suggested Learning Methods : Intensive Reading			
II	**Poetry** Sarojini Naidu - The Soul's Prayer Emily Dickinson - Death in the Opposite House William Blake – London	1	2
	Instructional Hours		**12**
Suggested Learning Methods : Scaffolding Method			
III	**Short Stories** W. Somerset Maugham - Mr. Know-All Edgar Allan Poe-The Purloined Letter Ruskin Bond-The Thief Story	1	3
	Instructional Hours		**12**
Suggested Learning Methods : Flipped Learning			

IV	**Drama** William Shakespeare – As You Like It	1	4
		Instructional Hours	**12**
Suggested Learning Methods : Flipped Learning		
V	**GRAMMAR AND COMPOSITION** **Oral & Written Communication (Unit I–IV) Listening** – Comprehension practice from Poetry, Prose, Online Voice Practice, observing/viewing E-content (with subtitles), Guest/Invited Lectures, Conference/Seminar Presentations & Tests, and DD National News Live, BBC, CNN, VOA etc **Speaking** – In Group Discussion Forum, participate in the Turn Taking, and Conversation Management, Debating, Defending/Mock Viva- Voce, Seminar Presentations on Classroom-Assignments, and Peer-Team-interactions. **Reading**–Different Reading Strategies in Poetry, Prose, Novel, Newspaper etc **Writing** – Clauses – Conditional, Relative, Restrictive, Non-Restrictive, Denotation and Connotations Précis Writing, One word substitution.	1	5
		Instructional Hours	**12**
Suggested Learning Methods : Activity Based Learning		
		Total Hours	**60**

Text Books	Unit I – V: Compiled by the Department of English
Reference Books	CLIL (Content & Language Integrated Learning) – Module by TANSCHE NOTE: (Text: Prescribed chapters or pages will be given to the students by the department)
Web. URLs	

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Presentation	Total
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	-	H	-	M	M	H	M	H	H	M	H	M
CO2	M	-	H	-	H	M	H	M	H	H	M	H	M
CO3	M	-	H	-	H	H	H	H	H	H	M	H	M
CO4	M	L	H	-	H	-	H	H	H	H	M	H	H
CO5	H	M	H	-	H	H	H	H	H	H	H	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. Adappatu Ancy Antony	Dr. R. Malathi

Course Code	Title		
23U3ACC410	**Core Paper – X Cost Accounting**		
Semester: IV	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			

Course Objective:	To gain the knowledge on basic methods and procedures of cost accounting		
Course Category:	Employability		
Development Needs:	National		
Course Description:	Cost accounting is a process of assigning costs to cost objects that typically include a company's products, services, and any other activities that involve the company.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Capacity to Fix the Price of the Product	Problem Solving Method	Work Sheet
CO 2	Construct and Maintain Stores Ledger	Near Pod	Assignment
CO 3	Ability to Maintain Labour Cost	Problem Solving Method	Assignment
CO 4	Knowledge on Preparation of Overhead Costs	Cue Think	Work Sheet
CO 5	Reconcile Cost and Financial Accounts	Problem Solving Method	Work Sheet

Offered by	Commerce

Course Content	**Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapters
I	Cost Accounting – Definition – Meaning - Scope, Objectives, advantages and Limitations - Costing an aid to Management - Methods of Cost – Elements of Cost - Concept and Classification - Preparation of Cost Sheet	1 2	I(1), I(2) 2
	Instructional Hours		**15**

Suggested Learning Methods: Flipped Class

Unit	Description	Text Book	Chapters
II	Material Control: Levels of material Control – Need for Material Control – Economic Order Quantity – ABC analysis – Perpetual inventory - Purchase and stores Control: Purchasing of Materials – Procedure and documentation involved in purchasing - Requisition for stores – Stores Control – Methods of valuing material issue	2 1	3 II
	Instructional Hours		**15**

Suggested Learning Methods : Case Study

Unit	Description	Text Book	Chapters
III	Labour: System of wage payment – Idle time - Incentive schemes - Labour turnover	1 2	II (5) 4
	Instructional Hours		**15**

Suggested Learning Methods : Case Study

Unit	Description	Text Book	Chapters
IV	Overhead – Classification of overhead – allocation and absorption of overhead – Activity Based Costing.	2	5

			Instructional Hours	15

Suggested Learning Methods : Mind Mapping

V	Process costing – Features of process costing - Process losses, wastage, scrap, normal process loss – abnormal loss, abnormal gain. (Excluding inter process profits and equivalent production) - Reconciliation of Cost and Financial accounts	1 2 2	IV(4) 10 6

		Instructional Hours	15

Suggested Learning Methods : Peer Learning

		Total Hours	75

NOTE: **Distribution of Marks: Theory 20% and Problems 80%**

Text Books :	S.P. Jain and KL. Narang, **Cost Accounting**, Kalyani Publishers, New Delhi,Edition. 2014 Dr. A. Murthy &Dr. S. Gurusamy, **Cost Accounting**, Vijay Nicole Imprints Private Limited, Chennai. 2014.
Reference Books :	R.S.N. Pillai and V. Bagavathi, **Cost Accounting**, S. Chand and Company Ltd., NewDelhi.Edition.2016 T.S. Reddy & Y. Hari Prasad Reddy, **Cost Accounting**, Margham Publications, Chennai.Edition. 2009.
Web. URLs	https://www.yourarticlelibrary.com/cost-accounting/process-costing/top-5-problems-on-process-costing-with-solution/76054

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Work Sheet	Class Participation	Total
5	5	6	3	3	3	25

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	M	M	M	M	L	M	M	M	H	L	M
CO2	H	M	H	H	H	M	L	H	H	L	M	M	H
CO3	M	M	M	M	M	H	L	M	H	M	M	M	H
CO4	H	H	H	L	H	M	L	H	M	M	M	M	M
CO5	M	L	M	H	M	M	L	M	H	M	M	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms.S.Shanthi	Dr. R. Mahadevi

Course Code	Title		
23U3CCC411	**Core Paper– XI - Object Oriented Programming with C++**		
Semester: IV	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
Course Objective:	The course provides the knowledge about construct an Application with C++		
Course Category:	Employability		
Development Needs:	Global		
Course Description:	This course is designed to writing procedures or functions that perform operations on the data, while object-oriented programming is about creating objects that contain both data and functions.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Knowledge on the basic concepts of OOPS	Brain Storming	Assignment
CO 2	Outline the functions in C++	Flipped Teaching	Online Quiz
CO 3	Construct and overload the programmes	Team-Based Learning	Code Debugging
CO 4	Implement deriving features of a class	Active learning	Assignment
CO 5	Explain the file structure in C++	Project Based Learning	Mini Project

Offered by	**Commerce**	

Course Content		**Instructional Hours / Week : 4**

Unit	Description	Text Book	Chapters
I	Object oriented programming: Concepts, benefits, Object Oriented Languages and Applications.	1	1
	Basic concepts of C++ language – Tokens: Keywords, Identifiers, Data types, Variables, Expression	1	2
	Control Structure: Conditional, Switch, Loop and Breaking Statement	2	3
	Instructional Hours		**12**
Suggested Learning Methods : Group Discussion			
II	Functions in C++ - Call by Reference – Call by Value –Inline Functions – Default Arguments – Constant Arguments	1	4
	Classes and Objects – Defining Member Functions –Nesting Member Function –Private Member Function – Static Member Function	1	5
	Instructional Hours		**12**
Suggested Learning Methods : Program Development			
III	Constructors with Default Arguments – Copy Constructor– Dynamic Constructor– Destructor	2	6
	Overloading, Function Overloading with various Data types &Arguments – Scoping Rules -Special Features. Operator Overloading: Overloading of binary and Unary operators and its rules	2	7
	Instructional Hours		**12**
Suggested Learning Methods : Mind Mapping			
IV	Inheritance – Single Inheritance – Types of Base Classes– Types of Derivation	2	8
	Multilevel Inheritance – Multiple Inheritance –Hierarchical Inheritance – Hybrid Inheritance	1	9
	Polymorphism -Virtual Functions and its Rules – Pure Virtual Function	1	10
	Instructional Hours		**12**
Suggested Learning Methods : Code Debugging			
V	File, Opening and Closing a File-Stream State Member Function -Reading /Writing a Character from a File -Simple File Program	2	11

Exception Handling: Basic Concepts - Mechanism of Exception Handling- Pre and User Defined Exception-Throwing and Catching Exception- Rethrowing an Exception.	1	12
	Instructional Hours	**12**

Suggested Learning Methods : Mini Project	

	Total Hours	**60**

Text Books :	1. E. Balagurusamy, Object Oriented Programming with C++, Tata McGraw- Hill Publishing Company Limited, New Delhi, 2005. 2. D. Ravichandran, Programming with C++, Tata McGraw-Hill Publishing Company Limited, New Delhi, 2002.
Reference Books :	1. Herbert Schilt, C++ - The Complete Reference, Tata McGraw Hill, Pub. Ltd., 2008. 2. John R Hubbard, Programming with C++, McGraw Hill Companies, 2006.
Web URL	https://onlinecourses.nptel.ac.in/noc21_cs02/preview

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**Total**
4	**4**	**5**	**2**	**2**	**3**	**20**

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	L	M	M	M	M	M	M	M	L	L
CO2	H	M	M	M	H	H	L	L	M	M	H	L	L
CO3	H	H	H	M	M	M	L	M	M	M	M	L	M
CO4	H	H	M	M	M	M	L	M	H	H	h	M	L
CO5	H	H	M	M	H	M	M	M	H	M	M	M	L

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. J. Divya Jose	Dr. R. Mahadevi

Course Code	Title
23U3CCP412	**Core Paper- XII C++ Practical**
Semester: IV	**Credits: 3**	**CIA: 30 Marks**	**ESE: 45 Marks**

Course Objective:	To enable the students to develop an application applying the object oriented concepts.
Course Category:	Skill Development
Development Needs:	Global
Course Description:	This course is designed to Understand and use the basic programming constructs of C++ Manipulate various C++ data types, such as arrays, strings, and pointers. Isolate and fix common errors in C++ programs. Use memory appropriately, including proper allocation/deal location procedures.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Knowledge about strings and access modifier in C++	Hands on Training	Code Debugging
CO 2	Demonstrate the C++ functions and payroll system in C++	Applications process	Verification
CO 3	Build knowledge of interest rates and library system using objects in C++	Experiential Learning	Presentation
CO 4	Ability to implement accounting and banking apps	Hands on training	Demonstration
CO 5	Impart business knowledge	Flipped Classroom	Verification

Offered by	**Commerce**

Course Content	Instructional Hours / Week : 3

Sl. No	List of Programs (10 Programs) Computer Lab
1.	Program to find the given string is palindrome or not. Declare private member function to find palindrome of the given string and access it using public member function.
2.	Program to create a class ARITHMETIC and a Member function ADD (), SUB (), MUL (), DIV () to perform addition, subtraction, multiplication, division respectively.
3.	Program to calculate Economic Order Quantity (using nesting of member function).
4.	Program to print the Employees' payroll statement (using control structures).
5.	Program to calculate simple Interest and compound Interest (using nested class).
6.	Program to print the book list of library (using array of objects).
7.	Program to prepare cost sheet (using inheritance).
8.	Program to calculate margin of safety (using multilevel inheritance).
9.	Program for bank transaction (using constructor and destructor).
10.	Program to calculate increase or decrease in working capital using operator overloading.

	Total Hours	**45**

Tools for Assessment (30 Marks)						
Creative Thinking	**Lab Performance**	**Report**	**Test 1**	**Test 2**	**Observation Note**	**Total**
5	**5**	**5**	**5**	**5**	**5**	**30**
Mapping						

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	H	M	M	L	M	M	M	M	M	M	L
CO2	H	H	M	M	H	M	M	M	H	H	H	M	M
CO3	M	H	H	H	M	L	M	M	H	H	M	M	L
CO4	H	M	H	M	H	L	M	H	H	H	H	H	M
CO5	M	H	H	H	M	M	M	M	M	M	H	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. J. Divya Jose	Dr. R. Mahadevi

Course Code	Title		
23U3ACA404	**Allied Paper - IV Company Law and Secretarial Practice**		
Semester : IV	**Credits : 3**	**CIA : 20 Marks**	**ESE : 55 Marks**
	(Common to B.Com CA/IT/Banking)		

Course Objective:	Enhance the students to have a thorough knowledge on Formation of Company Documents required and Acts pertaining to it.
Course Category:	Employability
Development Needs:	National
Course Description:	The procedural requirements relating to compliance under various provisions of the Company Law and the company secretary plays an important role in ensuring compliance of various provisions of the company law thereby avoiding penal consequences.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	To know the Procedure for formation of company and Preparing Memorandum of Association and Articles of Association.	Lecture Method	Assignment
CO 2	Knowledge on preparing Prospectus	Flipped Teaching	Poster Presentation
CO 3	Inculcate Role and importance of company secretary	Lecture Method	Assignment
CO 4	Capacity to convene meeting and drafting of correspondences	Lecture Method	Poster Presentation
CO 5	Aware on the procedure of Winding up of Companies	Flipped Teaching	Seminar

Offered by		**Commerce**		

Course Content			**Instructional Hours / Week : 3**	

Unit	Description	Text Book	Chapters
I	Company –Definition –Characteristics –Kinds –Privileges of Private Company – Formation of a Company–Public Limited Company Vs Private Limited Company – Memorandum of Association Meaning – Purpose –Alteration of Memorandum –Doctrine of Ultra vires – Articles of Association – Meaning – Forms – Contents –Alteration of Articles – Doctrine of Indoor Management.	1	1, 3, 4, 5, 6
	Instructional Hours		**9**
Suggested Learning Methods: Group Discussion			
II	Prospectus –Definition –Contents –Deemed Prospectus – Misstatement lieu of Prospectus – Kinds of Shares and Debentures.	1	7, 11
	Instructional Hours		**9**
Suggested Learning Methods: Group Discussion			
III	Company Secretary – Meaning – Types – Positions – Qualities – Qualifications – Appointments and Dismissals – Power – Rights – Duties – Liabilities of a Company Secretary – Role of a Company Secretary – Registration companies, Appointment and Qualification of Directors.	1	5, 8
	Instructional Hours		**9**
Suggested Learning Methods : Peer Tutoring			
IV	Kinds of Company meetings – Board of Directors Meeting – Statutory meeting – Annual General meeting – Extra ordinary General meeting - Duties of a Company Secretary to all the company meetings – Virtual Meeting - Drafting of Correspondence –Notices - Agenda – Chairman's speech – Writing of Minutes.	1	10, 15

		Instructional Hours	9
Suggested Learning Methods : Mind Mapping			
V	Winding up –Meaning –Modes of Winding Up - Latest Amendments as per companies Act 2013 & 2015 – National Company Law Tribunal – National Company Law Appellate Tribunal.	1	24
		Instructional Hours	9
Suggested Learning Methods : Mind Mapping			
		Total Hours	45

Text Books :	1. Kapoor N.D., Company Law and Secretarial Practice, Sultan Chand & Sons, New Delhi, 2014.
Reference Books :	1. Bagrial A.K, Company Law, Vikas Publishing House, New Delhi, 2007 2. Kapoor. N.D, Company Law, Sultan Chand & Sons, New Delhi 2005 3. Pillai&Bhagavathi R.S.N., Company Law S. Chand & Sons, New Delhi 2005
Web. URLs	1. https://www.legalserviceindia.com/legal/article-1133-company-meeting-meaning-characteristics-and-kinds.html

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
4	4	5	2	2	3	20

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	M	M	M	H	M	H	M	H	M	M
CO2	H	H	M	M	M	M	H	M	H	M	M	M	H
CO3	H	H	M	M	M	M	M	M	M	M	L	M	M
CO4	H	H	M	M	M	M	H	M	H	H	M	M	M
CO5	H	H	M	M	M	M	M	M	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. K. Raja Rajeswari	Dr. R. Mahadevi

Course Code	Title		
23U4ACS404	**Skill Based Paper – II (A) Advertising and Sales Promotion**		
Semester: IV	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to B.Com CA/PA/IT/Banking)			
Course Objective:	To understand the role of advertising and promotion that effects business world and Synthesize information regarding testing the effectiveness of advertising and sales promotion		
Course Category:	Skill Development		
Development Needs:	Local		
Course Description:	Advertising and sales promotion in the business environment includes appeals, selection of media, and use of advertising and sales promotion.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	To Identify advertising mediums, both traditional, new and experimental	Lecture Method	Assignment
CO 2	To Understand the function of Advertising Agencies and advertising copy	Flipped Teaching	Poster Presentation
CO 3	To Understand the principles of advertising layout, appeals and budget	Lecture Method	Assignment
CO 4	To Apply various sales promotion strategies and techniques	Lecture Method	Poster Presentation
CO 5	Will be able to manage Sales force	Flipped Teaching	Seminar
Offered by	**Commerce**		

Course Content		Instructional Hours / Week: 3	
Unit	**Description**	**Text Book**	**Chapters**
I	**Advertising:** Meaning – importance – objectives – Advertising a Science or an Arts or Both -Classification – Functions and Benefits - forms of media	1	1,7
	Instructional Hours		**9**
Suggested Learning Methods: Group Discussion			
II	**Advertising Agencies:** Advertising budget– advertising appeals – advertising organisation – social effects of advertising – advertising copy – objectives –essentials – types – elements of copywriting: Headlines, body copy – illustration – catchphrases and slogans – identification marks.	1	8,13,15
	Instructional Hours		**9**
Suggested Learning Methods: Group Discussion			
III	**Advertising Layout:** Functions-design of layout– Principle of good layout – Advertising appeals – Essentials of an appeal – Classification of Ad Appeals – Advertising Budget – Advertising Budget procedure – Steps – The factors influencing the size of the Budget	1	9,11,15
	Instructional Hours		**9**
Suggested Learning Methods : Peer Tutoring			
IV	**Sales Force Management**: Importance – difference between advertising and personal selling –sales force size – recruitment & selection – training – methods – motivating salesman Controlling – compensation& incentives fixing sales territories – quota – Evaluation.	2	1,3,4,5,6
	Instructional Hours		**9**
Suggested Learning Methods : Mind Mapping			

| V | **Sales Promotion:** Meaning – methods – Tools of Sales promotion – marketing communication and persuasion – promotional instruments: advertising – techniques of sale promotion – consumer and dealers promotion. After sales service – packing – guarantee – Personal selling-Objectives – Salesmanship - Process of personal selling – Types of salesman. | 2 | 17,21 |

Suggested Learning Methods : Mind Mapping			
		Instructional Hours	**9**
		Total	**45 Hrs**

Text Books :	1.C.N.Sontakki : Advertising: Kalyani Publishers., New Delhi 2.Dr.S.L. Gupta :Sales and Distribution Management : Text and Cases An Indian Perspective : Excel Books
Reference Books :	1. SHH Kazmi & Satish Batra - Advertising & Sales Promotion , Excel 2.Sontakk C.N. - Advertising and Sales Management, Kalyani Publishers.,New Delhi 3. Davar S.K. - Salesmanship and advertising, Vikas Publishing
Web. URLs	1. What Is the Importance of Advertising? (Plus Definition and Tips)	Indeed.com

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
4	4	5	2	2	3	20

Mapping

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	H	M	L	H	M	H	M	H	M	M
CO2	M	H	M	H	M	M	H	M	H	M	M	M	H
CO3	M	M	H	M	L	H	M	M	M	M	L	M	M
CO4	H	H	M	H	M	M	H	M	H	H	M	M	M
CO5	M	M	M	M	H	L	M	M	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Mr. K. Sreenath	Dr. R. Mahadevi

Course Code	Title		
23U4ACZ405	Skill Based Paper – II (B) Finance Modeling through Spreadsheet - Practical		
Semester: IV	Credits: 3	CIA: 30 Marks	ESE: 45 Marks

(Common to B.Com CA/PA/IT/Banking)	
Course Objective:	The course provides a finance application using the Spreadsheet using Excel.
Course Category:	Skill Development
Development Needs:	Global
Course Description:	Learn the basics of business modeling using Google Sheets, focusing on cash flows, investments, annuities, loan amortization, and saving for retirement.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Ascertain cost of capital and capital structure using spreadsheet	Flipped Classroom	Models
CO 2	Computation of leverage and working capital	Flipped Classroom	Demonstration
CO 3	Estimate cash flow and capital rationing	Video Lessons	Report
CO 4	Able to calculate inventory	Flipped Classroom	Demonstration
CO 5	Select a suitable dividend and credit policy to the company	Video Lessons	Models

Offered by	Commerce	

Course Content	Instructional Hours / Week: 3

Sl. No	List of Programs (10 Programs) Computer Lab
1.	**Cost of Capital** Compute issues and redemption of shares and debentures before tax and after tax.
2.	**Capital Structure** Calculate EPS, EPS Growth for the given summarized Financial Reports.
3.	**Leverage** Compute DOL, DFL, and DCL for different level of operators.
4.	**Working Capital** Estimate Working Capital requirement for a company and interpret.
5.	**Cash flow Estimation** Estimate Cash Budget using given Cash flows.
6.	**Capital Rationing** Prepare statement of profitability showing payback period for two different alternatives.
7.	**Capital Rationing** Prepare statement of Profitability showing Discounted Cash Flow method for two different alternatives.
8.	**Inventory Management** Calculate EOQ, Max Level, Min Level, Graph for given Inventory Data.
9.	**Dividend Policy** Calculate Optimum Payout Ratio by using Walter's, Gordon's and M. M. Model.
10.	**Credit Policy** Calculate the applying credit policy for the company.
	Total	45 Hrs

Tools for Assessment (30 Marks)						
Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	5	5	5	5	5	30

Mapping													
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	L	M	M	M	M	M	H	M	H	M	H	M	M
CO2	L	H	H	H	H	M	M	H	M	M	M	H	H
CO3	M	M	M	M	M	H	H	M	H	H	L	M	M
CO4	L	H	H	M	H	M	M	H	M	M	M	H	M
CO5	L	M	M	M	M	H	M	M	H	M	M	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms.T.Dhivya Priya	Dr. R. Mahadevi

Course Code	Title		
23U4ACS406	Skill Based Paper–II (C) Artificial Intelligence		
Semester: IV	Credits: 3	CIA: 20 Marks	ESE: 55 Marks
(Common to B.Com. CA/IT/Banking)			

Course Objective:	The main purpose of this course is to provide the most fundamental knowledge to the students so that they can understand Artificial Intelligence.	
Course Category:	Skill Development	
Development Needs:	Global	
Course Description:	Artificial Intelligence (AI) is a research field that studies how to realize the intelligent Human behaviors on a computer. The ultimate goal of AI is to make a computer that can learn, plan, and solve problems autonomously.	

Course Outcomes		Teaching Methods	Assessment Methods
CO1	Demonstrate fundamental understanding artificial intelligence	Provide visuals	Assignment
CO2	Understanding about the basic concepts of Software agent' sand representation of knowledge.	Decode the code	Seminar
CO3	Demonstrate awareness and a fundamental understanding of various applications of AI	Chalk and Talk	Creative Thinking
CO4	Apply basic principles of AI in solutions that require problem solving	Leverage peer-to-peer support	Ethical Reasoning
CO5	Demonstrate knowledge of inference, perception, knowledge representation, and learning	Cultivate a growth mindset	Presentations
Offered by	**Commerce**		

Course Content		Instructional Hours/Week :3	
Unit	**Description**	**Text Book**	**Chapters**
I	Introduction – Definition – Future of Artificial Intelligence– Characteristics of Intelligent Agents–Typical Intelligent Agents – Problem Solving Approach to Typical AI Problems.	1	1
	Instructional Hours		**9**
Suggested Learning Methods: Flipped Class			
II	Problem Solving Methods – Search Strategies – Uninformed – Informed – Heuristics – Local Search Algorithms and Optimization Problems – Searching with Partial Observations–Constraint Satisfaction Problems	2	2
	Instructional Hours		**9**
Suggested Learning Methods: Mind Mapping			
III	Knowledge Representation–First Order Predicate Logic–Prolog Programming – Unification – Forward Chaining – Backward – Chaining –Resolution– Knowledge Representation–Ontological Engineering	1	3
	Instructional Hours		**9**
Suggested Learning Methods: Peer Tutoring			
IV	Software Agents–Architecture for Intelligent Agents–Agent Communication– Negotiation and Bargaining–Argumentation among Agents– Trust and Reputation in Multi-agent Systems	2	4
	Instructional Hours		**9**
Suggested Learning Methods: Group Discussion			
V	AI Applications – Language Models – Information Retrieval – Information Extraction – Natural Language Processing – Machine Translation – Speech Recognition –Robot–Hardware– Perception –Planning – Moving.	1	5
	Instructional Hours		**9**
Suggested Learning Methods: Mind Mapping			
		Total	**45 Hrs**

Text Books:	1. S.Russell and P.Norvig- Artificial Intelligence: A Modern Approach, Prentice Hall, Third Edition, 2009.
Reference Books :	1. M. Tim Jones,-Artificial Intelligence: A Systems Approach (Computer Science), Jones and Bartlett Publishers Inc.; First Edition, 2008. 2. Nils J. Nilsson, - The Quest for Artificial Intelligence, Cambridge University Press, 2009.
Web. URLs	1. Intelligent Agents in Artificial Intelligence | Engineering Education (Eng. Ed) Program Section

Tools for Assessment (20 Marks)

CIAI	CIA II	CIA III	Assignment	Seminar	Poster Making	Total
4	4	5	2	2	3	20

Mapping

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	M	L	H	M	M	M	L	L
CO2	H	M	M	M	M	L	L	M	M	H	M	L	L
CO3	H	H	H	M	M	M	M	H	H	H	H	M	M
CO4	H	H	M	M	H	M	L	M	H	H	M	M	M
CO5	H	M	H	M	M	L	L	M	H	H	H	M	L

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms.Mohana Priya	Dr. R. Mahadevi

Course Code	Title
22U4NM4BT2	**Part – IV : Basic Tamil – II**
Semester : IV	**Credits: 2** **CIA: 50 Marks**

(Common to all UG Programmes)	
Course Objective	அற இலக்கியங்களை அறிமுகப்படுத்தல்
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)
Development Needs	Regional (தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	அற இலக்கிய அறிவு பெறுதல் - சிறு சிறுகதைகள் வழி சமூக அறிவு பெறுதல்	விரிவுரை / காணொளி வகுப்பு	ஒப்படைவு
CO 2	தமிழ் எழுத்துக்கள் அறிமுகம் செய்தல் மற்றும் வாசித்தல் ஆகியவற்றின் பயன்பாடு	குழு விவாதம்/ விரிவுரை	கருத்தரங்கு
CO 3	பிறமொழி அறிவுத் திறன் மேம்படச்செய்தல்	விரிவுரை/காணொளிப்பட விளக்கம்	வினாடி வினா
CO 4	பிறமொழி அறிவுத் திறன் மேம்படச்செய்தல்	விரிவுரை/ குழு விவாதம்	குழுத்திட்டம்
CO 5	வார்த்தை அமைக்கும் திறன் பெறச்செய்தல்	விரிவுரை / குழுத்திட்டம்	குழுத்திட்டம்

Offered by	தமிழ்த்துறை

Course Content	**Instructional Hours / Week : 2**

Unit	Description	Text Book	Chapters
I	நீதிநூல்கள்	1. பாரதியார் ஆத்திச்சூடி 2. கொன்றைவேந்தன்	1.1 1 முதல் 12 வரிகள் 2.1 1 முதல் 7 வரிகள்

	Instructional Hours	**6**

Suggested Learning Methods : நீதிநூல்களின் சிறப்பினை அறியும் பயன் பெற்றமை

Unit	Description	Text Book	Chapters
II	பதினெண் கீழ்க்கணக்கு நூல் (திருக்குறள்)	திருக்குறள்	2.1. கடவுள் வாழ்த்து – அகர முதல எனத் தொடங்கும்… ஆதி – 1 குறள் – 1 2.2. வான் சிறப்பு – நீரின்றி அமையாது உலகு. ஆதி – 2 குறள் – 10 2.3. அன்புடைமை – அன்பின் வழியது உயிர்நிலை. ஆதி – 8 குறள் – 10 2.4. கல்வி – கண்ணுடையார் என்பர் ஆதி – 40 குறள் 2.5. இனியவைக்கூறல் – இனிய உளவாக இன்னாத ஆதி – 10 குறள் – 10

	Instructional Hours	**6**

Suggested Learning Methods : திருக்குறளின் சிறப்பினை அறிந்தமை

Unit	Description	Text Book	Chapters
III	கிராமியக் கதைகள்	கிராமியக் கதைகள்	3.1. பரமார்த்தக்குரு கதைகள் 3.2. நாட்டுப்புறக் கதைகள் அறிமுகம்

	Instructional Hours	**6**

Suggested Learning Methods : கிராமியக்கதைகளின் கதை அமைப்பினை அறியும் வாய்ப்பு பெற்றமை

IV	மொழிப்பயிற்சி	மொழிப்பயிற்சி	4.1. பிறமொழிச் சொற்களுக்கு தமிழ்ச்சொல் எழுதுதல்
		Instructional Hours	**6**

Suggested Learning Methods : தமிழ்ச்சொல் எழுதும் திறன் பெற்றமை

V	எழுத்துப்பயிற்சி	எழுத்துப்பயிற்சி	5.1 தன்விவரம் எழுதுதல் பெயர், கல்லூரி விவரம் எழுதச்செய்தல்
		Instructional Hours	**6**

Suggested Learning Methods : பிறமொழி கலப்பு இன்றி தமிழ்ச்சொல் எழுதும் திறன் பெற்றமை

		Total Hours	**30**

Text Books	1. இளங்கலை தமிழ் மாணவர்களுக்குரிய பாடநூல்"அரிச்சுவடி" தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி, கோயம்புத்தூர்.
Reference Books	1. ஒளவையார் ஆத்திச்சூடி மணிவாசகர் பதிப்பகம், கோயம்புத்தூர் இராஜவீதி,01. 2. திருக்குறள் - பரிமேலழகர் உரை,மணிவாசகர் பதிப்பகம், சென்னை -600018.
Web. URLs	-

Course designed by	**Verified by**
Dr. S. Satheesh Kumar	Dr. A. Sridevi

Course Code	Title
22U4NM4AT2	**Part – IV : Advanced Tamil – II**
Semester : IV	**Credits : 2**	**ESE : 50 Marks**

(Common to all UG Programmes)	
Course Objective	நூல்களின் வழி அறச்சிந்தனைகளை உருவாக்குதல் செம்மொழியினைச் செம்மைப்படுத்துதல்.
Course Category	Skill Development (மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்)
Development Needs	Regional (தமிழ் மொழியின் அவசியத்தை உணர்த்துதல்)
Course Description	மாணவர்களின் மொழித்திறனை ஊக்குவித்தல்

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	அறச்சிந்தனைகள் பெறுதல் மற்றும் இலக்கண வழக்கு முறைகளைப் பெறுதல்.	விரிவுரை/காணொளிப்பட விளக்கம்	கருத்தரங்கு
CO 2	கடிதம் எழுதுதல் மற்றும் மொழியறிவைப் பெறுதல்	விரிவுரை/ குழு விவாதம்	ஒப்படைவு
CO 3	படைப்பாக்கத்திறன் அறிவுபெறச் செய்தல்	விரிவுரை	கருத்தரங்கு
CO 4	தகவல் தொடர்பியலுக்கான கடிதம்,அமைவுத்திறன் பெறச்செய்தல்	விரிவுரை/ குழு விவாதம்	குழுத்திட்டம்
CO 5	மொழியைப் பிழையின்றிப் பேச, எழுதும் திறன் பெறச்செய்தல்	விரிவுரை/காணொளிப்பட விளக்கம்	ஒப்படைவு

Offered by	தமிழ்த்துறை	

Course Content			**Instructional Hours / Week : 2**

Unit	Description	Text Book	Chapters
I	பதினெண் கீழ்க்கணக்கு நூல்	1. திருக்குறள் 2. நாலடியார்	1.1 கூடாநட்பு 1.2 செய்ந்நன்றியறிதல்-நாலடியார் 1.3 கல்வி (131,132 செய்யுள்கள்)
			Instructional Hours **6**

Suggested Learning Methods : நாலடியார் திருக்குறளின் சுவை அறியும் வாய்ப்பு பெற்றமை

II	சிறுகதை	1. வெ. இறையன்பு – பூனாத்தி சிறுகதைகள்	2.1 சேவியர் வாத்தியார் 2.2. தூரிகை
			Instructional Hours **6**

Suggested Learning Methods : சிறுகதைகளின் சுவை அறியும் வாய்ப்பு பெற்றமை

III	இலக்கணம்	இலக்கணப் பயிற்சி ஏடு	3.1. எழுத்தும் சொல்லும் 3.2. சுட்டெழுத்துக்கள் 3.3. சொற்களைச் சரியாகப் பயன்படுத்தும் முறை 3.4 வினைச் சொற்கள், பெயர்ச்சொற்கள் 3.5. வினா எழுத்துக்கள்
			Instructional Hours **6**

Suggested Learning Methods : இலக்கணப்பிழை இன்றி எழுதும் பயிற்சி பெற்றமை

IV	வழக்கறிதல்	இலக்கணம்	மரபு வழக்கு - இயல்பு வழக்கு தகுதி வழக்கு அறிதல்
		Instructional Hours	**6**

Suggested Learning Methods : வழக்குகள் பற்றி முழுமையாக அறியும் பயிற்சி பெற்றமை

V	படைப்பாற்றல் பயிற்சி	இலக்கிய வரலாறு	கவிதை – சிறுகதை – நூல் மதிப்பீடு எழுதுதல்
		Instructional Hours	**6**

Suggested Learning Methods : மதிப்பீடு செய்யும் பயிற்சி பெற்றமை

	Total Hours	**30**

Text Books	1. இளங்கலைதமிழ் மாணவர்களுக்குரிய பாடநூல்"திரட்டு" தொகுப்பு: தமிழ்த்துறை, நேரு கலை மற்றும் அறிவியல் கல்லூரி,கோயம்புத்தூர்.
Reference Books	1. திருக்குறள் – பரிமேலழகர் உரை,மணிவாசகர் பதிப்பகம், சென்னை 018 2. வெ.இறையன்பு – பூனாத்திசிறுகதைகள், விஜயாபதிப்பகம், கோயம்புத்தூர்.
Web. URLs	-

Course designed by	**Verified by**
Dr. S. Satheesh Kumar	Dr. A . Sridevi

Course Code	Title
22U4NM4GEN	Non Major Elective : General Awareness
Semester : IV	Credits : 2	ESE : 50 Marks

(Common to all UG Programmes)

Course Objective:

Enable the students to learn General knowledge and prepare for different competitive exams.

Course Outcomes:

CO1	Determine Verbal Aptitude , Numerical Aptitude and Logical Reasoning
CO2	Recall basic Science, history , Tamil , Computer , Commerce concepts which would help to crack competitive Examinations
CO3	Acquire time Management skills to attempt competitive Examinations
CO4	Develop Aptitude and problem solving skills
CO5	Gain Knowledge about Current Affairs

Course Content   **Instructional Hours / Week : 2**

S. No.	Topics
1.	Verbal Aptitude
2.	Numerical Aptitudeand Logical Reasoning
3.	Abstract Reasoning
4.	Tamil and Other Literature
5.	General Science and Technology
6.	Computer
7.	Economics and Commerce
8.	History and Freedom Struggle
9.	Sports
10.	Current Affairs
	Total Hours : 30

Text Book: "General Awareness", compiled by Nehru Arts and Science College, Coimbatore

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	L	-	-	H	-	-	L					
CO2	H	L	-	-	H	-	-	L					
CO3	H	L	-	-	H	-	-	L					
CO4	H	L	-	-	H	-	-	L					
CO5	H	L	-	-	H	-	-	L					

H-High; M-Medium; L-Low

Course Designed by	**Verified by HOD**
Ms. SHEEBAMAYBELL	Dr. T. CHANDRAPUSHPAM

Course Code	Title	
22U4VBOE01	**Value Based Open Elective Course : Design Ecosystem**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To gain the knowledge on ecosystem and environmental sustainability
Course Category	Crosscutting Issue : Environment And Sustainability
Development Needs	Global
Course Description	Design ecosystem describes about the components, types, structural and functional unit of ecology where the living organisms interact with each other and the surrounding environment.

Course Outcomes		Teaching Methods
CO 1	Understand about the basic concepts of ecosystem and environmental planning	Lecture / Video Lessons
CO 2	Gain knowledge of challenges and design process of ecosystem	Lectures / Video Lessons
CO 3	Understand about functions and flow of energy in ecosystem	Case study / Model
CO 4	Analyse about process and mechanism of ecosystem control	Tutorial / Group Discussion
CO 5	Demonstrate about green infrastructure and regulatory framework	Lecture / Tutorial

Course Content			Instructional Hours / Week : 2	
Unit	**Description**		**Text Book**	**Chapters**
I	**Sustainable Human Dominated-Ecosystem and Environmental planning:** Introduction to Ecology & environmental sciences; Principles and Scope of Ecology. Axioms of Ecological Engineering, Sustainable design principles, Global population dymanics, Human dominated earth.		1	1
		Instructional Hours		**6**
Suggested Learning Methods : Video Lectures				
II	**Designing Ecosystem services & Biomes:** Design challenges and needs, the design process, biomes, ecoregions, other land classification systems.		1	3 & 4
		Instructional Hours		**6**
Suggested Learning Methods : Video Tutorials				
III	**Energy and mass flow through ecosystem:** Structure and Functions of Ecosystems - Abiotic and Biotic components, Flow of energy and cycling of materials; water, carbon, nitrogen and phosphorus		3	2
		Instructional Hours		**6**
Suggested Learning Methods : Group Discussion				

IV	**Ecosystem control:** Population control process, community control process. Stream restoration design - hydrology, sedimentology, geomorphology, habitat, riparian corridor and construction.	2	6
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

V	**Green infrastructure design:** Green infrastructure network, sustainable cities initiatives, agricultural sustainability indicators, surrounding environmental, ecological and social justice; environmental ethics, issues and possible solutions	3	4
	Instructional Hours		**6**

Suggested Learning Methods : Online Tutorial

	Total Hours	**30**

Text Books	1. Matlock, M. D. and M. Robert. Ecological Engineering Design: Restoring and Conserving Ecosystem Services. JohnWiley & Sons, Inc. 2011. 2. Meffe, G.K., L. Nielson, R. L. Knight and D. Schenborn. Ecosystem Management: Adaptive, Community-Based Conservation. Island Press. 2012. 3. Elliot, D. 2003. Energy, Society and Environment, Technology for a Sustainable Future. Routledge Press.
Reference Books	1. Sim Van Der Ryn and S. Cowan. Ecological Design. Island Press, 1996. 2. Neeraja, N. Environment and Ecology: A Dymanic Approach, 3rd Edition. GKP Books Catalogue. 2018.
Web. URLs	1. https://www.nationalgeographic.org/encyclopedia/ecosystem/ 2. https://www.environmentandecology.com/

Course designed by	**Verified by**
Dr.S.Esath Natheer	Dr. M.Thanagavel

Course Code	Title		
22U4VBOE02	**Value Based Open Elective Course: Design Thinking**		
Semester: IV	**Credits : 2**		**ESE : 50 Marks**

Course Objective	Inculcate the fundamental concepts of design thinking and develop the students as a good designer by imparting creativity and problem solving ability
Course Category	Crosscutting Issue : Professional Ethics
Development Needs	Local, National and Global
Course Description	The course aims to provideintroduction to the basic concepts and techniques of design thinking and methods of implementing design thinking in the real world.

Course Outcomes		Teaching Methods
CO 1	Learn the basic concepts of design thinking	Direct Instruction
CO 2	Develop the skill of applying the design thinking	Direct Instruction
CO 3	Learn the business uses of design thinking	Video Lessons
CO 4	Understand the variety of approaches within the design thinking discipline	Direct Instruction
CO 5	Impart knowledge in design thinking mindset	Direct Instruction

Course Content		Instructional Hours / Week: 2	

Unit	Description	Text Book	Chapters
I	**Design Thinking Background** Definition of Design Thinking, Variety within the Design Thinking Discipline, Design Thinking Mindset	1	1
		Instructional Hours	**06**
Suggested Learning Methods: Brain Storming			
II	**Design Thinking Approach** Fundamental Concepts – Empathy, Ethnography, Divergent Thinking, Convergent Thinking, Visual Thinking, Assumption Testing, Prototyping, Time for Learning and Validation	1	5,1,3
		Instructional Hours	**06**
Suggested Learning Methods : Learning by Teaching			
III	**Design Thinking Resources** – People, place, material, organizational fit **Design Thinking Processes** - Numerous Approaches, Double Diamond Process, 5-Stage, School Process, Designing for Growth Process, Role of Project Management	1	5,6
		Instructional Hours	**06**
Suggested Learning Methods : DIY Activities			

	Design Thinking in Practice I: Process Stages of Designing for Growth - Design Thinking Tools and Methods – I- Purposeful Use of Tools and Alignment with Process, Visualization, Journey Mapping		
IV		1	6
	Instructional Hours		**06**

Suggested Learning Methods: Case Method			
V	**Design Thinking in Practice II:** Design Thinking Tools and Methods – II- Value Chain Analysis, Mind Mapping, Brainstorming, Concept Development, Assumption Testing, Rapid Prototyping, Customer Co-Creation, Learning Launch	2	8
	Instructional Hours		**06**

Suggested Learning Methods : Project Based Learning			
	Total Hours		**30**

Text Books	1. "Designing for growth: A design thinking tool kit for managers", by Jeanne Liedtka and Tim Ogilvie., 2011, ISBN 978-0-231-15838-1 2. "The design thinking playbook: Mindful digital transformation of teams, products, services, businesses and ecosystems", by Michael Lewrick, Patrick Link, Larry Leifer., 2018, ISBN 978-1-119-46747-2
Reference Books	1. "Presumptive design: Design provocations for innovation", by Leo Frishberg and Charles Lambdin., 2016, ISBN: 978-0-12-803086-8 2. "Systems thinking: Managing chaos and complexity: A platform for designing business architecture.", "Chapter Seven: Design Thinking", by JamshidGharajedaghi, 2011, ISBN 978-0-12-385915-0
Web. URLs	1. https://www.designcouncil.org.uk/news-opinion/design-process-what-double-diamond

Course designed by	**Verified by**
M.Nandhini	Dr.S.Jayapriya

Course Code	Title	
22U4VBOE03	**Value Based Open Elective Course : Disaster Management**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To learn knowledge about disaster and risk and apply the same in the time of any disaster.
Course Category	Crosscutting Issue : Environment And Sustainability
Development Needs	National
Course Description	This course is designed to provide students with a comprehensive understanding of the concepts, theories, and practices of disaster and risk management. Students will learn how to identify and assess risks, develop emergency plans, and mitigate the impact of disasters on communities and organizations.

Course Outcomes		Teaching Methods
CO 1	Understand different types of disasters and their impact on individuals and communities.	Lecture/ Demonstration
CO 2	Analyze the disaster management scenario in India, the policy framework, and the role of different stakeholders in reducing disaster risk and building resilience	Lecture/ Case Studies
CO 3	Understand the concepts of risk and vulnerability in disaster management and analyze the different approaches to disaster risk reduction.	Lectures / Video Lessons
CO 4	Analyze the concept and nature of disaster preparedness, different components of a disaster preparedness plan	Tutorial / Case Studies
CO 5	Narrate the emergency responses to be taken by the national disaster management force and the practical training process on disaster management	Lecture / Class Projects

Course Content	Instructional Hours / Week:2

Unit	Description	Text Book	Chapters
I	**Introduction on Disaster** Definitions and Terminologies used in Disaster Management, Basic concepts in Disaster Management, Types of Disaster: Natural Disaster: Flood, Cyclone, Earthquakes, Landslides, epidemic or Pandemic etc. (Case studies of each), Man-made Disaster: Fire, Industrial Pollution, Nuclear Disaster, Biological Disasters, Accidents (Air, Sea, Rail & Road), Structural failures (Building and Bridge), War & Terrorism etc. (Case studies of each).	1	1
	Instructional Hours	**6**	
Suggested Learning Methods : Power Point Presentation		
II	**Disaster management in India** Hazard and Vulnerability Profile India, Disaster Management Indian scenario, India's vulnerability profile, Disaster Management Act 2005 and Policy guidelines, National Institute of Disaster Management, National Disaster Response Force (NDRF),	1	2

	National Disaster Management Authority, States Disaster Management Authority, District Disaster Management Authority and Cases Studies.		
	Instructional Hours		**6**

Suggested Learning Methods : PPT and Video Lecture			
III	**Risk and Vulnerability** Analysis Risk: Assessing Disaster Risk, Disaster Risk Reduction, Vulnerability: Its concept and analysis, Strategic Development for Vulnerability Reduction, Climate Variability & Disaster Risk, Industrial hazard and Risk Management	1	3
	Instructional Hours		**6**

Suggested Learning Methods : Video Lecture			
IV	**Disaster Preparedness** Concept and Nature, Disaster Preparedness Plan, Prediction, Early Warnings and Safety Measures of Disaster, Role of Information, Education, Communication, and Training, Role of Government, International and NGO Bodies.	1	4
	Instructional Hours		**6**

Suggested Learning Methods : PPT and Group Activity			
V	**Response and 3Rs** Emergency Response: Introduction, Crisis Response Plan (CRP), Communication, Participation, and Activation of Emergency Preparedness Plan, Search, Rescue, Evacuation and Logistic Management, Role of Government, International and NGO Bodies, Psychological relief and recovery, Relief operation and Recovery, Post Disaster Public Health Management, 3R - Rehabilitation, Reconstruction and Recovery, Reconstruction and Rehabilitation as a Means of Development, Damage Assessment, Post Disaster effects and Remedial Measures, Role of Educational Institutions in Disaster management.	1	5
	Instructional Hours		**6**

Suggested Learning Methods : Laboratory Practice			
	Total Hours		**30**

Text Books	1. Disaster and Risk Management (2023), Notes Compiled by the Department of Criminology, Nehru Arts and Science College, Coimbatore
Reference Books	1. J. P. Singhal, "Disaster Management", Laxmi Publications, 2003. 2. M C Gupta, "Manual on Natural Disaster Management in India", NIDM, New Delhi, 2013 3. R K Bhandani, "An Overview on Natural &Man-made Disasters and their Reduction", CSIR, New Delhi, 2000 4. Dr. Mrinalini Pandey, "Disaster Management", Wiley India Pvt. Ltd, 2014. 5. National Disaster Management Authority Publications-Guidelines & Templates for Disaster Management

Course designed by	Verified by
Dr. Raneesh K Rajan	Dr. Raneesh K Rajan

Course Code	Title	
22U4VBOE04	**Value Based Open Elective Course :** **Environmental Pollution and Waste Management**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To acquire deeper knowledge about Environmental Management Systems
Course Category	Crosscutting Issue : Environment And Sustainability
Development Needs	Global
Course Description	Environmental Pollution and waste Management involves studying the management of any unnecessary resource use or release of substances into the water, land or air that could harm human health or the environment

Course Outcomes		Teaching Methods
CO 1	Understand the types of environmental pollutants	Lecture / Group Learning
CO 2	Describe, develop and interpret methods of the Environmental Management Systems.	Lecture/ Online Tutorial
CO 3	Critically evaluate methods and possibilities within Environmental Management Systems from asystems perspective.	Lecture/ Online Tutorial
CO 4	Understand the effective management of environmental pollutants	Lecture/ Online Tutorial
CO 5	Learn Environmental Auditing for various Industries/Projects.	Lecture/ Online Tutorial

Course Content		Instructional Hours / Week : 2	
Unit	**Description**	**Text Book**	**Chapters**
I	Introduction to Environmental pollutants,Types of pollutants, Biodegradable pollutants, Non-biodegradable pollutants; Air pollution, Water Pollution, Soil Pollution	1	1,2
		Instructional Hours	**6**
Suggested Learning Methods: Industrial Visit			
II	Introduction to Environmental Management System basic definitions and terms, Framework for Environmental Management Systems, Approach for developing an Environmental Management System.	2	2, 4
		Instructional Hours	**6**
Suggested Learning Methods :Web search			
III	The introduction and implementation of ISO 14001: environmental policy, planning, implementation and operation, checking, management review. Applications EMS in terms of Process flow chart, effluent Generation, composition and treatment of effluents from following industries – sugar, pulp and paper, electroplating, dairy, oil refineries, etc.	2	5
		Instructional Hours	**6**
Suggested Learning Methods : Online tutorial			

IV	Introduction to Environmental Auditing, Category "A" & "B" types of projects. Procedures and Guidelines to conduct Environmental Audit. Plastic Pollution: Causes, impacts, and reduction strategies -Global issue of plastic pollution and innovative solutions	3	7
	Instructional Hours		**6**

Suggested Learning Methods : Online tutorial

V	Municipal Solid Waste Management: Collection, transportation, and disposal of solid waste - Examination of waste treatment technologies and waste-to-energy processes. E-waste Management: Challenges and recycling techniques for electronic waste - Discussion on the environmental and health hazards associated with improper e-waste disposal.	1	8
	Instructional Hours		**6**

Suggested Learning Methods : Online tutorial

	Total Hours	**30**
Text Books	1. ISO 14001 Certification - Environmental Management Systems: A Practical Guide for Preparing Effective Environmental Management Systems Textbook Binding – Import, 10 Aug 1995 by W. Lee Kuhre (Author) 2. M. N Rao, "Waste Water Treatment" Oxford and IBH publishing Co. Pvt Ltd, 2007 3. Peavy, H.S, D.R. Rowe &T.George, "Environmental Engineering", New York: McGraw Hill, 1987	
Reference Books	1. Christopher Sheldon and Mark Yoxon, "Installing Environmental management Systems – a step by step guide" Earthscan Publications Ltd, London, 1999.	
Web. URLs	1. https://www.anits.edu.in/online_tutorials/es/Unit%203.pdf	

Course designed by	**Verified by**
Dr.O S Nimmi	Dr.N.Saranya

Course Code	Title	
22U4VB0E05	**Value Based Open Elective Course : History of Ancient India**	
Semester: IV	**Credits: 02**	**ESE : 50 Marks**

Course Objective	To explore the rich and diverse history of ancient India, examining its civilizations, political systems and cultural achievements.
Course Category	Employability
Development Needs	Global
Course Description	This course gives an in depth analysis of the Ancient Indian History marking the beginning of urban civilization in the Indian subcontinent.

Course Outcomes		Teaching Methods
CO 1	Understand the salient features of Indus valley civilization	Lecture
CO 2	Evaluate the features Civilizations	Tutorial
CO 3	Evaluate the rise of new movements	Lecture
CO 4	Visualize the administration of Mauryas and the art and architecture of Mauryas	Tutorial
CO 5	Identify the administration of Guptas and their contribution to University	Lecture

Course Content		Instructional Hours / Week : 2	

Unit	Description	Text Book	Chapters
I	Definitions - Nature and Scope of History - History and Its Relationship with other Social Sciences - Geographical Features of India Sources of Indian History: Pre- History Paleolithic, Mesolithic, Neolithic, Chalcolithic and Megalithic Cultures.	1 &4	1-5
	Instructional Hours		**6**

Suggested Learning Methods : Lecture/Tutorial

Unit	Description	Text Book	Chapters
II	Indus Valley Civilization - Its Features & Decline; Early Vedic and Later Vedic Civilizations Vedic Literature Society Economy - Polity Religion.	2	2-4
	Instructional Hours		**6**

Suggested Learning Methods : Lecture/Tutorial

Unit	Description	Text Book	Chapters
III	Rise of New Religious Movements Charvakas, Lokayathas, Jainism and Buddhism; Mahajanapadas - Rise of Magadha; Impact.	3	3
	Instructional Hours		**6**

Suggested Learning Methods : Lecture/Tutorial

IV	Foundation of the Mauryan Dynasty; Ashoka and His Dharma Polity Administration - Society Economy Religion Literature - Art and Architecture; Disintegration of the Mauryan Empire; Post-Mauryan Kingdoms - Indo-Greeks - Kushanas and Kanishka - Society Economy Literature Art and Architecture; The Satavahanas; Sangam Age Literary Development.	4	4 &5
	Instructional Hours		**6**

Suggested Learning Methods : Lecture/Tutorial

V	Gupta Empire: A Brief Political Survey - Polity and Administration, Social and Economic Conditions, Agriculture and Land Grants - Feudalism, Caste System, Position of Women, Education, Literature, Science and Technology, Art and Architecture - Harshavardana and His Achievements.	4	5
	Instructional Hours		**6**

Suggested Learning Methods : Lecture/Tutorial

	Total Hours **30**

Text Books	1. E.H. Carr, What is History? Penguin Books, England, 1990. 2. Majumdar, R.C., History and Culture of the Indian People, Vols. I, II & & III. 3. Romila Thapar, Asoka and the Decline of the Mauryas, OUP, New Delhi, 1995. 4. Romila Thapar, Early India (From the earliest to AD 1300).
Reference Books	1. Poonam Dalal : Ancient and Medival India for UPSC & State Level Exam

Course designed by	**Verified by**
S. Kavitha	Dr.R.Malathi

Course Code	Title
22U4VBOE06	**Value Based Open Elective Course : Indian Knowledge System**
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To make the students understand the knowledge system in India and apply it to their day to day life
Course Category	Value Education
Development Needs	National
Course Description	This course will actively engage for spreading the rich heritage of our country and traditional knowledge in the field of Arts and literature, Agriculture, Basic Sciences, Engineering & Technology, Architecture, Management, Economics, etc

Course Outcomes		Teaching Methods
CO 1	Understand the History and an overview of Indian knowledge System.	Flipped Classroom
CO 2	Interpret the Importance of Vedic Corpus and Philosophical System	Student Centric
CO 3	Analyse the Foundational Concepts like Linguistics and and Number Systems.	Blended Mode
CO 4	Interpret the concepts of Astronomy and Town Planning Architecture.	Flipped Classroom
CO 5	Describe the Importance of Health, Wellness, Psychology and Administrative Governance	Case-Base

Course Content		Instructional Hours / Week : 2	
Unit	**Description**	**Text Book**	**Chapters**
I	**Indian Knowledge System** : An Introduction: Importance of Ancient Knowledge-Defining Indian Knowledge System –The Indian Knowledge System Corpus-A Classification Framework-History of Indian Knowledge System.	1	1
	Instructional Hours		**06**
Suggested Learning Methods : Cooperative Learning			
II	**The Vedic Corpus**: Introduction to Vedas-The four Vedas. **Philosophical System**: Indian Philosophical System – Development and Unique Features-Vedic schools of Philosophy.	1	2 & 3
	Instructional Hours		**06**
Suggested Learning Methods : Peer Learning			

III	**Linguistics:** Component of a Language-Role of Sanskrit in Natural Language Processing. **Mathematics:** Unique Aspects of Indian Mathematics-Great Mathematicians and their Contributions-Arithmetic Calculations.	1	5 & 8
	Instructional Hours		**06**

Suggested Learning Methods : Group Learning

IV	**Astronomy:** Unique aspects of Indian Astronomy-Historical Development of Astronomy in India-Elements of the Indian Calendar **Town Planning Architecture:** Indian Architecture- A Historical Perspective –Town Planning-Unitary Building –Temple Architecture	1	9 & 12
	Instructional Hours		**06**

Suggested Learning Methods : Mind Mapping

V	**Health, Wellness and Psychology:** Ayurveda -Definition of Health-Tridosas-Relationships to Health-Disease-Disease Management-Yoga way of Life-Indian Approach to Psychology. **Governance and Public Administration:** Arthasastra Governance and Administration.	1	13 & 14
	Instructional Hours		**06**

Suggested Learning Methods : Case Studies

	Total Hours	**30**
Text Books	1. B.Mahadevan,Vinayak Rajat Bhat,Nagendra Pavana R.N , Introduction to Indian Knowledge System: Concepts and Applications, PHI Learning Private Limited,Delhi, 2022.	
Reference Books	1. Traditional Knowledge System in India by Amit Jha Atlantic publishers, 2002. 2. Traditional Knowledge System in India, by Amit Jha, 2009.	
Web. URLs	1. https://www.youtube.com/watch?v=LZP1StpYEPM 2. http://nptel.ac.in/courses/121106003/	

Course designed by	**Verified by**
Dr.N.Saranya	Dr.K.Rajarajeswari

Course Code	Title
22U4VBOE07	**Value Based Open Elective Course :** **Principles of Intellectual Property Rights**
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To make the students to recognize the importance of IP and to educate the pupils on basic concepts of Intellectual Property Rights. To learn the procedure of obtaining Patents, Copyrights, Trade Marks & Industrial Design
Course Category	Entrepreneurship
Development Needs	Global
Course Description	The course is designed to provide comprehensive knowledge to students regarding the general principles of IPR, Concepts and Theories, Criticisms of Intellectual Property Rights, the registration process, and the International Regime Relating to IPR.

	Course Outcomes		Teaching Methods
CO 1		Understand Intellectual Property Rights (IPR), its significance in promoting innovation and creativity, and the different types of IPRs.	Lecture
CO 2		Equip with the knowledge to navigate the patent filing process effectively.	Tutorial
CO 3		Comprehend the fundamentals of copyrights, their types, registration procedures, terms and remedies	Lecture
CO 4		Narrate the trademarks, their rights, types, purpose, registration process, and the trademark landscape in India	Tutorial
CO 5		Analyze the significance of geographical indications (GI) and the need for their protection, the relevant laws and regulations in India	Lecture

Course Content			Instructional Hours / Week : 2	
Unit		**Description**	**Text Book**	**Chapters**
I		**Introduction to Intellectual Property Rights (IPR):** Definition of IPR, Importance of IPR, Kinds of Intellectual property rights: Copy Rights, Patent, Trade Mark, Trade Secret and trade dress, Design, Layout Design, Geographical Indication, Plant Varieties and Traditional Knowledge, IPR in India and the world, IPR and WTO.	1	1,2
			Instruction Hours	**6**
Suggested Learning Methods : Lecture/Tutorial				
II		**Patent:** Introduction to Patent, Patent Act 1970 and its amendments, Patentable and non-Patentable inventions, legal requirements for obtaining Patent, Registration Procedure of Patent, The role of Patentees and Different layers of the international patent system: National and International Patent filing procedures.	1	4
			Instructional Hours	**6**
Suggested Learning Methods : Lecture/Tutorial				
III		**Copyright**: Introduction to Copyrights, Origin, and Definition & Types of Copyrights, Registration procedure, Assignment & license, Terms of Copyright, Piracy, Infringement, Remedies, Copyrights with special reference to software, Copyrights in India.	1	
			Instructional Hours	**6**
Suggested Learning Methods : Lecture/Tutorial				

IV	**Trademarks:** Introduction to trademarks, Rights of trademark, Types of trademark, purpose, and function of a trademark, trademark protection, and trademark registration process, trademarks in India.	1	9
	Instructional Hours		**6**
Suggested Learning Methods : Lecture/Tutorial			
V	**Design:** Introduction to Design, Registration of Design, Cancellation of Registration, International Convention on Design, functions of Design, **Geo Graphical Indication:** Introduction to Geo Graphical Indication, Why and how GI needs protection and GI laws, Indian GI act.	1	7,10
	Instructional Hours		**6**
Suggested Learning Methods : Lecture/Tutorial			
	Total Hours		**30**
Text Book	1. Intellectual Property Rights, Asha Vijay DurafeDhanashree K. Toradmalle, Wiley Publisher, 2022		
Reference Book	1. B.L. Wadera, Patents, trademarks, copyright, Designs and Geographical Judications.		
Web. URLs	1. https://dst.gov.in/sites/default/files/E-BOOK%20IPR.pdf		
Course designed by		**Verified by**	
Dr. K. Prathap Chandran		Dr. S. Saraswathi	

Course Code	Title	
22U4VBOE08	**Value Based Open Elective Course : Science, Society and Culture**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To create awareness on Science, Indian Society and cultural heritage of our Country
Course Category	Skill Development
Development Needs	Global
Course Description	Facilitate the awareness on Science in everyday life, Indian Society and Social empowerment, Democracy and Freedom of our Country. Ancient Civilization, cultural heritage and perceptions of Indian Culture

	Course Outcomes	Teaching Methods
CO 1	Know the concepts of Science in our daily life and awareness about Scientific community	Lecture / Video Lessons / Model
CO 2	Gain knowledge on Indian society and development of modern society	Lecture / Video Lessons
CO 3	Learn about Indian social issues and awareness on our social laws	Lectures / Case study
CO 4	Understand the Indian culture, diversity of culture and Traditional customs	Tutorial / Group Discussion
CO 5	Comparison of ancient heritage and civilization of our country and follow them in our life	Lecture / Tutorial

Course Content		**Instructional Hours / Week : 2**	

Unit	Description	Text Book	Chapters
I	**Common Science** - Developments and their applications- effects in day to day Life - Achievements of Indians in Science and Technology. Awareness in the fields of IT, Space, Computers, Robotics, Nanotechnology and Biotechnology. Scientists of Ancient India, Science and Scientists of Medieval India, Scientists of Modern India. India's Policy in the Field of the Science, Policies and Reports related to Science-Innovative Technology Vision.	1	1
	Instructional Hours		**6**
Suggested Learning Methods : Video Lectures			
II	**Social Behaviour** - Salient features of our Society-Social diversity of India-Impact of globalization on Indian society. Social empowerment, Democracy and Freedom-Role of women and women's organization in the development of healthy society.	2	1
	Instructional Hours		**6**
Suggested Learning Methods : Video Tutorials			
III	**National Integration** – Communalism - Regionalism and Secularism – Problems relating to development and management of Social Sector-Services relating to Health, Education and Human Resources. Welfare schemes for vulnerable sections of the people-Performance of Centre and States schemes-Mechanisms-Laws,	2	1 & 2

	Institutions and Bodies constituted for the protection and development of vulnerable sections.		
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

IV	**South Asian Cultures**-Indian culture-combination of several cultures-Indian philosophy-Religious culture-Family structure and marriage-Wedding rituals-Indian greetings-Indian foods- Festivals-Traditional clothing. Epics of India-Indian Arts and Music-Indian architecture and Sculptures-Indian Languages and Literature-Perceptions of Indian culture.	3	1
	Instructional Hours		**6**

Suggested Learning Methods : Video Tutorials

V	**Ancient Civilization**-Indus Valley Civilization-Harappa and Mohenjo-Daro civilization-Evolutions of early Buddhist Architecture-Advent in China-Ellora caves civilization-King Gupta's period of civilization-Vijayanagara inscriptions-Mohall's period of civilization-British culture.	4	2
	Instructional Hours		**6**

Suggested Learning Methods : Online Tutorial

	Total Hours	**30**

Text Books	1. Science, Culture and Society: Understanding Science in the 21st Century by Mark Erickson, Paperback – Illustrated, 2015. 2. Khanna, Indian Social order and Laws, Universities Press. 3. Choudhary, Social Protection Law Provisions and Procedure. 4. Indian Heritage systems-Universal Law Publishing Company. 5. Ancient Civilization of Indian sub-continent- Ancient Books.
Reference Books	1. National integration and Secularism: Issues and Challenges, Regal Publications. 2. Ancient Culture of India: Issues and Concerns.
Web. URLs	1. https://www.amazon.in/Science-Culture-Society-Understanding-Century-dp-0745662250/dp/0745662250/ref=dp_ob_title_bk. 2. https://iasscore.in/upsc-syllabus/indian-society/indian-society-mains. 3. https://www.worldhistory.org/india/

Course designed by	**Verified by**
Dr. K .Narayanasamy	Dr. M. Thangavel

Course Code	Title	
22U4VBOE09	**Value Based Open Elective Course : Community Engagement**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	This course serves as an introduction to community engagement, helping learners to explore methods of community involvement, change making process, and professionalism within the community.
Course Category	Skill Development
Development Needs	National
Course Description	Apply the principles of communication for outreach to the diverse public, decision makers, and stakeholder groups.

Course Outcomes		Teaching Methods
CO 1	Apply professional behavior when working with community organizations	Lecture/ Case Study
CO 2	Investigate the complexity of problems related to community needs	Lecture/ Role Play
CO 3	Design and conduct the phases of a community engagement process, using consensus building and relating to formal planning procedures.	Lecture/ Case Study
CO 4	Recognize community interests, power dynamics, and conflict, and facilitate empowerment of excluded groups and negotiation	Lecture/ / Role Play
CO 5	Direct cross-jurisdictional, inter-agency, inter-disciplinary, and multi-stakeholder collaboration.	Lecture/ Case Study

Course Content		Instructional Hours / Week : 2		

Unit	Description	Text Book	Chapters
I	Concept, Ethics and Spectrum of Community engagement, Local community, Rural culture and Practice of community engagement	3	2
	Instructional Hours		**6**

Suggested Learning Methods : Seminar			
II	Rural Development Programs and Rural institutions, Local Administration and Community Involvement	2	3
	Instructional Hours		**6**

Suggested Learning Methods : Role Play			
III	Stages, Components and Principles of community development, Utility of public resources. Social contribution of community networking, Various government schemes.	1	3
	Instructional Hours		**6**

Suggested Learning Methods : Role Play

IV	Community Engaged Research and Ethics in Community Engaged Research. PRA, Programmes of community engagement and their evaluation.	1	2
		Instructional Hours	**6**

Suggested Learning Methods : Creative Art Assignments

V	Rural Distress, Rural Poverty, Impact of Disasters on Migrant Laborers, Mitigation of Disaster.	2	1
		Instructional Hours	**6**

Suggested Learning Methods : Community Participation Program

	Total Hours	**30**

Text Books	1. Participatory Rural Appraisal, PRA Application in Rural Development Planning, R Ramesh 2. Introduction to Community Development, Theory, Practice, and Service-Learning, Gary Paul Green, Jerry W. Robinson, Jr, 2011, SAGE Publications
Reference Books	1. Community-based participatory research: a capacity-building approach for policy advocacy aimed at eliminating health disparities. Am J Public Health. 2010 2. Achieving successful community engagement: A rapid realist review. BMC Health Services Research.
Web. URLs	1. https://unnatbharatabhiyan.gov.in › presentations 2. https://www.wellawareworld.org/

Course designed by	**Verified by**
Narmadha Vernoiha T	Dr. P. Nathiya

Course Code	Title	
22U4VBOE10	**Value Based Open Elective Course : Emotional Intelligence**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To enable the Students to understand the concepts of Emotional Intelligence, its models and components
Course Category	Employability & Skill Development
Development Needs	National & Global
Course Description	Understanding the importance of Emotional Intelligence and build effective relationships

Course Outcomes		Teaching Methods
CO 1	Understand the Self-Awareness, Self-Management, Social Awareness and Relationship Management	Lecture/ Video Lectures
CO 2	Discover personal competence and techniques of building emotional intelligence.	Lecture/ Role Play
CO 3	Narrate the insights into establishing positive relationships	Lecture/ Peer Teaching
CO 4	Understand the emotional intelligence and its importance	Lecture/ Role Play
CO 5	Summarize the Self-Management Techniques	Lecture/ Group Discussion

Course Content		Instructional Hours / Week : 2	

Unit	Description	Text Book	Chapters
I	**Fundamentals of Emotional Intelligence**: Meaning Definition Nature and Significance Models of Emotional Intelligence-: Ability, Trait and Mixed Building blocks of emotional intelligence: Self-awareness, Self-Management, Social Awareness, and Relationship Management	1	1&2
		Instructional Hours	**6**
Suggested Learning Methods : Video lectures			
II	**Personal Competence:** Meaning Definition Self Awareness: Observing and recognizing one's own feelings, Knowing one's strengths and areas of development. Self-Management: Managing emotions, anxiety, fear, and anger.	1	5&6
		Instructional Hours	**6**
Suggested Learning Methods : Role Play			
III	**Social Competence**: Social Awareness: Others' Perspectives, Empathy and Compassion Relationship Management: Effective communication, Collaboration, Teamwork and Conflict Management	2	1&2
		Instructional Hours	**6**
Suggested Learning Methods : Peer Teaching			

IV	**Emotional Intelligence:** Measurement and Development - Meaning Definition, Importance Measures of emotional intelligence Strategies to develop and enhance Emotional Intelligence	2	4&5
	Instructional Hours		**6**

Suggested Learning Methods : Role Play			

V	**Self-Management Techniques**: Meaning Definition Techniques to regulate emotions such as Mindfulness, Conditioned relaxation response and Boundary setting Techniques of Relationship Management: Display of empathy, Effective Communication , Teamwork , Conflict resolution	2	6&7
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion			
	Total Hours		**30**

Text Books	1. Bar-On, R., & Parker, J.D.A.(Eds.) (2000). The handbook of emotional intelligence. San Francisco, California: Jossey Bros. 2. Goleman, D. (2005). Emotional Intelligence. New York: Bantam Book. 3. Sternberg, R. J. (Ed.). (2000). Handbook of intelligence. Cambridge University Press.
Reference Books	1. HBR's 10 Must Reads on Emotional Intelligence (2015) 2. HBR's 10 Must Reads on Managing Yourself (2011) 3. Self-Discipline: Life Management, Kindle Edition, Daniel Johnson.

Course designed by	**Verified by**
Dr.R.A.Ayyapparajan	Dr.R.A.Ayyapparajan

Course Code	Title	
22U4VBOE11	**Value Based Open Elective Course : Fundamentals of Tourism**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To impart Knowledge on Tourism and its development in the economic growth and also to identify the tourist needs.
Course Category	Employability
Development Needs	Global
Course Description	To enhance the students to get part in the tourism industry and to know about concepts of tourism.

Course Outcomes		Teaching Methods
CO 1	Understand tourism and its development	Direct Instruction
CO 2	Analyse the Factors influencing the Travel Motivations.	Direct Instruction
CO 3	Comprehend the Tourist Transport	Video Lessons
CO 4	Understand the Tourist Accommodations	Direct Instruction
CO 5	Apply the Travel Agency Operations	Video Lessons

Course Content		Instructional Hours / Week : 2	
Unit	**Description**	**Text Book**	**Chapters**
I	**The Tourism Phenomenon:** Definition – Tourism; Tour; Tourist; Visitor; Excursionist; Domestic; International; Inbound; Outbound; Destination. Growth of Tourism / Evolution / History of Tourism & Present status of tourism in India. Thomas Cook – Grand Circular Tour.	1	9, Key Terms
	Instructional Hours		**6**
Suggested Learning Methods : Lecture Based Learning			
II	**Travel Motivations:** *Categories of Motivations:* Physical Motivators, Cultural Motivators, Interpersonal Motivators, Status and prestige Motivators. *Types of Tourism:* Pleasure, relaxation, Rest and recreation, Health, Participation in Sports, Curiosity and Culture, Ethnic and Family, Spiritual and Religious, Professional or Business.	1	3
	Instructional Hours		**6**
Suggested Learning Methods : Group Learning Method			
III	**Tourist Transport:** Role of Transport in Tourism, Modes of Transport, Road Transport, Air Transport, Rail Transport, Sea Transport.	2	15
	Instructional Hours		**6**
Suggested Learning Methods : Group Learning Method			
IV	**Tourist Accommodation:** Definition, Types of Hotels, International Hotels, Resort Hotels, Commercial Hotels, Residential Hotels, Floating Hotels. **Supplementary Accommodation:** Motel, Youth Hostel, Camping Sites, Pension, Bed and Breakfast Establishment, Tourist Holiday Villages, Time and Resort Condominiums.	1	8
	Instructional Hours		**6**
Suggested Learning Methods: Group Learning Method			

V	**Travel Agency:** Products of Travel Agency, Classification of Travel Agency, Functions, Travel Related Business, International Travel Requirements, Travel Agency Operations.	3	2,3
		Instructional Hours	**6**

Suggested Learning Methods: Lecture Based Learning		
	Total Hours	**30**

Text Books	1. A.K. Bhatia, Tourism Development: Principles & Practices, Sterling Publishers Pvt 2007. 2. A.K. Bhatia, International Tourism Management, Sterling Publishers Pvt 2012. 3. Jagmohan Negi, Travel Agency Operations Concepts and Principles, Kanishka Publishers and Distributors, 2003.
Reference Books	1. Biswanth Gosh, Tourism & travel management, Vikas Publishing House, Second Edition, 2008. 2. Christopher Holloway, Business of tourism, Elsevier Publisher, Second Edition, 2006.

Course designed by	Verified by
B. Tamil Selvan	B. Tamil Selvan

Course Code	Title	
22U4VBOE12	**Value Based Open Elective : Health Education**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	1. Acquire knowledge on different dimensions of health. 2. Inbuilt healthy life style practices
Course Category	Value education
Development Needs	Local
Course Description	It provides knowledge on values and practices for healthy living

Course Outcomes		Teaching Methods
CO 1	Recall the importance of health education	Interactive session
CO 2	Enlist the right choice of foods and dietary pattern	Interactive session
CO 3	Identify methods to manage mental health issues	Activity based teaching
CO 4	Practice effective personal health habits	Interactive session
CO 5	Summarize the importance of environmental health for mankind	Interactive session

Course Content			Instructional Hours /Week : 2	
Unit	**Description**		**Text Book**	**Chapters**
I	**Health Education:** Concept of health, Components of wellness, spectrum and determinants of health - Definition of health-health education-Aim, objective and principles of health education - Health services, Related Activity -Measuring the health attitudes of students		1	1
		Instructional Hours		**6**
Suggested Learning Methods: Group Activity				
II	**Food and Health** Basic 4, 5and7 food groups; functional food groups-energy yielding, body building and protective foods (only sources and functions), food pyramid, meal planning pattern, healthy eating pattern.Related Activity -Assessing dietary adequacy of students		3,4	1 & 1, 2
		Instructional Hours		**6**
Suggested Learning Methods: Peer learning				
III	**Mental Health** Meaning of mental health – importance of mental health-characteristics of emotionally healthy-Self esteem-Values and patterns in decision making- Mental health problem of adolescences – depression & stress -causes and management Related activity-Stress level assessment in students		1	6
		Instructional Hours		**6**
Suggested Learning Methods: Role play				

IV	**Personal Health** Definition of personal health- under nutrition and over nutrition -prevalence of life style disease-healthy lifestyle practices- personal hygiene-Importance of physical activities & exercise Related Activity -Analyzing the physical activity pattern of students	1	8
		Instructional Hours	**6**

Suggested Learning Methods: Assignment

V	**Environment and Health** Definition of environmental health, Biodiversity, climate change and biodiversity, environmental pollution-causes and consequences of air, water and soil pollution-Food contamination and consequences Related Activity-Group discussion on case studies	2	5,8
		Instructional Hours	**6**

Suggested Learning Methods: Group Discussion

	Total hours	**30**
Text Books	1. Anspaugh (2001), Teaching Today's Health, Library of Congress Cataloging, 6th Edition, US 2. Tyler Miller (2006), Environmental Science, Cengage learning India private ltd 3. Srilakshmi (2010), Dietetics, New age International private limited, New Delhi 4. Srilakshmi (2010), Food Science, New age International private limited, New Delhi	
Reference Books	1. Howley & Don Franus(B) (2003) Health Fitness Instructor's Handbook. Human Kinetics publication. 2. Ramachandran. L. Dharmalingam. T (1993) Health Education India. Vikas publishing House Private Limited	
Journals	1. Health education	

Course designed by	**Verified by**
Dr. A. Swarnalatha	Dr. A. Swarnalatha

Course Code	Title	
22U4VBOE13	**Value Based Open Elective Course : Media and Politics**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To Impart knowledge of understanding the media and politics
Course Category	Skill Development
Development Needs	Global
Course Description	This course examines how media and political institutions interact to shape public thinking and debates around social problems.

	Course Outcomes	Teaching Methods
CO 1	Understand the basic idea of media and Politics	Lecture and Demonstration
CO 2	Summarize the political stance of media.	Lecture
CO 3	Apply the Skills on writing political news.	Lecture and Demonstration
CO 4	Evaluate the various characteristics of media Organization.	Video Lectures
CO 5	Apply the mass media influences as individuals, groups, and society in political contexts	Discussion

Course Content		Instructional Hours / Week : 2	
Unit	**Description**	**Text Book**	**Chapters**
I	Media –- Meaning and importance. Role of media in Society Political Communication – Mass Media politics and Society- Cinema and political manifestation. Social media and Political narration	1	1
	Instructional Hours		**06**
Suggested Learning Methods : Learning by Teaching			
II	Characteristics of Modern Mass Media: Print and Electronic Media – Political economy and Ownership	2	2
	Instructional Hours		**06**
Suggested Learning Methods : Active Learning			
III	Political Economy - State ownership versus private ownership of mass media – Consequences of private and public- Media ownership pattern Government Regulation – Monopoly- Media content and its Censorship.	1	2
	Instructional Hours		**06**
Suggested Learning Methods : Group Learning			
IV	Public Opinion- The relationship between the mass media and public sphere- Political manipulation of media content- the impact of mass media on global political processes.	3	3
	Instructional Hours		**06**
Suggested Learning Methods : Visual Learning			

V	Political effects of Mass Media: Individual- group- and Society Public- making public opinion- Setting of Political agenda- Political Socialization- Political mobilization	2	4
		Instructional Hours	**06**

Suggested Learning Methods : Case study based Learning

		Total Hours	**30**

Text Books	1. Lowe, L. (2016). The Definitive Guide to Creative Writing and Media Productions. United States: Xlibris UK. 2. Marshall, C. (2018). Writing for Social Media. United Kingdom: BCS Learning & Development Limited. 3. Cain, S., Batty, C. (2016). Media Writing: A Practical Introduction. United Kingdom: Palgrave Macmillan.
Reference Books	1. Mencher, Melvin."Basic News Writing" Universal Bookstall, New Delhi.1993. 2. Sreenivas Rao. Academic Book Centre, Ahmedabad. 1981. 3. Barnard, J. (2019). The Multimodal Writer: Creative Writing Across Genres and Media. United Kingdom: Bloomsbury Academic. 4. Kuehn, S. A., Lingwall, J. A. (2016). The Basics of Media Writing: A Strategic Approach. United States: SAGE Publications.
Web. URLs	1. https://www.bing.com/videos/

Course designed by	**Verified by**
R.Baiju Paul	R.Baiju Paul

Course Code	Title	
22U4VBOE14	**Value Based Open Elective : Positive Psychology and Work Life**	
Semester: IV	**Credits: 2**	**ESE: 50 Marks**

Course Objective	To bring an experience marked by predominance of positive emotions and informing them about emerging paradigm of Positive Psychology
Course Category	Skill Development
Development Needs	National
Course Description	Build relevant competencies for experiencing and sharing happiness as lived experience and its implications

Course Outcomes		Teaching Methods
CO 1	Understand the realities of Psychology and Work life	Lecture/ Case Study
CO 2	Insight on origin and development of Positive Psychology	Lecture/ Role Play
CO 3	Reveal the knowledge about phases of Positive Psychology	Lecture/ Case Study
CO 4	Perceptiveness about Happiness in Psychology and its Traits	Lecture/ Role Play
CO 5	Furnish the specific skills and techniques for working with Trust and Companionship	Lecture/ / Role Play

Course Content			Instructional Hours / Week : 2	
Unit	**Description**		**Text Book**	**Chapters**
I	Introduction to Positive Psychology : Positive Psychology: Concept, History, Nature, Dimension and scope of Positive Psychology Seligman's PERMA		3	1
	Instructional Hours			**6**
Suggested Learning Methods : Seminar				
II	Positive Emotional States and Processes, Positive Emotions and well being: Hope & Optimism, Love, The Positive Psychology of Emotional Intelligence, Influence of Positive Emotions		2	3
	Instructional Hours			**6**
Suggested Learning Methods : Role Play				
III	Strengths and Virtues : Character Strengths and Virtues Resilience in the phase of challenge & Loss, Empathy and Altruism		1	3
	Instructional Hours			**6**
Suggested Learning Methods : Role Play				
IV	Happiness : Introduction to Psychology of happiness, well being and scope, Types of happiness- Eudaimonic and Hedonic History of Happiness, Theories, Measures and Positive correlates of happiness, Traits associated with Happiness, Setting Goals for Life and Happiness		3	2
	Instructional Hours			**6**
Suggested Learning Methods : Creative Art Assignments				

V	**Forgiveness and Gratitude** : Forgiveness and Gratitude , Personal transformation and Role of suffering , Trust and Compassion	1	3
		Instructional Hours	**6**

Suggested Learning Methods : Community Participation Program		
	Total Hours	**30**

Text Books	1. Argyle, M. 1987. *The psychology of happiness.* London: Methuen. 2. Carr, Alan (2007). Positive Psychology: The science of human happiness and human strengths. Routledge, Taylor and Francis Group- London. Csikzentmihalyi, Mihaly (1990) Flow: The Psychology of Optimal Experience, Harper Perennial. 3. Garcia,Hector., & Mirrales. Francesc.(2017) IKIGAI-The Japanese Secret to a Long and Happy Life, Hutchinson London.
Reference Books	1. Frankl, Viktor E. (1988). The Will to Meaning: Foundations and Applications of Logotherapy. Meridian/Plume 2. Frankl, Viktor E. (2000) Man's Search for Ultimate Meaning, Basic Books. 3. Snyder, C. R., & Lopez, S. J., & Pedrotti, J. T (2011) Positive Psychology: The Scientific and Practical Explorations of Human Strengths, Sage Publications India Pvt Ltd.

Course designed by	**Verified by**
Ms. Lidya	Dr. P. Nathiya

Course Code	Title	
22U4VBOE15	Value Based Open Elective Course : Professional Ethics	
Semester: IV	Credits: 2	ESE: 50 Marks

Course Objective	Students will understand the importance of Values and Ethics in their personal lives and Professional careers
Course Category	Employability & Skill Development
Development Needs	National & Global
Course Description	Understanding the importance of maintaining Professional Ethics and build effective career.

Course Outcomes		Teaching Methods
CO 1	Understand the basic purpose of Profession	Lecture
CO 2	Summarize the Professional Rights And Responsibilities	Lecture/ Peer Teaching
CO 3	Apply the various Roles in Applying Ethical Principles at Various Professional Levels	Lecture/ Case Study
CO 4	Professional Ethical Values and Contemporary Issues	Lecture/ Role Play
CO 5	Excelling in Competitive and Challenging Environment to Contribute to Industrial Growth.	Lecture/ Group Discussion

Course Content	Instructional Hours / Week : 2

Unit	Description	Text Book	Chapters
I	**Introduction to Professional Ethics: Meaning Definition Basic Concepts** Governing Ethics, Personal & Professional Ethics, Life Skills, Emotional Intelligence Profession and professionalism, Professional Associations, Professional Risks, Professional Accountabilities, Professional Success, Ethics and Profession.	1	1&2
	Instructional Hours		**6**

Suggested Learning Methods : Video lectures

Unit	Description	Text Book	Chapters
II	**Basic Theories:** Basic Ethical Principles, Moral Developments, Deontology Virtue Theory, Rights Theory, Casuist Theory, Moral Absolution, Moral Rationalism, Moral Pluralism Ethical Egoism, Feminist Consequentialism, Moral Issues, Moral Dilemmas, Moral Autonomy	1	5&6
	Instructional Hours		**6**

Suggested Learning Methods : Mini Case Analysis

III	**Professional Practices:** Professions and Norms of Professional Conduct, Norms of Professional Conduct vs. Profession Responsibilities, Obligations and Moral Values in Professional Ethics, Professional codes of ethics The Centrality of Responsibilities of Professional Ethics; lessons from 1979 American Airlines DC-10 Crash and Kansas City Hyatt Regency Walk away Collapse.	2	1&2
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

IV	Ethics in changing domains of Research: The US government wide definition of research misconduct, research misconduct distinguished from mistakes and errors, recent history of attention to research misconduct The emerging emphasis on understanding and fostering responsible conduct, responsible authorship, reviewing & editing.	2	4&5
	Instructional Hours		**6**

Suggested Learning Methods : Role Play

V	Global issues in Professional Ethics: Introduction – Current Scenario, Technology Globalization of MNCs, International Trade, World Summits, Issues Business Ethics and Corporate Governance, Sustainable Development Ecosystem, Energy Concerns, Ozone Deflection, Pollution, Ethics in Manufacturing and Marketing Media Ethics; War Ethics; Bio Ethics, Intellectual Property Rights	2	6&7
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

	Total Hours	**30**

Text Books	1. Professional Ethics: R. Subramanian, Oxford University Press, 2015. 2. Ethics in Engineering Practice & Research, Caroline Whitbeck, 2e, Cambridge University Press, 2015
Reference Books	1. Business Ethics concepts & Cases: Manuel G Velasquez, 6e, PHI, 2008

Course designed by	**Verified by**
Dr. R. A. Ayyapparajan	Dr. R. A. Ayyapparajan

Course Code	Title		
22U4VBOE16	**Value Based Open Elective Course : The Science of Happiness**		
Semester: IV	**Credits: 2**	**ESE: 50 Marks**	

Course Objective	To explore the key elements of happiness at work and strategies to cultivate joy, well-being, and productivity in the workplace, relationship between happiness and various work-related factors, such as efficiency, creativity, innovation, work-life balance, and making a difference for others.
Course Category	Skill Development
Development Needs	Global
Course Description	To create a positive work environment and promote happiness for themselves and others.

Course Outcomes		Teaching Methods
CO 1	Understand the Happiness as a Scientific Construct	Lecture Method
CO 2	Apply the Theories and Models of Well-being	Flipped Teaching
CO 3	Demonstrate the Individual Factors and Happiness	Lecture Method
CO 4	Analyze the Social and Environmental Factors in Happiness	Lecture Method
CO 5	Apply Happiness and Work Efficiency	Flipped Teaching

Course Content		Instructional Hours / Week : 2	

Unit	Description	Text Book	Chapters
I	**Introduction to Happiness as a Scientific Construct** Defining happiness and its importance in individual and societal well-being, Overview of subjective well-being and its components - life satisfaction, positive emotions, and negative emotions, Exploration of cultural variations in happiness and its measurement	1	1
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			
II	**Theories and Models of Well-being** Prominent theories of well-being - hedonic well-being, eudemonic well-being, PERMA model. Role of factors - autonomy, meaning, and engagement in happiness. Strengths and limitations of different well-being models	1	2
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			
III	**Individual Factors and Happiness** Personality traits - optimism, resilience and their influence on happiness. Role of genetics and biological factors in determining happiness levels. Examination of personal values, goals, and self-esteem and their impact on subjective well-being	1	3
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			

IV	**Social and Environmental Factors in Happiness** Importance of social relationships and social support in promoting happiness. Influence of social comparison, social norms, and cultural factors on well-being. Impact of environmental factors - access to nature, quality of living conditions on happiness.	1	4
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			
V	**Happiness and Work Efficiency** Impact of happiness on work efficiency and productivity, strategies for managing daily hassles and reducing stress in the workplace, link between happiness and creativity in the workplace, Strategies for fostering a creative and innovative work environment	1	5
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			
	Total Hours		**30**

Text Books	1. Susan A. David, IlonaBOni well, and Amanda Conley Ayers; The Oxford Hand book of Happiness.
Reference Books	1. Achor, S. (2010). The happiness advantage: The seven principles of positive psychology that fuel success and performance at work. Random House. 2. Lyubomirsky, S. (2008). The how of happiness: A scientific approach to getting the life you want. Penguin. 3. Diener, E., & Seligman, M. E. P. (2002). Very happy people. Psychological Science, 13(1), 81-84.
Web. URLs	1. https://onlinecourses.nptel.ac.in/noc23_hs06/preview

Course designed by	**Verified by**
Dr.S. Balaji	Dr.M.Shanthanalakshmi

Course Code	Title		
23U3ACC513	**Core Paper – XIII Management Accounting**		
Semester: V	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			

Course Objective:	To enable the students should have a thorough knowledge on the management accounting techniques in the business decision making.
Course Category:	Employability
Development Needs:	National
Course Description:	Management accounting is a subject of recent origin which has facilitated the managerial decision making more effectively and efficiently.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Ability to differentiate Financial, Cost and Management Accounting	Problem Solving Method	Work Sheet
CO 2	To know the ratio position of the company	Near Pod	Assignment
CO 3	Analyze the Cash Flow Statement	Problem Solving Method	Assignment
CO 4	To know the support of marginal costing in financial decisions for management	Cue Think	Work Sheet
CO 5	Ability to prepare various Budget	Problem Solving Method	Work Sheet

Offered by	**Commerce**		

Course Content		**Instructional Hours / Week : 5**	

Unit	Description	Text Book	Chapters
I	Management Accounting - Meaning - Objectives and Scope - Relationship between Management Accounting, Cost Accounting and Financial Accounting - Advantages and Limitations - Tools and Techniques of Management Accounting Financial Statement Analysis and Interpretation - Trend Analysis, Horizontal and Vertical Analysis	1 2	I(1), 2
		Instructional Hours	**15**
Suggested Learning Methods: Case Study			
II	Ratio Analysis - Uses - Analysis of Liquidity - Solvency, Profitability and Activity Ratios - Construction of Balance Sheet	2	3
		Instructional Hours	**15**
Suggested Learning Methods : Case Study			
III	Cash Flow Analysis - Accounting Standard	2	5
		Instructional Hours	**15**
Suggested Learning Methods : Case Study			
IV	Marginal costing and Break Even Analysis - Significance and Limitations of Marginal Costing - Managerial Applications of Marginal Costing	2	7
		Instructional Hours	**15**
Suggested Learning Methods : Case Study			
V	Budgeting and Budgetary Control - Definition - Importance, Essentials - Classification of Budgets - Preparation of Cash Budget, Sales Budget, Purchase Budget, Material Budget, Flexible and Master Budget	1 2	3(10) 6
		Instructional Hours	**15**
Suggested Learning Methods : Case Study			
		Total Hours	**75**
NOTE: Distribution of Marks: Theory 20% and Problems 80%			

Text Books :	1. Shashi.K. Gupta &Dr.R.K.Sharma, Management Accounting, Kalyani Publishers, NewDelhi, 2014.
	2. Dr.A.Murthy&Dr. S Gurusamy, Management Accounting, Vijay Nicole Imprints Pvt. Ltd. Chennai, 2013.
Reference Books :	1. Dr. S.N. Maheswari, Principles of Management Accounting, Sultan Chand & Sons, New Delhi, 2005.
	2. S.K.Bhattacharya, Accounting and Management, Vikas Publishing House, 2013.
Web. URLs	https://corporatefinanceinstitute.com/resources/accounting/managerial-accounting/

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Attendance	Total
5	5	6	3	3	3	25

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	H	M	M	M	M	H	M	H	M	H
CO2	H	M	M	M	H	H	M	H	M	H	L	H	H
CO3	M	L	H	H	M	M	H	M	H	H	M	H	L
CO4	H	M	M	M	H	L	M	H	M	M	H	M	M
CO5	M	L	M	M	M	M	M	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. R. Mahadevi	Dr. R. Mahadevi

B.Com. With Computer Applications NASC | 2023

Course Code	Title		
23U3CCC514	**Core Paper-XIV Python Programming**		
Semester : V	**Credits: 4**	**CIA : 25 Marks**	**ESE : 75 Marks**

Course Objective:	The course provides to prepare the students with the knowledge of concepts of Programming in Python
Course Category:	Employability
Development Needs:	Global
Course Description:	This course introduces computer programming using the Python programming language. Emphasis is placed on common algorithms and programming principles utilizing the standard library distributed with Python

	Course Outcomes	Teaching Methods	Assessment Methods
CO1	Understand the fundamentals of Python programming language	Class Discussion	Assignment
CO2	Acquire knowledge on Control and Expression of programming flow	Flipped Teaching	Online Quiz
CO3	Explore the knowledge on dictionaries and sets	Team-Based Learning	Code Debugging
CO4	Understand the concept of files and its functions	Active learning	Assignment
CO5	Apply the knowledge of build in functions and exception handling	Project Based Learning	Mini Project

Course Content		Instructional Hours / Week : 5	
Unit	**Description**	**Text Book**	**Chapters**
I	The way of the program**:** The python programming language – What is a program? – What is debugging? – Formal and natural languages – The first Program	1	1
	Variables, expressions and statements – Values and types – Variables- variables names and keywords – statements.	2	2
	Instructional Hours		**18**
Suggested Learning Methods : Group Discussion			
II	Evaluating expressions –Operators and operands –Order of operations–Operations on strings-Composition	1	3
	Control Statements if-else– if-else-if-else–while loop–for loop–break – continue–assert–pass–return	1	4
	Instructional Hours		**18**
Suggested Learning Methods : Program Development			

III	List, Ranges & Tuples in Python Introduction– Lists in Python– More about Lists–Understanding Iterators – Generators, Comprehensions and Lambda Expressions	2	5
	Python– Dictionaries and Sets– Introduction to the section– Python Dictionaries– More on Dictionaries	2	6
		Instructional Hours	**18**

Suggested Learning Methods : Group Discussion				

IV	Input and Output in Python– Reading and writing text files– Writing Text Files	2	7
	Appending to Files and Challenge– Writing Binary Files Manually– Using Pickle to Write Binary Files	2	8
		Instructional Hours	**18**

Suggested Learning Methods : Code Debugging

V	Python built in function– Python user defined functions– Python packages functions– Defining and calling Function– The anonymous Functions	1	9
	Exceptions – Errors in Python– Compile–Time Errors– Runtime Errors– Logical Errors – What is Exception? Handling an exception–try. Except.else– try-finally clause	2	10
		Instructional Hours	**18**

Suggested Learning Methods : Mini Project

	Total Hours	**90**

Text Book(s)	1. Allen Downey, Jeffrey Elkner, Chris Meyers–**"Learning with python"**, Reprint Edition'DreamTech,2016. 2. Mark Lutz, David Ascher–**"Learning Python",**O'ReillyMedia,Inc.5thedition, 2013
Reference Book(s)	1. Solem Jan Erick **"Programming Computer Vision with Python",** creative commons,2012.
Web URL	1. https://pythonprogramming.net/python-fundamental-tutorials/ 2. https://nptel.ac.in/courses/106106182

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster making**	**Total**
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping												
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	M	M	M	L	M	M	M	M	L
CO2	H	M	M	M	H	L	M	M	H	L	M	M	M
CO3	H	H	H	H	M	M	M	M	M	M	H	M	L
CO4	M	H	H	M	M	L	L	M	H	H	M	L	H
CO5	H	H	H	M	H	L	M	M	H	M	M	L	L

Course Designed by	Verified by
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title		
23U3CCP515	**Core Paper – XV Python Programming Practical**		
Semester: V	**Credits: 3**	**CIA : 30 Marks**	**ESE : 45 Marks**

Course Objective:	The course provides an application using the object-oriented concepts
Course Category:	Skill
Development Needs:	Global
Course Description:	This course includes an overview of the various tools available for writing and running Python, and gets students coding quickly.

Course Outcomes		Teaching Methods	Assessment Methods
CO1	Understand the concepts of object-oriented programming as used in Python	Hands on Training	Code Debugging
CO2	Develop applications using building functions, GUI, CGI and Network functions	Applications process	Verification
CO3	Illustrate the concept to exception handling in Python applications for error handling	Experiential Learning	Presentation
CO4	Design and program Python applications.	Hands on training	Demonstration
CO5	Understand the concepts of stack and list.	Flipped Classroom	Verification

Course Content	Instructional Hours / Week : 4

Unit	List of Programs (8 Programs) Computer Lab
I	Compute the GCD of two numbers.
II	Program using While Loop
III	Find the square root of a number (Newton's method)
IV	Find the most frequent words in a text read from a file
V	String Type Functions
VI	Dictionary Type Methods
VII	First n prime numbers
VIII	Stacks with python lists

	Total Hours	**60**

Tools for Assessment (30 Marks)

Models	Reports	Demonstration	Test 1	Test 2	Observation Note	Total
5	**5**	**5**	**5**	**5**	**5**	**30**

Mapping													
PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	M	L	M	M	M	H	M	M	L
CO2	H	H	H	H	H	M	L	H	H	H	M	H	L
CO3	M	H	M	M	L	L	M	M	H	H	M	M	L
CO4	H	M	H	L	M	M	L	H	H	H	H	H	M
CO5	H	H	M	M	M	L	L	M	M	M	M	M	L

Course Designed by	Verified by
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title
23U3ACC516	**Core Paper – XVI Direct Tax**
Semester: V	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**

(Common to B.Com CA/IT/Banking)

Course Objective:	To enable the students to know the basics of Income tax Act & its implications.
Course Category:	Employability
Development Needs:	National
Course Description:	A direct tax is a tax that a person or organization pays directly to the entity that imposed it.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Identify the residential status	Problem Solving Method	Work Sheet
CO 2	Able to calculate Income from salary and house property	Cue Think	Assignment
CO 3	Capacity to compute income from profession and business	Problem Solving Method	Assignment
CO 4	Ability to know income from Capital Gains & other sources	Near pod	Work Sheet
CO 5	Construct tax liability	Problem Solving Method	Work Sheet

Offered by	Commerce

Course Content	**Instructional Hours / Week : 6**

Unit	Description	Text Book	Chapters
I	Income Tax Act – History of Income Tax in India – Sources of Income Tax Law - Previous year – Assessment year – Residential Status – Scope of Total income – Income exempted from tax	1	1
	Instructional Hours		**18**

Suggested Learning Methods: Case Study

Unit	Description	Text Book	Chapters
II	Income under the heads of Salary – Treatment of HRA - Provident Fund – Leave Encashment - Income under the heads of House Property – Deductions allowed	1	5, 6
	Instructional Hours		**18**

Suggested Learning Methods : Peer Tutoring

Unit	Description	Text Book	Chapters
III	Income under the heads of Business – Computation of Business income - Computation of Professional income	2	1, 2
	Instructional Hours		**18**

Suggested Learning Methods : Flipped Class

IV	Computation of Income from Capital Gain - Other Sources Computation of Income from Capital Gain - Other Sources - Set-off and carry forward of losses	2	4, 5
	Instructional Hours		**18**

Suggested Learning Methods : Peer Tutoring

V	Computation of Total Taxable Income - Deductions u/s Section 80	2	6, 7
	Instructional Hours		**18**

Suggested Learning Methods : Case Study

	Total Hours	**90**

Text Books :	1. V.P. Gaur, D.B. Narang, Puja Gaur, Rajeev Puri, **Income Tax Law and Practice,** Kalyani Publishers, Current Assessment Year. 2. T.Srinivasan, **Income Tax Law and Practice**, Vijay Nicole imprints private limited, Current Assessment Year.
Reference Books :	1. T.S Readdy & Hariprasad Reddy, **Income Tax Law and Practice**, Margham Publications, Current Assessment Year.
Web. URLs	1. https://icmai.in/upload/Students/Syllabus2016/Inter/Paper-7-April-2021.pdf

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Work Sheet	Class Participation	Total
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	H	M	M	M	M	H	M	H	M	H
CO2	H	M	M	M	H	H	M	H	M	H	L	H	H
CO3	M	L	H	H	M	M	H	M	H	H	M	H	L
CO4	H	M	M	M	H	L	M	H	M	M	H	M	M
CO5	M	L	M	M	M	M	M	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms.N.R.Nithya	Dr. R. Mahadevi

Course Code	Title		
23U3ACE501	**Discipline Specific Elective Paper – I (A) Brand Management**		
Semester: V	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/Banking)			

Course Objective:	To enhance the students to understand the knowledge about the well versed in the concept of branding.	
Course Category:	Skill Development	
Development Needs:	National	
Course Description:	Brand management is a function of marketing that uses techniques to increase the perceived value of a product line or brand over time.	

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Aware of correlation between organizational functions and branding	Lecture Method	Assignment
CO 2	Acquire skills to develop a brand	Flipped Teaching	Poster Presentation
CO 3	Outline about Brand image	Lecture Method	Assignment
CO 4	Capability to implement branding strategies	Lecture Method	Poster Presentation
CO 5	Nurture the skills of a brand manager	Flipped Teaching	Seminar

Offered by		**Commerce**

Course Content		**Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapters
I	Introduction – Basics Understanding of Brands – Definitions – Functions of a Brand – Significance of Brand –Selecting a brand name – Different Types of Brands – Store brands – Co branding	1 1	4 3
	Instructional Hours		**15**

Suggested Learning Methods: Group Discussion

Unit	Description	Text Book	Chapters
II	Branding process – Brand vision – Brand extension – Brand Elements-Brand as a personality, as trading asset – Competing with Foreign brands – brand image building	1	4
	Instructional Hours		**15**

Suggested Learning Methods Group Discussion

Unit	Description	Text Book	Chapters
III	Brand Image – Brand associations & image – Buying decision perspectives on consumer behavior - Managing Brand image – stages – functional, symbolic & experiential brands. Brands & consumer – Branding for Global Markets	2 1	4 5
	Instructional Hours		**15**

Suggested Learning Methods : Peer Tutoring

Unit	Description	Text Book	Chapters
IV	Brand Adoption Practices – Different type of brand extension – Factors influencing Decision for extension - Re-branding and re-launching – Brand Architecture – product, line, range, umbrella & source endorsed brands - Brand Portfolio Management.	2 1	5 5
	Instructional Hours		**15**

Suggested Learning Methods : Mind Mapping			
V	Brand valuation – Methods of valuation – Applications – Branding industrial products, services and Retailers –Brand Strategies: Designing and implementing branding strategies - Brand Performance – Measuring Brand Performance –Role of Brand Managers – Branding challenges & opportunities –Case Studies	2 1	6 5

Instructional Hours	**15**

Suggested Learning Methods : Mind Mapping

Total Hours	**75**

Text Books :	1. Kevin Lane Keller, **Strategic Brand Management**, Person Education, New Delhi, 2008. 2. Jean Noel, Kapferer, **Strategic Brand Management**, the Free Press, New York, 1992.
Reference Books :	1. S.Ramesh Kumar, **Managing Indian Brands**, Vikas publishing House (P) Ltd., New Delhi, 2002. 2. RamanjMajumdar, **Product Management in India**, PHIL earning Pvt. Ltd., 2008. 3. Paul Tmeporal, **Branding in Asia**, John Wiley & sons (P) Ltd., New York, 2000. 4. JagdeepKapoor, **Brandex, Biztantra**, New Delhi, 2005.
Web. URLs	1.https://www.van-haaften.nl/branding/corporate-branding/122-brand-functions

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO1	PSO2	PS O3	PSO4	PSO5
CO1	H	M	M	H	M	L	H	M	H	M	H	M	M
CO2	M	H	M	H	M	M	H	M	H	M	M	M	H
CO3	M	M	H	M	L	H	M	M	M	M	L	M	M
CO4	H	H	M	H	M	M	H	M	H	H	M	M	M
CO5	M	M	M	M	H	L	M	M	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms.K.Arthi	Dr. R. Mahadevi

Course Code	Title		
23U3ACE502	Discipline Specific Elective Paper – I (B) Goods and Service Tax		
Semester: V	Credits: 4	CIA: 25 Marks	ESE: 75 Marks
(Common to B.Com. CA/IT/Banking)			
Course Objective:	To provide knowledge on the Business/Indirect Taxes to familiarize the students with recent changes in indirect taxes in India.		
Course Category:	Skill Development		
Development Needs:	National		
Course Description:	Goods and Services Tax is an indirect tax used in India on the supply of goods and services.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Describe the system of Indirect taxes and bases for the levy of indirect taxes.	Lecture Method	Assignment
CO 2	Identify the reasons for the levy and structure of GST.	Flipped Teaching	Poster Presentation
CO 3	Apply the concept of taxable supply and input tax credit.	Lecture Method	Assignment
CO 4	Apply the concept place of supply and determine nature of supply.	Lecture Method	Poster Presentation
CO 5	Identify the taxable levy of customs duty in India.	Flipped Teaching	Seminar

Offered by	Commerce	

Course Content		Instructional Hours / Week: 5

Unit	Description	Text Book	Chapters
I	Indirect taxes – Meaning and Nature – Special features of Indirect Taxes – Contribution to Government Revenues – Taxation under the Constitution – Advantages and Disadvantages of Indirect Taxes.	1	1
	Instructional Hours		**15**
Suggested Learning Methods: Group Discussion			
II	Goods and Service Tax Introduction – Meaning – Need for GST - Advantages of GST – Structure of GST in India – Dual Concepts – SGST – CGST – IGST – UTGST – Types of Rates under GST – Taxes subsumed under State Goods and Services Tax Act 2017 – Taxes subsumed under Central Goods and Services Tax Act 2017 – Meaning of Import terms: Goods, services, supplier, business, manufacture, casual taxable person, aggregate turnover, input tax and output tax.	2	3
	Instructional Hours		**15**
Suggested Learning Methods: Group Discussion			
III	Levy and Collection under SGST/CGST Acts – Concept of supply – Composite and Mixed supplies – Composition Levy – Time of supply goods and services – Value of Taxable Supply. Input Tax Credit – Eligibility and conditions for taking input credit – Reverse charge under the GST – Registration procedure under GST – Concept of e-way Bill – Filing of Returns	1	5
	Instructional Hours		**15**
Suggested Learning Methods: Peer Tutoring			
IV	Levy and Collection under The Integrated Goods and Services Tax Act 2017 – Meaning of Important Terms: Integrated tax, intermediary, location of the	2	7

	recipient and supplier of services, output tax. Levy and Collection of Tax – Determination of nature of Supply – Inter-State supply and Intra-State supply – Place of Supply of Goods or Services – Zero-rated supply.		
	Instructional Hours		**15**

Suggested Learning Methods: Mind Mapping

V	Introduction to Customs Laws in India – The Customs Act 1962 – The Customs Tariff Act 1975 – Levy and Exemption from Custom duty – Taxable event – Charge of Custom duty – Exemptions from duty – Customs procedures for import and export – Meaning of Classification of goods – Methods of valuation of imported goods – Abatement of duty in damaged or deteriorated goods – Remission on duty on lost, destroyed or abandoned goods – Customs duty drawback.	1	3
	Instructional Hours		**15**

Suggested Learning Methods: Mind Mapping

		Total	**75 Hrs**
Text Books :	1. V.S. Datey, **Business Taxation**, Taxmann Publication (p) Ltd, NewDelhi. 2. Gaurav Gupta, **Hand book of GST - Law & Practice**, KalyaniPublishers		
Reference Books :	1. V.Balachandran, **Indirect Taxation**, Sultan Chand & Sons, New Delhi. 2. R.Parameswaran and P.Viswanathan, **Indirect Taxes: GST and Customs Laws**, Kavin		
Web. URLs	1. https://www.gst.gov.in/		

Tools for Assessment (25 Marks)

CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**Total**
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	H	M	M	M	M	H	M	H	M	H
CO2	H	M	M	M	H	H	M	H	M	H	L	H	H
CO3	M	L	H	H	M	M	H	M	H	H	M	H	L
CO4	H	M	M	M	H	L	M	H	M	M	H	M	M
CO5	M	L	M	M	M	M	M	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. K S. Chinju	Dr. R. Mahadevi

Course Code	Title		
23U3ACE503	**Discipline Specific Elective Paper – I (C) Consumer Affairs**		
Semester: V	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			

Course Objective:	Students should be able to comprehend the business firm interface with consumers and the consumer related regulatory and business environment.
Course Category:	Skill Development
Development Needs:	National
Course Description:	Consumer Affairs is an established system or entity formulated for the protection and safeguard of the consumer or purchaser of goods and services. It protects consumers from fraud.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand the concept of consumer and market	Lecture Method	Assignment
CO 2	Analyze Consumer Protection Act	Flipped Teaching	Poster Presentation
CO 3	Outline Grievance Redressal Mechanism under the Indian Consumer	Lecture Method	Assignment
CO 4	Identify the different types of industry regulators	Lecture Method	Poster Presentation
CO 5	Construct Contemporary Issues in Consumer Affairs	Flipped Teaching	Seminar

Offered by	**Commerce**		

Course Content		**Instructional Hours / Week : 5**	

Unit	Description	Text Book	Chapters
I	**Conceptual Framework**: **Consumer and Markets:** Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, E-Commerce with reference to Indian Market, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology.	1	1
	Experiencing and Voicing Dissatisfaction: Consumer buying process, Consumer Satisfaction/dissatisfaction-Grievances-complaint, Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process: ISO 10000 Suite	1	2,3
	Instructional Hours		**15**

Suggested Learning Methods: Group Discussion	

II	**The Consumer Protection Law in India:** Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, and restrictive trade practice.	1	4
	Organizational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial),Role of Supreme Court under the CPA with important case law	1	5
	Instructional Hours		**15**
Suggested Learning Methods : Group Discussion			
III	**Grievance Redressal Mechanism under the Indian Consumer Protection Law:** Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious Complaints; Offences and penalties.	1	6
	Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.	1	7
	Instructional Hours		**15**
Suggested Learning Methods : Peer Tutoring			
IV	**Role of Industry Regulators in Consumer Protection :**Banking: RBI and Banking Ombudsman - Insurance: IRDA and Insurance Ombudsman - Telecommunication: TRAI - Food Products: FSSAI - Electricity Supply: Electricity Regulatory Commission - Real Estate Regulatory Authority	1	9
	Instructional Hours		**15**
Suggested Learning Methods : Mind Mapping			
V	**Contemporary Issues in Consumer Affairs :**Consumer Movement in India: Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings.	1	12
	Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview	1	14
	Instructional Hours		**15**
Suggested Learning Methods : Mind Mapping			

		Total Hours	**75**

Text Books :	1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi, Consumer Affairs, Universities Press, 2007. 2. Choudhary, Ram Naresh Prasad, Consumer Protection Law Provisions and Procedure, Deep and Deep Publications Pvt Ltd, 2005. 3. G. Ganesan and M. Sumathy, Globalisation and Consumerism: Issues andChallenges, Regal Publications, 2012 4. Suresh Misra and Sapna Chadah, Consumer Protection in India: Issues and Concerns, IIPA, New Delhi, 2012. 5. Rajyalaxmi Rao , Consumer is King, Universal Law Publishing Company, 2012
Reference Books :	1. Girimaji, Pushpa (2002). Consumer Right for Everyone Penguin Books. 2. E-books :-www.consumereducation.in 3. Empowering Consumerse-book, 4. E-book,www.consumeraffairs.nic.in 5. The Consumer Protection Act, 1986 and its later versions.www.bis.org
Web. URLs	1. https://consumeraffairs.nic.in/

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
5	5	6	3	3	3	25

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	L	H	H	M	M	M	M	H	M	H	M	H
CO2	H	M	M	M	H	H	M	H	M	H	L	H	H
CO3	M	L	H	H	M	M	H	M	H	H	M	H	L
CO4	H	M	M	M	H	L	M	H	M	M	H	M	M
CO5	M	L	M	M	M	M	M	M	M	H	H	L	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. R. Ramya	Dr. R. Mahadevi

Course Code	Title		
23U4ACS507	**Skill Based Paper –III (A) Enterprise Resource Planning**		
Semester: V	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to B.Com CA/PA/IT/Banking)			
Course Objective:	This subject covers in details about Enterprise Resource Planning; It includes benefits, Modules, and processing of integration, various Technologies.		
Course Category:	Skill Development		
Development Needs:	Global		
Course Description:	Focuses on the systems approach to the planning, analysis, design, development, and evaluation of the supply chain.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand the basic concepts of ERP and how its derived and Developed from various resources	Chalk and Talk	Assignment
CO 2	Easily accessing with the help of knowing the benefits of Enterprise Resource planning.	Visuals	Seminar
CO 3	Inscribe the various Modules processing in the ERP	Chalk and Talk	Creative Thinking
CO 4	Exercise the Evaluation of ERP and accessing the ERP related Technologies.	Peer-to-peer support.	Ethical Reasoning
CO 5	Exercise the other related Technologies of ERP.	Discussion a growth of mindset	Presentations

Offered by	Commerce		

Course Content		**Instructional Hours / Week : 4**	
Unit	**Description**	**Text Book**	**Chapters**
I	Evolution of ERP- Overview of ERP - What is ERP? -The Ideal ERP System -Implementation of an ERP System - Reasons for Growth of ERP - Benefits of ERP- Failure of ERP Implementation-Integrated Data Model-Integrated Management Information-Business Modeling.	1	1
		Instructional Hours	**12**
Suggested Learning Methods: Peer Learning			
II	Benefits of ERP- Reduction in Cycle Time- Reduction of Lead Time - Reduction in Cost - Improved Resource Utilization Improved Supplier Performance-Increased Flexibility - Improved Information Accuracy and Decision-making Capabilities – Better Customer Satisfaction - On-time Shipment.	1	2
		Instructional Hours	**12**
Suggested Learning Methods: Case Study			
III	Modules of ERP–Functional Modules of ERP Software-Manufacturing and Logistics Modules – Finance Module – Controlling –Plant Maintenance – Quality Management – Production Planning and Material Management –Inventory Management and Warehouse Management – Production Planning.	1	3
		Instructional Hours	**12**
Suggested Learning Methods: Group Discussion			
IV	Evaluation of ERP – Variation of Modules –Advantage of ERP – An Overview of Enterprise –ERP and Related Technologies.	1	4
		Instructional Hours	**12**

Suggested Learning Methods: Peer Learning			
V	ERP Market –other related technologies of ERP –E procurement –E-Logistics - Internet Auctions – E-markets – Electronic business process optimization –Business objects in SCM – E-Commerce.	1	5
		Instructional Hours	**12**

Suggested Learning Methods: Mind Mapping		
	Total Hours	**60 Hrs**
Text Books :	1. "Concepts in Enterprise Resource Planning" Third Edition Author- Ellen F. Monk University of Delaware Bret J. Wagner Western Michigan University.	
Reference Books :	1. Alexis-Leon, Enterprise Resource Planning, Tata Mc Grawhill, New Delhi, 2019	
Web. URLs	1.http://chettinadtech.ac.in/storage/14-08-28/14-08-28-10-50-00-2827-anuprathibha.pdf 2.http://ebooks.lpude.in/management/mba/term_3/DCAP302_DCAP514_ENTERPRISE_RESOURCEPLANNING.pdf	

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	M	H	L	H	M	M	M	L	H	M	M
CO2	L	H	H	M	L	H	L	L	L	L	H	L	L
CO3	M	L	M	L	L	L	M	M	M	L	L	M	M
CO4	M	M	L	M	M	L	M	M	M	M	L	M	M
CO5	H	L	M	M	H	M	H	M	M	H	M	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. D. Devika	Dr. R. Mahadevi

Course Code	Title		
23U4ACZ508	**Skill Based Paper–III (B) Financial Statement Analysis - Practical**		
Semester: V	**Credits: 3**	**CIA: 30 Marks**	**ESE: 45 Marks**
(Common to B.Com CA/PA/IT/Banking			

Course Objective:	Students are able to analyse the financial performance of the company and interpret.
Course Category:	Skill Development
Development Needs:	Global
Course Description:	Financial statement analysis is the process of analyzing a company's financial statements for decision-making purposes.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Acquire Knowledge on Preparing Comparative, Common Size and Trend Analysis.	Hands on training	Creative Thinking
CO 2	Able to Prepare Company's Financial Performance Analysis.	Video Learning	Report
CO 3	Calculate Working Capital Requirement of the Company.	Hands on training	Observation Note
CO 4	Identify the Inflow and Outflow of Cash in a Company	Hands on training	Report
CO 5	Prepare marginal costing and break-even chart.	Hands on training	Lab Performance

Offered by	**Commerce**

Course Content	Instructional Hours / Week : 4

Sl. No	List of Programs (10 Programs) Computer Lab
1.	Prepare Horizontal Analysis using Financial Statements. 1. Income Statement 2. Balance Sheet
2.	Prepare Vertical Analysis using Financial Statements. 1. Income Statement 2. Balance Sheet
3.	Prepare Trend Analysis using Financial Statements. 1. Sales 2. Production (Inventories) 3. Net Profit 4. Expenses
4.	Prepare Solvency Position of a Company's Financial Statements.
5.	Prepare Profitability Position of a Company's Financial Statements.
6.	Prepare Turnover Position of a Company's Financial Statements.
7.	Prepare Working Capital Management using Financial Statements.
8.	Prepare Cash Flow Statement using Financial Statement.
9.	Prepare Statement of Marginal Costing.
10.	Prepare Break Even Table and Chart

	Total Hours	**60**

Tools for Assessment (30 Marks)						
Creative Thinking	**Lab Performance**	**Report**	**Test 1**	**Test 2**	**Observation Note**	**Total**
5	**5**	**5**	**5**	**5**	**5**	**30**

Mapping												
CO/PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	L	M	M	M	M	M	H	M	H	M	H	M	M
CO2	L	H	H	H	H	M	M	H	M	M	M	M	H
CO3	M	M	M	M	M	H	H	M	H	H	L	M	M
CO4	L	H	H	M	H	M	M	H	M	M	M	M	M
CO5	L	M	M	M	M	H	M	M	H	M	M	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. K. Kavitha	Dr. R. Mahadevi

Course Code	Title
23U4ACZ509	**Skill Based Paper - III (C) Statistical Package for Social Sciences – Practical**
Semester: V	**Credits: 3** **CIA: 30 Marks** **ESE: 45 Marks**

<table>
<tr><td colspan="2" align="center">(Common to B.Com CA/PA/ IT/Banking)</td></tr>
<tr><td>Course Objective</td><td>This Course provides a brief knowledge on SPSS</td></tr>
<tr><td>Course Category</td><td>Skill Development</td></tr>
<tr><td>Development Needs</td><td>Global</td></tr>
<tr><td>Course Description</td><td>Nurture skills on practical knowledge through SPSS.</td></tr>
</table>

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Use the basic Functions of SPSS	Flipped Classroom	Models
CO 2	Visualize Data through SPSS	Flipped Classroom	Demonstration
CO 3	Apply inferential statistics in SPSS	Video Lessons	Report
CO 4	Apply statistical Analysis	Flipped Classroom	Demonstration
CO 5	Nurture Skill of Analyst	Video Lessons	Models

Offered by	**Commerce**

Course Content	Instructional Hours / Week : 4

S. No.	Description
1	Prepare Simple Frequency and Chart
2	Prepare Chi-Square Analysis
3	Prepare Independent 't' Test
4	Prepare ANOVA
5	Prepare Correlation Analysis
6	Prepare Regression Analysis
7	Prepare Reliability Test
8	Prepare Factor Analysis
9	Prepare paired 't' Test

	Total Hours	**60**

Tools for Assessment (30 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	**5**	**5**	**5**	**5**	**5**	**30**

Mapping

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	H	H	M	H	M	M	M	M	M
CO2	L	M	H	M	H	H	L	H	H	H	H	H	H
CO3	M	L	H	L	H	H	M	H	H	M	L	M	M
CO4	M	M	H	M	H	H	M	M	H	H	M	H	M
CO5	L	M	H	M	H	M	M	H	M	H	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr.S.Balaji	Dr. R. Mahadevi

Course Code	Title		
23U3ACC617	**Core Paper – XVII Internet and Web Designing**		
Semester: VI	**Credits: 4**	**CIA : 25 Marks**	**ESE : 75 Marks**
(Common to B.Com CA/IT)			

Course Objective:	The course provides the student must know the concepts of Internet and design a web page	
Course Category:	Employability	
Development Needs:	Global	
Course Description:	The course focuses on comprehensive knowledge of the Internet and its applications along with TCP/IP protocols and also this course is intended to teach the basics involved in publishing content on the World Wide Web.	

	Course Outcomes	**Teaching Methods**	**Assessment Methods**
CO1	Knowledge on internet services, process and techniques used in world wide web	Brain Storming	Assignment
CO2	Outline the search engines with the usage of e-mail	Flipped Teaching	Online Quiz
CO3	Create a format and a stylish webpage	Team-Based Learning	Code Debugging
CO4	Create a hyperlink and table format for a web page	Active learning	Assignment
CO5	Embed audio and video with forms and frame settings in a web page	Project Based Learning	Mini Project

Course Offered: Commerce

Course Content		**Instructional Hours / Week : 6**

Unit	Description	Text Book	Chapters
I	Introduction to Internet - Internet Access / Dial-Up Connection – Internet Services‟ Features – TCP/IP Vs Shell Accounts – Configuring the Machine for TCP/IP Account – Configuring the Shell Account – Telnet – Changing the Password	1	1
	World Wide Web (WWW) - Web Page – Hyper Text – HTML Tags – Net Surfing - Internet/Web Browsing - Browser – Internet Addressing – IP Address – Domain Name – Electronic Mail – Uniform Resource Locator (URL) – Internet Protocols –TCP/IP – FTP – HTTP – Telnet – Gopher – WAIS.	2	2
	Instructional Hours		**18**
Suggested Learning Methods : Group Discussion			
II	Searching the Web – Web Index – Web Search Engine - Web Meta – Searcher – Search Functions – Search Engines–Meta Search Sites–Directories and Indexes Specialized Directories	1	3
	Electronic Mail (E-Mail) – E-Mail Message – Customizing E-Mail Programs – Managing Mails – Zen of E-mailing–Address Book–Signature Feature – File Attachment Facility – Setting priority – Advantages and Disadvantages of E-Mail.	1	4
	Instructional Hours		**18**
Suggested Learning Methods : Program Development			
III	Introduction to HTML – HTML Code for a Web Page – Web Page Basics – Set up a Web Page – Display a Web Page in a Web Browser - Start a New Paragraph –Start a New Line– Insert Blank Spaces – Heading – Pre-format Text – Comment – Special Characters – Format Text – Emphasize – Superscript and Subscript – Font Style and Size – Color – Margins – Mono Spaced Font – Block Quote	2	5
	Lists – Ordered List – Unordered List – Nested List – Definition List – Images – Add an Image – Background Image – Border – Wrap Text Around an Image– Aligning the Image–Horizontal Rule–Use Images in List – Convert an Image to GIF or JPEG	2	6

					Instructional Hours	**18**

Suggested Learning Methods : Mind Mapping			
IV	Links - Link to another Web Page – Link within a Web Page – Link to an Image – Link to a File – E-mail Link – Link to an FTP Site - Change Link Colors - Create Keyboard Shortcuts – Change the Tab Order	2	8
	Tables – Create a Table – Add a Border – Caption – Column Groups – Row Groups – Color – Background Images – Aligning Data – Size of a Table – Size of a Cell – Span Cells – Cell Spacing and Cell Padding – Borders – Text Wrapping – Nested Tables – Wrap Text around a Table.	2	9
	Instructional Hours		**18**
Suggested Learning Methods : Code Debugging			
V	Sounds and Videos – Link to a Sound – Sound Considerations – Embedded Sound – Extended Video – Video Considerations – Internal Video	2	10
	Introduction to Forms – Set up a Form – Text Box – Large Text Area – Check Boxes – Radio Buttons – Menu – Upload Files – Submit and Reset Button – Hidden Field – Organize Form Elements – Label From Elements.	2	11
	Introduction to Frames – Creating Frames – Frame Considerations – Provide Alternative Information – Link to a Frame - Scroll Bars – Resizing Frames – Frame Borders – Frame Margins – Nested Framesets – Inline Frame.	2	12
	Instructional Hours		**18**
Suggested Learning Methods : Mini Project			
	Total Hours		**90 Hrs**

Text Book(s)	1. Alexis Leon & Mathews Leon, **Internet for Everyone**, Leon Tech World, Chennai, 2012. 2. Goodman Danny, **Dynamic HTML**, SHROFF Publishers, 2007.
Reference Book(s)	1. Gosney John W & Thoson, **HTML BPB Publications**, 2004. 2. Mercer David, **HTML Complete**, BPB Publications, 1999.
Web URL	1.https://computerhindinotes.com/internet-and-web-designing-pgdca-2nd-sem-notes-in-hindi-new-syllabus/ 2.https://bcomcasnmv.files.wordpress.com/2020/01/internet-and-web-designing-study-material-unit-i-v-2015.pdf 3.https://www.mcu.ac.in/wp-content/uploads/2020/04/2PGDCA2-Unit-II-Internet-and-Web-Designing.pdf

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Mini Project	Total
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

PO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	H	H	H	M	M	H	M	M	M	M	L
CO2	H	H	M	M	M	M	M	M	H	H	H	M	L
CO3	H	M	H	H	H	L	M	M	H	H	M	M	M
CO4	M	H	M	M	M	L	L	H	H	H	M	H	M
CO5	M	H	H	M	H	M	M	M	H	H	M	H	M

Course Designed by	Verified by
Mr. V. Veerakumaran	Dr. R. Mahadevi

Course Code	Title		
23U3ACP618	**Core Paper – XVIII Web Designing Practical**		
Semester: VI	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
	(Common to B.Com CA/IT)		
Course Objective:	To enable the students to understand the conceptual knowledge in creating a web page.		
Course Category :	Skill Development		
Development Needs	Global		
Course Description:	The objective of this course is to provide you the conceptual and technological developments in the field of Internet and web designing. The course focuses on comprehensive knowledge of the Internet and its applications along with TCP/IP protocols which are widely deployed to provide Internet connectivity across the globe. Since the worldwide web has become an integral part of the Internet, therefore the focus of this course is also on basic concepts of web design.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	To define the knowledge in command prompt	Hands on Training	Models
CO 2	To demonstrate the procedure to use HTML tags	Video Lesson	Demonstration
CO 3	To interpret knowledge on web pages concept	Hands on Training	Report
CO 4	To illustrate small programs on basic concepts	Video Lesson	Demonstration
CO 5	To recognize the web tool usage	Hands on Training	Models

Offered by	**Commerce**	
Course Content		**Instructional Hours / Week: 4**

S. No.	Description
1	Create a Program using HTML to display the ordered list and unordered list of a Departmental Store.
2	Program to display Image and text using HTML tag for an advertisement of a Company Product.
3	Create a table to display list of products using HTML tag.
4	Create web pages for a business organization using HTML Frames.
5	Create a document using Formatting and alignment to display Sales Letter.
6	Create a Resume using HTML Tags.
7	Create a website of your department with minimum five links using HTML
8	Create a document using Form to support Local Processing of Order form.
9	Create a Form of the Customer Survey for the user to enter General name and address information.
10	Create a Frame to display a multiform document.
	Total Hours **60 Hrs**

Tools for Assessment (40 Marks)						
Test 1	**Test 2**	**Creative Thinking**	**Lab Performance**	**Report**	**Observation Note**	**Total**
8	**8**	**6**	**6**	**6**	**6**	**40**

Mapping												
CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	H	H	M	H	M	M	M	M	M
CO2	L	M	H	M	H	H	L	H	H	H	H	H	H
CO3	M	L	H	L	H	H	M	H	H	M	L	M	M
CO4	M	M	H	M	H	H	M	M	H	H	M	H	M
CO5	L	M	H	M	H	M	M	H	M	H	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Mr.V.Veera Kumaran	Dr. R. Mahadevi

Course Code	Course Title
23U3ACV619	**Core Paper XIX Project and Viva Voce**

Semester: VI	Credit:4	CIA: 40 Marks	ESE: 60 Marks

(Common to B.Com CA/PA/IT/Banking)

Instructional Hours: 90

Course Objective: The primary objective of project is to provide an opportunity to our students to make an intensive study of practical aspects of functional and technical areas of management viz., Marketing Management, Financial Management, Human Resource Management, Banking, Insurance and application of software in their domine areas. So on to sharpen their conceptual, analytical and problem-solving skills.

Project Period: The undergo their project work during the sixth semester and submit at the end of the semester

Guidelines

1. A Guide has been allotted to each student by the department. Student can select any topic in discussion with the supervisor. Students should maintain a work diary were in weekly work carried out has to be written. Guide should review the work every week and put his/her signature. The work diary along with project report should be submitted at the time of viva voce.

2. **CIA Marks Distribution** : A minimum of two reviews have to be done, one at the time finalizing the questionnaire/identifying the primary data and the second review at the time of commencement of report writing. They should be asked to present the work done to the respective guide in the two reviews. The guide will give the marks for CIA as per the norms stated below:

Review – I	10 Marks
Review – II	10 Marks
Review – III	10 Marks
Document Preparation and implementation	10 Marks
Total	**40 Marks**

3. **End Semester Examination**: The evaluation for the end semester examination should be as per the norms given below:

Record Work and presentation	40 Marks
Viva-Voce Examination	20 Marks
Total	**60 Marks**

4. **General Format for Project Report**

    The final stage of work consists of the

    1. Title Page

    2. Certificate by Institution

3. Acknowledgement

4. Declaration

5. Table of contents

6. List of table and charts

7. Bibliography

8. Abbreviation

9. Appendix

10. Questionnaire / Coding

5. **Template for Non – Computer Project:** The following structure of project work should be followed to maintain the uniformity in preparation and presentation

   a) **<u>Chapter 1 – Introduction:</u>** In this chapter Introduction about the project, historical background, Objectives, Hypothesis (if applicable), Statement of the problem, Research methodology and Chapter scheme.

   b) **<u>Chapter 2 - Literature Review: This</u>** chapter will provide information about studies done on the respective issue. This would assist students to undertake further study on same issue.

   c) **<u>Chapter 3 – Theoretical Aspects :</u>**The Theoretical aspects of the project

   d) **<u>Chapter 4 - Data Presentation and Data Analysis</u>** This chapter is the core part of the study. The analysis pertaining to collected data will be done by the students. The application of selected tools or techniques will be used to arrive at findings. In this table of information, presentation of graph etc can be should be provided by the students.

   e) **<u>Chapter 5- Conclusion</u>** In this unit of project work findings of work will be covered by the candidate and suggestion will be mentioned by the candidate to validate the objectives and hypotheses.

   If required more chapters of data analysis can be added.

6. **<u>Typing Instruction</u>**

   Paper: 8 ½ * 11 inches in size i.e A4 Size paper. Only one side of the sheet should be typed

   Margin: The left side margin should not be less than 11/2 inches (or 40mm) the right, top and Bottom Margin one inch (or 25mm)

   Font: <u>Times New Roman</u>, subject matter -<u>12 font size in running format</u>, Heading and Section headings should be capitalized – 14 font size.

Headings and Titles: Heading and Section headings should be **capitalized and centered– 14 font size with Bold.** Subdivision headings should be typed from **the left hand margin sentence case -12 font size with Bold.** Paragraphs should be indented seven space for pica type and nine for elite type **Tables, Graphs and Diagrams:** The table number (eg, TABLE 1.5) typed in capitals, should be separated from the text by two or three spaces. If an explanatory note to a time is necessary, an asterisk should be used. The note should be placed immediately below the table.

Line Spacing: The text of the thesis should be 1.5. Line spacing. Pagination: Pages of the text are numbered continuously in Arabic numerals.

Foot note: Footnote citation is indicated by placing an index number i.e. a superscript or numeral. The superscript numeral must appear at the top of the line both in the text and in a footnote. Footnote are single spaced, with double spacing between two consecutive citations. Footnote are numbered consecutively within each chapter or throughout the entire report.

Basic Format: Author's name, title of the work, Place of publication: Publisher's name, year, Page no (s). Note of punctuations. Page number to be preceded by "p" if single or "pp". If two or more pages. Title to be underlined. **For eg.** Drucker1 lays great stress on the concept of self-control. Control, according to him means "the ability to direct one-self and ones work" on the basis of the objective1

Bibliography: The format for bibliographical listing for books, reports, articles are same for footnote also. Books and articles can be arranged either chronological order or year wise.

For citing Books: Mann, R.S Social Change and Social Research, New Delhi: Concept Publishing Company, 1988, .27

Publication of Government and Public Organisation: Government of India, India 1986: A Reference Annual, New Delhi: Publication Division, 1987, p.127

Quoting from Secondary Sources: Gand, William. S., "Foreign Aid: What it is; how it works; why we provide it", Department of State Bulletin, 59, No.1537, 1958, quoted in Todaro, Michael p, Economic Development in the Third world, New York, Longman, 1981, p.40.

Citing Journal: Goel Ranjan, "Achievement through Human Engineering", Indian Management, 28, No.8, July, 1988, pp.14-16.

Citing Thesis or Dissertation: Pandey, Subrata, A study of organizational and Individual Characteristics in R & D Organisaitons, unpublished Ph. D Thesis, Bangalore: Indian Institute of Science, 1986.

For Citing Seminar Paper: Krishnaswami O.R., "Towards Excellence in Cooperative Management" (Paper Presented at a Seminar on "Excellence in Management, Cooperative Training College, Bangalore, July 1989)

Course designed by	Verified by
Dr.R.Mahadevi	Dr. R. Mahadevi

Course Code	Title		
23U3ACE604	**Discipline Specific Elective Paper – II (A) Business Finance**		
Semester: VI	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/Banking)			
Course Objective:	To enhance the students to understand financial concepts and its effective utilization in business		
Course Category:	Skill Development		
Development Needs:	National		
Course Description:	Business finance is the cornerstone of every organization. It refers to the corpus of funds and credit employed in a business. Business finance is required for purchasing assets, goods, raw materials and for performing all other economic activities.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Understand the concept of business finance	Lecture Method	Assignment
CO 2	Capacity to prepare the financial plans	Flipped Teaching	Poster Presentation
CO 3	Able to understand the sources of finance	Lecture Method	Assignment
CO 4	Construct optimum Capital Structure	Lecture Method	Poster Presentation
CO 5	Knowledge on Over capitalization and undercapitalization	Flipped Teaching	Seminar

Offered by	Commerce	
Course Content		**Instructional Hours / Week : 5**

Unit	Description	Text Book	Chapters
I	Business Finance: Introduction – Meaning – Concepts - Scope – Function of Finance Traditional and Modern Concepts – Contents of Modern Finance Functions	1	1
	Instructional Hours		**15**
Suggested Learning Methods: Group Discussion			
II	Financial Plan: Meaning - Concept – Objectives – Types – Steps – Significance – Fundamentals	1	2
	Instructional Hours		**15**
Suggested Learning Methods : Group Discussion			
III	Sources and Forms of Finance: Equity Shares, Preference Shares, Bonds, Debentures and Fixed Deposits – Features – Advantages and Disadvantages- Lease Financing: Meaning – Features – Forms – Merits and Demerits.	2	3
	Instructional Hours		**15**
Suggested Learning Methods : Peer Tutoring			

IV	Capital Structure – Cardinal Principles of Capital structure – Trading on Equity – Cost of Capital – Concept – Importance – Calculation of Individual and Composite Cost of Capital.	2	2

Instructional Hours	**15**

Suggested Learning Methods : Mind Mapping

V	Capitalisation - Bases of Capitalisation – Cost Theory – Earning Theory – Over Capitalisation – Under Capitalisation: Symptoms – Causes – Remedies – Watered Stock – Watered Stock Vs. Over Capitalisation	1	6

Instructional Hours	**15**

Suggested Learning Methods : Mind Mapping

Total Hours	**75**

Text Books :	1. R.M. Sri Vatsava, **Essentials of Business Finance** Himalaya Publishing House, New Delhi, 2013. 2. S.N. Maheswari, **Financial Management Principles and Practice**, Sultan Chand & Sons Educational Publishers, New Delhi, 2012
Reference Books :	1. I.M. Pandey, **Financial Management,** Vikas Publishing House Pvt. Ltd, 2015 2. M.Y. Khan and Jain, **Financial Management,** Tata Mcgraw Hill Publishing Company, 2009.
Web. URLs	1. https://www.fullertonindia.com/knowledge-center/business-finance.aspx

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping

CO\ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	M	H	M	L	H	M	H	M	H	M	M
CO2	M	H	M	H	M	M	H	M	H	M	M	M	H
CO3	M	M	H	M	L	H	M	M	M	M	L	M	M
CO4	H	H	M	H	M	M	H	M	H	H	M	M	M
CO5	M	M	M	M	H	L	M	M	H	M	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr D. Samundeeswari	Dr. R. Mahadevi

Course Code	Title		
23U3ACE605	**Discipline Specific Elective Paper – II (B) Entrepreneurial Development**		
Semester: VI	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			

Course Objective:	Students should be well versed in concepts of entrepreneur, knowledge on the financial institution, project report incentives and subsidies.
Course Category:	Skill Development
Development Needs:	National
Course Description:	Entrepreneurship development is a strategic process which incorporates various tools that concentrate on skill development of the individual in an array of ways.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Outline the basic concepts of Entrepreneurship	Lecture Method	Assignment
CO 2	Knowledge on project identification and appraisal	Flipped Teaching	Poster Presentation
CO 3	Explain the institutional support to entrepreneurs	Lecture Method	Assignment
CO 4	Classify the financial institutions for entrepreneurship	Lecture Method	Poster Presentation
CO 5	Understand the concepts of incentives and subsidies	Flipped Teaching	Seminar

Offered by	Commerce	

Course Content		Instructional Hours / Week : 5

Unit	Description	Text Book	Chapters
I	Concept of entrepreneurship: Definition Nature and characteristics – functions and types of entrepreneurships - phases of EDP –Women Entrepreneur – Rural Entrepreneur - Forms of Ownership Franchising – International entrepreneurship	1	1
	Instructional Hours		**15**

Suggested Learning Methods: Group Discussion

Unit	Description	Text Book	Chapters
II	The start-up process of Micro, Small and Medium industry: Project identification– project formulation evaluation – feasibility analysis – Project Appraisal - Project Report	1	4
	Instructional Hours		**15**

Suggested Learning Methods : Group Discussion

Unit	Description	Text Book	Chapters
III	Institutional Support to Entrepreneurs – DIC, SIDO, NSIC, SISI, SSIC, SIDCO – ITCOT, IIC, KVIC and commercial bank	1	3
	Instructional Hours		**15**

Suggested Learning Methods : Peer Tutoring

IV	Institutional finance to entrepreneurs : IFCI, SFC, IDBI, ICICI, TII, LIC and GIC, UTI, SIPCOT –SIDBI Commercial bank - venture capital - Sickness in Micro, Small and Medium Enterprises	1	2
	Instructional Hours		**15**

Suggested Learning Methods : Mind Mapping			
V	Incentives and subsidies – Subsidized services– subsidy for market. Transport – seed capital assistance - Taxation benefit to SSI role of entrepreneur in export promotion and import substitution – Cluster Development Programme	1	5
	Instructional Hours		**15**

Suggested Learning Methods : Mind Mapping		
	Total Hours	**75**

Text Books :	1. E.Gordan K. Natarajan, Entrepreneurship Development, 5th Edition, Himalaya Publishing House , 2015
Reference Books :	1. C.B.Gupta and N.P.Srinivasan, Entrepreneurial Development, 3rd Edition, Sultan Chand & Sons, 2014. 2. Vasant Desai, Dynamic of Entrepreneurial Development, 3th Edition, Himalaya Publishing House ,2018. 3. S. Sethurajan, Principles of Entrepreneurship Development, Speed Publishers, Coimbatore, 2005.
Web. URLs	1. https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_Entrepreneurial_Development_NOTES.pdf

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**TOTAL**
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping												
CO\ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	H	H	M	H	L	H	M	M	M	L	H	M	M
CO2	L	H	H	M	L	H	L	L	L	L	H	L	L
CO3	M	L	M	L	L	L	M	M	M	L	L	M	M
CO4	M	M	L	M	M	L	M	M	M	M	L	M	M
CO5	H	L	M	M	H	M	H	M	M	H	M	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. P. Shiney	Dr. R. Mahadevi

Course Code	Title		
23U3CCE606	Discipline Specific Elective Paper - II (C) Software Quality Assurance		
Semester: VI	Credits: 4	CIA: 25 Marks	ESE: 75 Marks
Course Objective:	To learn various metrics of software quality and to acquire knowledge on software quality Management.		
Course Category:	Employability		
Development Needs:	Regional		
Course Description:	The course looks at software quality control and assurance processes and practices, as well as support disciplines such as software project management, software configuration management and release management.		

Course Outcomes		Teaching Methods	Assessment Methods
CO1	Define the concept of Software quality	Flipped Teaching	Assignment
CO2	Evaluate software metrics results.	Class Discussion	Seminar
CO3	Analyze different approaches to software quality assurance	Team-Based Learning	Snap talk
CO4	Apply software quality assurance knowledge in practice	Active learning	Assignment
CO5	Develop competencies for dealing with quality measure	Digital Learning	Poster Making

Offered by		Commerce	

Course Content		Instructional Hours / Week : 5	

Unit	Description	Text Book	Chapters
I	Introduction to Quality: Introduction-History of Quality Assurance-Quality in the Current Business Scenario-Models and frameworks of Quality.	1	1
	Software Process-Models and Frameworks: Contributors to software quality-models affecting software quality-software development process models-quality standards and guidelines-software process capability improvement models.	1	2
	Instructional Hours		**15**
Suggested Learning Methods : Group Discussion			
II	Software process-Detailed view: Need of software process- Process structure and definition-process classification-process frameworks-process automation-process validation and improvement	1	3
	Software Metrics: Arts and Science of Software projects- Measures and metrics-metrics across the project lifecycle- metrics establishment program-information flow in software projects-metrics presentation for decision making-metrics management challenges.	1	4
	Instructional Hours		**15**
Suggested Learning Methods : Poster Making			
III	Project types and delivered quality: The outsourcing Innuendo - Application Support and maintenance projects - ERP Implementation projects-product development lifecycle	1	5
	Instructional Hours		**15**
Suggested Learning Methods : Group Discussion			

IV	Quality and project Management: Project-Meaning and Scope- Project Management Process-Project and Organization-The QUALITY Link-Project Variables-Learning and sharing- Managing Project Risk.	1	6
	Instructional Hours		**15**

Suggested Learning Methods : PPT & Discussion

V	Quality Development-System and Methods: Need to standardize-Conglomerate of best practices - Medals Dilemma- Business Growth and Patterns of QMS-Sustenance of QMS- Impact of Training and Process Interventions in Deployment- Branding of Methodologies-Quality System and Managing Uncertainty-QMS-Tools and Automation	1	7
	Instructional Hours		**15**

Suggested Learning Methods : Peer tutoring

	Total Hours	**75**
Text Book(s)	1. Kamna Malik, Praveen Choudhary "Software Quality", Tata McGraw Hill, New Delhi.2008.	
Reference Book(s)	1. Gordon G Schulmeyer, "Handbook of Software Quality Assurance", Third Edition, Artech House Publishers 2007. 2. Nina S Godbole, "Software Quality Assurance: Principles and Practice", Alpha Science International, Ltd, 2004.	
Web URL	1. https://www.javatpoint.com/software-quality-assurance 2. https://www.softwaretestinghelp.com/software-quality-assurance/ 3. https://www.trio.dev/blog/software-quality-assurance	

Tools for Assessment (25 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster making	Total
5	5	6	3	3	3	25

Mapping

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

Course Designed by	Verified by
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title		
23U3ACE607	**Discipline Specific Elective Paper – III (A) Investment Management**		
Semester: VI	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
(Common to B.Com CA/PA/IT/Banking)			
Course Objective:	To enhance the students acquire knowledge on the theory and practice of security analysis and investment decision making process.		
Course Category:	Skill Development		
Development Needs:	National		
Course Description:	Investment management is the professional asset management of various securities, including shareholdings, bonds, and other assets, such as real estate, to meet specified investment goals.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Able to identify various investment avenues	Lecture Method	Assignment
CO 2	Classify the capital market functions	Flipped Teaching	Poster Presentation
CO 3	Infer different investment analysis	Lecture Method	Assignment
CO 4	Capacity to construct Portfolio analysis	Lecture Method	Poster Presentation
CO 5	Outline Financial derivatives	Flipped Teaching	Seminar

Offered by	Commerce		

Course Content			Instructional Hours / Week : 5	
Unit	**Description**		**Text Book**	**Chapters**
I	Investment – Introduction, Features of an Investment programme, Risk of Investment, Finance Vs Investment -Investment & Speculation, Gambling, Importance of Investment, Factors Favourable for Investment-Investment alternatives: Bonds, Shares, Government Securities, Life Insurance, Gold & Silver.		1 2 1	1 1 7,8
		Instructional Hours		**15**
Suggested Learning Methods: Group Discussion				
II	Primary Market – Role of New Issue Market, Methods of floating new issues-Secondary market – functions, Bombay Stock Exchange, National Stock Exchange – trading practices, security market indicators- Analysis in Investment Decision: Systematic & Unsystematic Risk – Return-Role of SEBI		1 2 2	3 3 6
		Instructional Hours		**15**
Suggested Learning Methods: Group Discussion				
III	Fundamental Analysis – Economic Analysis, Industry Analysis, Company Analysis -Technical Analysis – assumptions, Dow theory, charts & Signals, technical indicators-Efficient Theory – weak, semi – strong & strong form of efficient market		2 2 1	12 13 22
		Instructional Hours		**15**
Suggested Learning Methods: Peer Tutoring				
IV	Portfolio Analysis - Markowitz Portfolio Theory, Efficient frontier, Sharpe ideal index, CAPM - Portfolio Investment process – planning, implementation, portfolio monitoring, objectives, constraints, types & needs.		2 1	15 19
		Instructional Hours		**15**
Suggested Learning Methods: Mind Mapping				
V	Financial Derivatives – Recent development in global financial derivative market – derivatives market in India, trading mechanism –Futures, Options, Futures Vs Options, Swaps- Types.		1 2	32 19
		Instructional Hours		**15**

Suggested Learning Methods: Mind Mapping		

		Total	**75 Hrs**

Text Books :	1. Bhalla V. K, **Investment Management - Security Analysis & Portfolio Management,** S. Chand & Company Ltd, New Delhi, 15th Edition,2009. 2. Preethi Singh, **Investment Management - Security Analysis & Portfolio Management**, Himalaya Publishing House, Mumbai, 14th Edition, 2006.
Reference Books :	1. Prassnna Chandra, **Investment Analysis & Portfolio Management**, Tata McGraw Hill Publishing Company, New Delhi, 3rd Edition, 2008. 2. William. F. Sharpe, Gorden J. Alexander Jeffery, V. Bailey, **Investments,** Prentice Hall of India Pvt. Ltd., 2007.
Web. URLs	1. https://www.sebi.gov.in/department/investment-management-department-9/overview.html

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**Total**
5	**5**	**6**	**3**	**3**	**3**	**25**

Mapping													
CO\ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	H	H	M	H	L	H	M	M	M	L	H	M	M
CO2	L	H	H	M	L	H	L	L	L	L	H	L	L
CO3	M	L	M	L	L	L	M	M	M	L	L	M	M
CO4	M	M	L	M	M	L	M	M	M	M	L	M	M
CO5	H	L	M	M	H	M	H	M	M	H	M	H	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. S. Shanthi	Dr. R. Mahadevi

Course Code	Title
23U3ACE608	**Discipline Specific Elective Paper – III (B) Financial Markets**
Semester: VI	**Credits: 4**	**CIA: 25 Marks**	**ESE: 75 Marks**
Course Objective:	To enable the students to know functioning of Indian Financial Markets
Course Category:	Employability
Development Needs:	Regional
Course Description:	This course aims to develop students understanding of the basic principles of financial markets and provides an introduction how assets are valued and traded in those markets. The course considers stock market prices and returns; stock market risk and the influence of risk on the pricing of shares.

Course Outcomes		Teaching Methods	Assessment Methods
CO1	Understand the structure and functions of Indian financial markets	Flipped Teaching	Assignment
CO2	Summarize the role and functions of merchant banking	Class Discussion	Seminar
CO3	Able to know the regulatory framework & Indian securities market	Team-Based Learning	Snap talk
CO4	Classify the financial intermediaries	Active learning	Assignment
CO5	Outline the new modes of financial markets	Digital Learning	Poster Making

Offered by	Commerce	

Course Content		Instructional Hours / Week : 5

Unit	Description	Text Book	Chapters
I	Financial Markets- Structure of Financial Markets – Financial Investment- Money Market in India-Indian Capital Markets.	1	1
	Difference between Money Market and Capital Market- Classification and objective of Indian Money and market structure of Capital Market – Indian Financial System.	1	2
	Instructional Hours		**15**
	Suggested Learning Methods : Group Discussion		
II	Markets for Corporate Securities – New Issue Markets– Functions - issue Mechanism.	1	3
	Merchant Banking – Role and Functions of Merchant Banking in India	1	9
	Instructional Hours		**15**
	Suggested Learning Methods : Poster Making		
III	Secondary Market – Stock Exchange – Role of Secondary Market – Trading in Stock Exchange – Various Speculative Transactions- Role of SEBI- Regulation of Stock Exchange	1	4
	Instructional Hours		**15**
	Suggested Learning Methods : Group Discussion		
IV	Banks as a Financial Intermediaries – Commercial Banks Role in Financing – IDBI- IFCI- LIC- GIC	2	34
	Mutual Funds and Investment Companies	1	13
	Instructional Hours		**15**
Suggested Learning Methods : PPT & Discussion			

V	New Modes of Financing–Leasing as Sources of Financing- forms of Leasing	1	11
	Venture Capital – dimension Functions – Venture Capital in India	1	12
	Factoring – Types – Modus Operations of Factoring – Factoring as Source of Finance	1	14
	Instructional Hours		**15**

Suggested Learning Methods : Peer tutoring		
	Total Hours	**75**

Text Book(s)	1. Gordon E., and Natarajan K, **Financial Markets and Services**, Himalaya Publishing House, New Delhi. 2014. 2. Gurusamy. S, **Financial Markets and institutions**, Tata McGraw Hill, New Delhi, 2014.
Reference Book(s)	1. Bhole. L. M, Financial Markets and Institutions, Tata McGraw Hill, New Delhi, 2014. 2. Varshney. P.N, Indian Financial System, Sulthan Chand& Sons, New Delhi, 2013. 3. Khan. M.Y, Indian Financial System, Tata McGraw Hill, New Delhi, 2014.
Web URL	1. https://corporatefinanceinstitute.com/resources/capital-markets/financial-markets/ 2. https://in.coursera.org/learn/financial-markets-global 3. https://byjus.com/commerce/what-is-financial-market/

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster making**	**Total**
5	5	6	3	3	3	25

Mapping						

CO \ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	M	H	M	H	H	M	H	H	M	H	M	H
CO2	H	H	L	H	H	L	H	H	H	H	L	H	H
CO3	H	H	M	H	L	M	H	L	H	H	M	H	L
CO4	H	M	H	M	M	H	M	M	H	M	H	M	M
CO5	M	H	H	L	M	H	L	M	M	H	H	L	M

Course Designed by	Verified by
Dr.R.Mahadevi	Dr. R. Mahadevi

B.Com. Computer Applications

Course Code	Title		
23U3CCE609	**Discipline Specific Elective Paper – III (C) Paper – XVII E-Commerce**		
Semester: VI	**Credits: 4**	**CIA : 25 Marks**	**ESE : 75 Marks**
Course Objective:	Enhance the students to acquire knowledge and techniques in the field of E-Commerce		
Course Category:	Employability		
Development Needs:	Global		
Course Description:	Focuses on the three major driving forces that permeate all aspects of e-commerce: business development and strategy, technological innovations, and social and legal issues and impacts		

	Course Outcomes	Teaching Methods	Assessment Methods
CO1	Knowledge on the basic concepts of e-business	Brain Storming	Assignment
CO2	Automate the business on internet	Micro Class	Seminar
CO3	Implement security features and navigations over internet	Team-Based Learning	Snap talk
CO4	Digitize banking transactions	Active learning	Assignment
CO5	Grasp the knowledge of e-commerce software in business	Digital Learning	Poster Making

Offered by		Commerce	

Course Content			Instructional Hours / Week :5	

Unit	Description	Text Book	Chapters
I	E-Commerce - Framework-Classification of electronic commerce - Anatomy of E-Commerce Applications	1	1
	Components of the I way - Network Access Equipment – Internet Terminology	1	2
	Instructional Hours		**15**

Suggested Learning Methods : Group Discussion

Unit	Description	Text Book	Chapters
II	Electronic Data Interchange – Benefits –EDI, Legal, Security & privacy issues - EDI software implementation	1	3
	Value added networks – Internal Information Systems – Work flow atomization and Coordination - Customization and Internal Commerce.	1	4
	Instructional Hours		**15**

Suggested Learning Methods : Poster Making

Unit	Description	Text Book	Chapters
III	Network security and firewalls - Client Server Network Security - Emerging client server security Threats - Firewalls and network security- Data and message security - Encrypted documents and electronic mail	1	5
	Hypertext publishing - Technology behind the web - Security and the web.	1	6

			Instructional Hours	15

Suggested Learning Methods : Group Discussion				
IV	Payment cards – Electronic cash – Electronic Wallets – Stored value cards – Internet technologies & banking Industries.	2	7	
	Planning Electronic commerce initiatives – managing electronic commerce implementation	2	8	

			Instructional Hours	15

Suggested Learning Methods : PPT & Discussion				
V	Web server basics – software for web servers – web Server hardware	2	9	
	Advanced functions of electronic commerce software – E- commerce software for large business.	2	10	

			Instructional Hours	15

Suggested Learning Methods : Peer Tutoring				

			Total Hours	75

Text Book(s)	1. Ravi Kalakota& Andrew B.Whinston, **Frontiers of Electronic Commerce**, Dorling Kindersley (India) Pvt. Ltd, 2006. 2. Gary. P Schneider, **Electronic Commerce**, 7th edition, Thomson Publication, 2007.
Reference Book(s)	1.Bharat Bhasker, **Electronic Commerce**, Tata McGraw Hill Publishing Co Ltd, New Delhi, 2006. 2.Daniel Minoli, Emma Minoli, **Web Commerce Technology Handbook**, Tata McGraw Hill Publishing, New Delhi.
Web URL	https://in.coursera.org/courses?query=e-commerce

Tools for Assessment (25 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster making**	**Total**
5	5	6	3	3	3	25

Mapping

PO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	H	H	M	H	M	M	H	M	M	M	M	L
CO2	H	H	H	M	M	M	M	M	H	H	H	M	L
CO3	H	M	H	M	H	L	M	M	H	H	M	M	M
CO4	M	H	H	M	M	L	L	H	H	H	M	H	M
CO5	M	H	H	M	H	M	M	M	H	H	M	H	M

Course Designed by	**Verified by**
Ms. M. Jayakeerthi	Dr. R. Mahadevi

Course Code	Title		
23U4ACS610	Skill Based Paper – IV (A) Cyber Security and Law		
Semester: VI	Credits: 3	CIA: 20 Marks	ESE: 55 Marks
(Common to B.Com CA/PA/IT/Banking)			
Course Objective:	To enable the student should have a thorough knowledge on the basic concepts which lead to the formation and execution of electronic contracts.		
Course Category:	Employability		
Development Needs:	National		
Course Description:	Cyber Law is a specialisation in the field of law which looks into and rectifies legal issues related to the World Wide Web. Aspirants opting to specialise in the field of Cyber Law need to deal with criminal activities such as fraud, theft, forgery, and defamation conducted on the internet.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Define the concept of cyber law.	Lecture Method	Assignment
CO 2	Develop competencies for dealing with frauds and deceptions via internet.	Flipped Teaching	Poster Presentation
CO 3	Explain the legal and policy developments to regulate cyber space.	Lecture Method	Assignment
CO 4	Examine In-depth knowledge on ITA, rights to privacy data security and data protection and EDI.	Lecture Method	Poster Presentation
CO 5	Awareness on Civil, Criminal Offences under Information Technology Act, 2020.	Flipped Teaching	Seminar

Offered by	Commerce		

Course Content		Instructional Hours / Week: 4	
Unit	**Description**	**Text Book**	**Chapters**
I	Cyber Law: Introduction – Significance of Cyber Law – Concept of Cyberspace - Cyber Law Governance – E-Commerce in India – Privacy factors in E- Commerce – Cyberlaw in E-Commerce – Essentials of online Contract	1	1
	Instructional Hours		**12**
Suggested Learning Methods: Group Discussion			
II	Data Security Aspects: Introduction-Technical aspects of Encryption – Public key Infrastructure – Digital Signature Certificates – Cyber security issues in India – Intellectual Property Aspects: Intellectual Property rights and laws – Objective of Intellectual Property Law firms – WIPO – GII – ECMS – Indian Copy rights act on soft propriety works - Indian Patents act on soft propriety works.	1	3
	Instructional Hours		**12**
Suggested Learning Methods: Group Discussion			
III	Criminal aspect: Computer Crime Meaning -Factors influencing Computer Crime- Strategy for prevention of computer crime- Cases of cyber - crimes. Evidence Aspects: Evidence as part of the law of procedures – Applicability of the law of Evidence on Electronic Records – Indian Penal Code (Amendment) Act, 2020. The Indian Evidence Act 2020.	1	5
	Instructional Hours		**12**
Suggested Learning Methods: Peer Tutoring			

IV	Global Trends: Introduction of Electronic Data Interchange Electronic Data Interchange Document Standard– Legal framework of Electronic Data Interchange- EDI Mechanism-Electronic Data, Interchange Scenario in India	1	6
		Instructional Hours	**12**

Suggested Learning Methods: Mind Mapping	

V	The Information Technology Act 2020 – Definitions- Authentication of Electronic Records Electronic Governance- Civil and Criminal Offenses under The Information Technology Act 2020	1	7
		Instructional Hours	**12**

Suggested Learning Methods: Mind Mapping	
	Total Hours **60 Hrs**

Text Books:	1.Dr. Kirubashini – P. Kavitha, Cyber Law, Nandhini Pathippagam, Coimbatore,2012.
Reference Books:	1. Suresh T.Viswanathan, The Indian Cyber Law, Bharat Law House, NewDelhi, 2010. 2. Harish Chander, Cyber Law & IT Protection, PHI Publications, 2012. 3. PavanDuggal, Cyber Law, Universal Publishers, 2016.
Web. URLs	1. Importance of Cyber Law in India (legalserviceindia.com)

Tools for Assessment (20 Marks)						
CIA I	**CIA II**	**CIA III**	**Assignment**	**Seminar**	**Poster Making**	**TOTAL**
4	**4**	**5**	**2**	**2**	**3**	**20**

Mapping												
CO\ PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	H	H	M	H	L	H	M	M	M	L	H	M	M
CO2	L	H	H	M	L	H	L	L	L	L	H	L	L
CO3	M	L	M	L	L	L	M	M	M	L	L	M	M
CO4	M	M	L	M	M	L	M	M	M	M	L	M	M
CO5	H	L	M	M	H	M	H	M	M	H	M	H	M

H-High; M-Medium; L-Low

Course designed by	**Verified by**
Ms. Mohanapriya	Dr. R. Mahadevi

B.Com CA/PA/IT/Banking

Course Code	Title
23U4ACZ611	Skill Based Paper–IV (B) Instrumental Enhancement in Banking - Practical
Semester: VI	Credits: 3 CIA: 30 Marks ESE: 45 Marks

(Common to B.Com./CA/PA/IT/Banking)

Course Objective:	To expose the students to the gain practical exposure on Commerce instruments such as invoices, shares, negotiable instruments etc.
Course Category:	Skill Development
Development Needs:	National
Course Description:	Instrumental Enhancement in Banking concerned with hands on training on filling up of various forms in bank.

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Provide practical exposure of bank instruments	Flipped Classroom	Creative Thinking
CO 2	Ability to know about demand draft, credit and debit card, loan application set c	Flipped Classroom	Lab Performance
CO 3	Acquire practical knowledge on shares transfer	Video Lessons	Report
CO 4	Ability to deal with RTGS and NEFT	Flipped Classroom	Observation Note
CO 5	Awareness on Gateway of Payment	Video Lessons	Report

Offered by	Commerce

Course Content	Instructional Hours / Week: 4

Sl. No	List of Programs (10 Programs) Computer Lab
1	Filling up Savings Bank Application Form
2	Filling up Pay in Slip for Deposits
3	Filling up Withdrawal Slip
4	Filling up Challan for taking Demand Draft
5	Filling up Fixed Deposits and Recurring Deposit Forms
6	Filling up Jewel Loan Application Form
7	Filling up Personal Loan Application Form
8	Filling up Educational Loan Application Form
9	Feasibility Report to obtain Loan from Bank for starting New Business
10	Filling up Application Form for Getting Working Capital Finance
11	Significance of Debit and Credit Cards
12	Filling up Application Form for Opening Online Account
13	Filling up Share Application Form Share Transfer Application Form
14	Filling on RTGS and NEFT forms

	Total Hours	60 Hrs

Tools for Assessment (30 Marks)

Creative Thinking	Lab Performance	Report	Test 1	Test 2	Observation Note	Total
5	5	5	5	5	5	30

Mapping

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	H	M	H	H	M	H	M	M	M	M	M
CO2	L	M	H	M	H	H	L	H	H	H	H	H	H
CO3	M	L	H	L	H	H	M	H	H	M	L	M	M
CO4	M	M	H	M	H	H	M	H	M	H	M	H	M
CO5	L	M	H	M	H	M	M	H	M	H	M	M	H

H-High; M-Medium; L-Low

Course designed by	Verified by
Ms. Vrindha. A	Dr. R. Mahadevi

Course Code	Title		
23U4ACS612	**Skill Based Paper – IV (C) Principles of Auditing**		
Semester: VI	**Credits: 3**	**CIA: 20 Marks**	**ESE: 55 Marks**
(Common to B.Com. CA/Banking)			
Course Objective:	To familiarize the students with the Principles of Auditing and to create an interest in the minds of students towards Auditing Profession		
Course Category:	Employability		
Development Needs:	National		
Course Description:	Auditing depends on a set of principles to make them effective and reliable tools in supporting management controls and policies. Principles of Auditing provide information for organisations to act and improve their performance in business.		

Course Outcomes		Teaching Methods	Assessment Methods
CO 1	Explain the fundamental concept of Auditing	Lecture Method	Assignment
CO 2	Take part in Vouching various transactions	Flipped Teaching	Poster Presentation
CO 3	Ability to do Verification and Valuation of Assets and Liabilities	Lecture Method	Assignment
CO 4	Outline the Auditor's Duties and Liabilities	Lecture Method	Poster Presentation
CO 5	Knowledge on Investigation and Electronic Auditing	Flipped Teaching	Seminar

Offered by	**Commerce**	
Course Content		**Instructional Hours / Week: 4**

Unit	Description	Text Book	Chapters
I	Auditing– Origin – Definition – Objectives – Types – Advantages and Limitations – Qualities of an Auditor	1	1, 4
	Instructional Hours		**12**
Suggested Learning Methods: Group Discussion			
II	Internal Control – Elements of Internal Control - Internal Check and Internal Audit, Audit note book – Working papers – Vouching – Voucher – Vouching of Cash Book – Vouching of Trading Transactions – Vouching of Impersonal Ledger	1	14, 16, 17, 18
	Instructional Hours		**12**
Suggested Learning Methods: Group Discussion			
III	Verification and Valuation of Assets and Liabilities – Auditor's position regarding the valuation and verifications of Assets and Liabilities – Depreciation– Reserves – Provisions– Secret Reserves	1	19, 20, 21
	Instructional Hours		**12**
Suggested Learning Methods: Peer Tutoring			
IV	Audit of Joint Stock Companies – Qualification – Dis- qualifications – Various modes of Appointment of Company Auditor – Rights and Duties – Liabilities of a Company Auditor - Share Capital and Share Transfer Audit – Audit Report – Contents and Types	1	22, 24
	Instructional Hours		**12**
Suggested Learning Methods: Mind Mapping			
V	Investigation – Objectives of Investigation – Audit of Computerized Accounts – Electronic Auditing – Investigation under the provisions of Companies Act	1	34
	Instructional Hours		**12**
Suggested Learning Methods: Mind Mapping			

		Total	60 Hrs
Text Books :	1. B. N. Tandon, S. Sudharsanam, S. Sundarabahu, Practical Auditing, S. Chand & Company Ltd,2013.		
Reference Books :	1. Kamal Gupta & Ashok Arora, Fundamentals of Auditing, Tata Mchraw- Hill Publications, New Delhi,2004. 2. Ravinder Kumar &Virender Sharma, Auditing: Principles and Practice, PHI Publishers, 2015. 3. Dingar Pagar, Auditing, S. Chand& Co., New Delhi,2015.		
Web. URLs	1. Principles of Auditing, Meaning, Fundamental Principles, Features, Advantages, and Disadvantages. (byjus.com)		

Tools for Assessment (20 Marks)

CIA I	CIA II	CIA III	Assignment	Seminar	Poster Making	TOTAL
4	4	5	2	2	3	20

Mapping

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H	L	L	H	H	H	L	M	M	H	H	H
CO2	H	M	H	M	H	M	M	M	L	M	M	H	M
CO3	M	H	M	H	M	H	M	H	M	M	H	M	H
CO4	H	M	H	M	H	M	H	M	M	M	M	H	M
CO5	M	M	M	M	M	M	M	L	H	M	H	M	M

H-High; M-Medium; L-Low

Course designed by	Verified by
Dr. K. Rajaraeswari	Dr. R. Mahadevi

Course Code	Title
22U4AC3ED1	**Extra Departmental Course – I Fundamentals of Accounting**

Semester : III	Credits : 2	ESE : 50 Marks

Course Objective:	To enable the students to understand the concepts and conventions of basic accounts
Course Category:	Employability
Development Needs:	Global
Course Description:	Able to Calculate the Financial statement analysis of the Company.

	Course Outcomes		Teaching Methods	Assessment Methods
CO1	Acquire basic accounting concepts		Problem Solving Method	Work Sheet
CO2	Knowledge on fundamentals of accounting		Near Pod	Assignment
CO3	Enable to record financial information		Problem Solving Method	Assignment
CO4	Ability to prepare final accounts		Cue Think	Work Sheet
CO5	Awareness about non- profit organization accounts		Problem Solving Method	Work Sheet

Course Content	Instructional Hours / Week : 2

Unit	Description	Text Book	Chapters
I	Introduction to Accounting - Meaning, definition, Scope and objectives – Branches of Accounting -Bookkeeping and Accounting - Accounting concepts –Principles and Conventions – Classification of accounts.	2	1 & 2
	Instructional Hours		**6**
Suggested Learning Methods : Group Discussion			
II	Journal – Posting of ledgers, Balancing of ledger accounts	1	6
	Instructional Hours		**6**
Suggested Learning Methods : Mind Mapping			
III	Preparation of subsidiary books - Trial Balance – Bank Reconciliation Statement.	1	3, 9
	Instructional Hours		**6**
Suggested Learning Methods : Mind Mapping			
IV	Preparation of Final Accounts of Sole trader with simple adjustments.	2	5
	Instructional Hours		**6**
Suggested Learning Methods :			
V	Receipts and Payments Account - Income and Expenditure Account	2	26
	Instructional Hours		**6**
Suggested Learning Methods : Flipped Class			
	Total Hours		**30**

Text Book(s)	1. K.L.Nagarajan, N.Vinayakam, P.L.Mani, Principles of Accountancy, S Chand Publications, 2013.
Reference Book(s)	1. S.P. Jain & K.L.Narang, Financial Accounting, Kalyani Publishers, 2008.
Web URL	https://www.investopedia.com/terms/a/accounting-convention.asp

Course Designed by	Verified by
Ms.R.Ramya	Dr. R. Mahadevi

Course Code	Title	
22U4AC3ED2	**Extra Departmental Course–II Modern Banking**	
Semester: III	**Credits :2**	**ESE:50Marks**
Course Objective:	To gain basic knowledge in the field of banking.	
Course Category:	National	
Development Needs:	Skill Development	
Course Description:	The course provides an integrated overview of both theoretical and practical issues related to the modern banking business.	

	Course Outcomes	Teaching Methods	Assessment Methods
CO1	Define the basic banking concepts	Flipped Teaching	Assignment
CO2	List the central banking functions	Class Discussion	Seminar
CO3	Explain the features of ATM	Team-Based Learning	Snap talk
CO4	Make use of mobile banking services	Active learning	Assignment
CO5	Infer-banking services and its risks	Digital Learning	Poster Making

Course Content		Instructional Hours / Week : 2	

Unit	Description	Text Book	Chapters
I	Banking – Definition – Classification of Banks Banking System	1	6
	Functions of Commercial Banks		
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

Unit	Description	Text Book	Chapters
II	Central Bank– Functions –Credit control measures	2	5
	Role of RBI in Regulatory and Controlling Banks.	2	3
	Instructional Hours		**6**

Suggested Learning Methods : Poster Making

Unit	Description	Text Book	Chapters
III	ATM – Features – Mechanism – Benefits – Shared ATM Network in India –Electronic Funds Transfer System-RTGS –Debit Card–Credit Card–IMPS –NEFT.	2	7
	Instructional Hours		**6**

Suggested Learning Methods : Group Discussion

Unit	Description	Text Book	Chapters
IV	Mobile Banking– meaning–Services –Security issues– Telephone Banking – Mechanism – Telephone Banking system– Call centers	2	9
	Instructional Hours		**6**

Suggested Learning Methods : PPT & Discussion

Unit	Description	Text Book	Chapters
V	E-Banking– meaning–Benefits–Risk management For E-Banking	2	11
	Internet Banking–Mechanics of Internet Banking– Drawbacks of Internet Baking	2	15
	Instructional Hours		**6**

Suggested Learning Methods : Peer tutoring

	Total Hours	30

Text Book(s)	1. Natarajan.S & Parameswaran R, Indian Banking, S.Chand&CompanyLtd.,2004. 2. Gorden & Natarajan, Financial Markets & Services, Himalaya Publishing House,2007.

Reference Book(s)	1. Gorden & Natarajan, Banking Theory Law & Practice, Himalaya Publishing House,2007. 2. Gurusamy.S, Banking Theory Law & Practice, McGraw Hill Education India Pvt.Ltd.2008. 3. Varshney P.N, Banking Theory Law & Practice, Sultan Chand & Sons, New Delhi,2015. 4. Shekar & shekar, Banking Theory Law & Practice, Vikas Publishing house Pvt.Ltd, New Delhi, 2014.
Web Url	http://www.untag-smd.ac.id/files/Perpustakaan_Digital_1/BANK%20AND%20BANKING%20Modern_Banking.pdf

Course Designed by	Verified by
Dr.M.Priya	Dr. R. Mahadevi

22UACSS01	Self Study Paper - I Capital Market Operations	
Semester: II to V	**Credit: 2**	**ESE: 50 Marks**

(Common to B.Com CA / B.Com PA / B.Com IT/ B.Com Banking)

Course Objective:

To enhance the students get the investment knowledge about to various investment schemes

Course Outcomes:

CO1	Understand the Concept of investment
CO2	Ability to identify the various investment schemes
CO3	Knowledge on various bank deposits
CO4	Able to calculate bank interest rate
CO5	To understand the mutual funds

Offered by: Commerce

Course Content   **Instructional Hours / Week: Nil**

Unit	Description
I	Capital Market: Need and importance–Structure –Primary and Secondary market
II	New Issue Market Functions –Methods of Issue.
III	Stock Market - Functions of Stock Exchanges.
IV	Listing of Securities NSE –Procedures-Advantages of Listing –Screen Based Trading Settlement–Depository –Advantages-Depository Participants (DP)-Demat Accounts
V	SEBI –Functions of SEBI-Investors' protection in primary market

Reference Book(s):

1: V.A. Avadhani, **Indian Capital Market**, Himalaya Publishing House, Mumbai.2015.

2. Dr. Gurusamy, **Financial Markets and Institutions**, Tata Mc Grew Hill, 2010.

3. Dr. Radha, **Financial Services**, Prasanna & Co., 2009.

4. Preeti Singh, **Investment Management**, Himalaya Publishing House, Mumbai, 2009.

5. Punidhavadhi Pandiyan, **Security Analysis and Portfolio Management**, Vikas Publishing House, 2009.

Course Designed by	Verified by HOD
Dr. R. Mahadevi	Dr. R. Mahadevi

22UACSS02	Self Study Paper -II Personal Investment Management	
Semester: II to V	Credit: 2	ESE: 50 Marks

(Common to B.Com CA / B.Com PA / B.Com IT/ B.Com Banking)

Course Objective

To enhance the students get theinvestment knowledge about to various investment schemes

Course Outcomes:

CO1	Understand the Concept of investment
CO2	Ability to identify the various investment schemes
CO3	Knowledge on various bank deposits
CO4	Able to calculate bank interest rate
CO5	To understand the mutual funds

Offered by: Commerce

Course Content   **Instructional Hours / Week: Nil**

Unit	Description
I	Investment: Objectives of Investment-Principles-Types-Calculation of simple interest-Compound Interest.
II	Bank Deposit: Types-Features-Advantages-Fixed Deposit-Savings Bank Account-Recurring deposit-Current Account.
III	Post Office Investments and Company Bonds and Deposits Post office investments-NSC, POTD, POSB, PPF, Features-Advantages-Company Debentures/Bonds-Company Fixed Deposit-Types-Features-Advantages.
IV	Securities Market Securities market-Primary Market-IPO-Book Building-Secondary Market-Stock Exchanges-Functions-Trading in Stock Exchanges-Advantages of investing in shares.
V	Mutual Funds Features of Mutual Funds investments –Types-Advantages.

Reference Book(s):

1. S. Gurusamy, **Banking Theory and Law Practice**, Vijay Nicole, 2006.
2. Bhalla .V.K **Investment Management**, S.Chand &Co.New Delhi, 2009.
3. Preethi Singh, **Investment Management**, Himalaya Publications, 2009.
4. Gopalakrishnan, **Investment Management**, Kalyani Publishers, New Delhi. 2008.

Web Reference(s):

1. www.nseindia.com
2. www.bseindia.com

Course Designed by	Verified by HOD
Dr. R. Mahadevi	Dr. R. Mahadevi

Chairman
BoS - Commerce