Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A++' Grade (3rd Cycle-3.64 CGPA)
Dr. N.G.P. - KalapattiRoad, Coimbatore-641048, Tamil Nadu, India
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REGULATIONS 2022-23 for Under Graduate Programme
(Outcome Based Education model with Choice Based Credit System)

B.Com. Commerce with Information Technology

(For the students admitted during the academic year 2022-23 and onwards)

Programme: B.Com with Information Technology

Eligibility:

Candidates for admission to the first year of the Bachelor of Commerce (Information Technology) Degree Programme shall be required to have passed in the Higher Secondary Examinations conducted by the Government of Tamil Nadu in the relevant subjects or an Examination accepted as equivalent thereto by the Academic Council. Subject to such other conditions as may be prescribed there to are permitted to appear and qualify with any one of the following subjects: Accountancy/ Commerce / Computer Science / Statistics / Business Mathematics and wherever the students have not studied Accountancy, the necessary Accounts knowledge be imparted through Tutorial/ Bridge Course.

Programme Educational Objectives:

The Curriculum is designed to attain the following learning goals which students shall accomplish by the time of their graduation:

1. To demonstrate the business knowledge and apply that knowledge in problem solving.
2. To provide right skills, attitudes and values among the students by training them in practical situation in modern business organizations.
3. To understand the social and ethical dimensions in their chosen disciplinary areas.
4. To enable the students to carryout action-oriented researches in Commerce and Information Technology.
5. To enable the professional competence in the application of Information Technology (IT) in a globalised environment.
6. To understand the business implications with Information Technology.

PROGRAMME OUTCOMES:

On the successful completion of the program, the following are the expected outcomes.

PO Number	PO Statement
PO1	Apply accounting concept and methods to interpret financial statement for evaluating the financial position and performances of organization.
PO2	Design and develop software solutions for contemporary business environments by employing appropriate problem-solving strategies.
PO3	Develop the skills for web page creation, new system architecture and configuration of systems to find solutions to management issues.
PO4	Demonstrate quantitative and qualitative tools and methodologies to support organizational decision making.
PO5	Apply marketing concepts, management principles and entrepreneurial skills to emerge as successful professionals and businessman.

Credit distribution Summary

For students admitted in AY 22-23 and onwards.

Credit distribution for all UG Programmes

Part	Subjects	No. of Papers	Credit	Semester No.
I (12 Credits)	Tamil / Hindi / French/Malayalam	4	4 x 3 = 12	I & IV
II (12 Credits)	English	4	4 x 3 = 12	I & IV
III (108 Credits)	Core (Credits 4)	15	15x4=60	I to VI
	Core (Credits 3)	02	2x3 = 06	I to VI
	Core (Credits 2)	02	2 X 2 = 04	I & II
	Inter Departmental Course (IDC)	4	4x4=16	I to IV
	Discipline Specific Elective (DSE)	3	3 x 4 =12	V & VI
	Skill Enhancement Course (SEC) (Embedded)	2	2 x 4 = 8	III to VI
	Generic Elective (GE)	2	2 x 1 =2	V
IV (8 Credits)	Environmental Studies (AECC)	1	2	I
	Basic Tamil/Advance Tamil/Human Rights, & Women's Rights (AECC)	1	2	II
	Innovation & IPR/ Innovation, IPR & Entrepreneurship (AECC)	1	2	VI
	Industrial Training	1	2	V
V (2 Credits)	NSS/NCC/YRC/RRC/Yoga/Sports	-	2	I - II
TOTAL CREDITS			142	

CURRICULUM

B.Com.IT PROGRAMME

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
First Semester										
Part–I										
221TL1A1TA	Language-I	Tamil–I **IKKALAILAKKIYAM**	4	1	-	3	50	50	100	3
221TL1A1HA		Hindi-I **MODERNLITERATURE**								
221TL1A1MA		Malayalam-I **MODERNLITERATURE**								
221TL1A1FA		French–I**GRAMMAR, TRANSLATION AND CIVILIZATION**								
Part–II										
221EL1A1EA	Language-II	Professional English-I	4	-	1	3	50	50	100	3
Part–III										
225PA1A1CA	Core-I	Financial Accounting	5	1	-	3	50	50	100	4
225CI1A1CA	Core- II	Principles of Management	4	-	-	3	50	50	100	4
225CI1A1CP	Core Practical-I	Spreadsheet Applications-I	-	-	4	3	50	50	100	2
222MT1A1IA	IDC - I	Business Mathematics	4	-	-	3	50	50	100	4
Part-IV										
223MB1A1AA	AECC-I	Environmental Studies	2	-	-	-	50	-	50	2
Part-V										
225CI1A1XA	Extension Activity	NSS/NCC/YRC /RRC/Yoga/ Sports/Clubs	-	-	-	-	50	-	50	1
Total			**23**	**2**	**5**	-	-	-	**700**	**23**

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
Second Semester										
Part-I										
221TL1A2TA	Language-I	Tamil–II IKKALAILAKKIYAM	4	1	-	3	50	50	100	3
221TL1A2HA		Hindi-II MODERNLITERATURE								
221TL1A2MA		Malayalam-II MODERNLITERATURE								
221TL1A2FA		French–II GRAMMAR, TRANSLATION AND CIVILIZATION								
Part–II										
221EL1A2EA	Language-II	Professional English-II	4	-	1	3	50	50	100	3
Part–III										
225BP1A2CA	Core- III	Advanced Financial Accounting	5	1	-	3	50	50	100	4
225CI1A2CA	Core-IV	Fundamentals of Information Technology	4	-	-	3	50	50	100	4
225CI1A2CP	Core Practical-II	Spreadsheet Applications- II	-	-	4	3	50	50	100	2
222MT1A2IA	IDC -II	Business Statistics	4	-	-	3	50	50	100	4
Part-IV										
221TL1A2AA/ 221TL1A2AB/ 225CR1A2AA	AECC-II	Basic Tamil /Advance Tamil/Human Rights and Women's Rights	2	-	-	-	50	-	50	2
Part-V										
225CI1A2XA	Extension Activity	NSS/NCC/ YRC/RRC/ Yoga/Sports/Clubs	-	-	-	-	50	-	50	1
		Total	23	2	5	-	-	-	700	23

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
Third Semester										
Part–I										
221TL1A3TA 221TL1A3HA 221TL1A3MA 221TL1A3FA	Language-III	Tamil–III Hindi-III Malayalam-III French–III	4	-	-	3	50	50	100	3
Part–II										
221EL1A3EA	Language-III	Professional English-III	4	-		3	50	50	100	3
Part–III										
225CM1A3CA	Core - V	Cost Accounting	5	-	-	3	50	50	100	4
225BI1A3CB	Core - VI	Company Law	4	-	-	3	50	50	100	4
225CI1A3CA	Core - VII	C - Programming	5	-	-	3	50	50	100	4
225CO1A3IA	IDC - III	Business Economics	4	-	-	3	50	50	100	4
225CI1A3SP	SEC - I	SEC Practical : C - Programming	-	-	4	3	50	50	100	2
Total			**26**		**4**	-	-	-	**700**	**24**

24/7/23

BoS Chairman/HoD
Department of Commerce (IT)
Dr.N.G.P. Arts and Science College
Coimbatore 641 048

Dr.N.G.P. Arts and Science College
APPROVED
BoS - 15/3 10/06/23 | AAc - 15/3 14/7/23 | GB - 05/08/23

Academic Council 04 CHAIRMAN Dr.N.G.P. Arts and Science College

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
Fourth Semester										
Part–I										
221TL1A4TA	Language-IV	Tamil–IV	4	-	-	3	50	50	100	3
221TL1A4HA		Hindi-IV								
221TL1A4MA		Malayalam-IV								
221TL1A4FA		French– IV								
Part–II										
221EL1A4EA	Language-IV	Professional English-IV	4	-		3	50	50	100	3
Part–III										
225PA1A4CA	Core–VIII	Corporate Accounting	5	1	-	3	50	50	100	4
225CI1A4CA	Core–IX	Banking Law	4	-	-	3	50	50	100	3
225CI1A4CB	Core – X	VB.Net with SQL	4	-	-	3	50	50	100	4
226BM1A4IC	IDC-IV	Corporate Governance	4	-	-	3	50	50	100	4
225CI1A4SP	SEC–II	VB.Net with SQL	-	-	4	3	50	50	100	2
Total			**25**	**1**	**4**	-	-	-	**700**	**23**

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
Fifth Semester										
Part–III										
225CI1A5CA	Core–XI	Management Accounting	5	1	-	3	50	50	100	4
225AT1A5CB	Core–XII	Income Tax Law and Practice	5	1	-	3	50	50	100	4
225CC1A5CB	Core–XIII	Research Methodology	4	-	-	3	50	50	100	4
225CI1A5CC	Core–XIV	Web Development and PHP Programming	4	-	-	4	50	50	100	3
225CI1A5SP	SEC Practical–III	Web Development and PHP Programming	-	-	4	3	50	50	100	2
225CM1A5DA	DSE–I	Financial Management	4	-	-	3	50	50	100	4
225CI1A5DA		E-Business Technology								
225CR1A5DA		Human Resource Management								
225BA1A5DA		Service Marketing								
	GE–I		2	-	-	-	50	-	50	2
Part–IV										
225CI1A5TA	IT	Industrial Training					50	50	100	2
		Total	**24**	**2**	**4**	-	-	-	**750**	**25**

Course Code	Course Category	Course Name	L	T	P	Exam (hours)	Max Marks			Credits
							CIA	ESE	Total	
Sixth Semester										
Part–III										
225AT1A6CA	Core –XV	Business Taxation	4	-	-	3	50	50	100	4
225CI1A6CV	Core–XVI	Project	-	-	8	3	50	50	100	4
225CI1A6CA	Core - XVII	Java Programming	4		-	3	50	50	100	4
225CI1A6SP	SEC Practical-IV	Java Project Programming	-	-	4	3	50	50	100	2
225CM1A6DA	DSE–II	Financial Markets and Services	4	-	-	3	50	50	100	4
225CI1A6DA		Enterprise Resource Planning								
225CR1A6DA		HR Information System								
225BA1A6DA		Retail Marketing								
225CM1A6DB	DSE-III	Security Analysis and Portfolio Management	4	-	-	3	50	50	100	4
225CI1A6DB		Information Security								
225CR1A6DB		Total Quality Management								
225BA1A6DB		Digital Marketing								
Part–IV										
225BI1A6AA	AECC-III	Innovation and IPR	2				50	-	50	2
		Total	**18**	-	**12**	-	-	-	**650**	**24**
		***Grand total**							**4200**	**142**

DISCIPLINE SPECIFIC ELECTIVE

Students shall select the desired course of their choice in the listed elective course duringSemesters V&VI

Semester V (Elective I)

List of Elective Courses

S.No.	Course Code	Name of the Course
1	225CM1A5DA	Financial Management
2	225CI1A5DA	E-Business Technology
3	225CR1A5DA	Human Resource Management
4	225BA1A5DA	Service Marketing

Semester VI (Elective II)

List of Elective Courses

S.No.	Course Code	Name of the Course
1	225CM1A6DA	Financial Markets and Services
2	225CI1A6DA	Enterprise Resource Planning
3	225CR1A6DA	HR Information System
4	225BA1A6DA	Retail Marketing

Semester VI (Elective III) List of Elective Courses

S.No.	Course Code	Name of the Course
1	225CM1A6DB	Security Analysis and Portfolio Management
2	225CI1A6DB	Information Security
3	225CR1A6DB	Total Quality Management
4	225BA1A6DB	Digital Marketing

GENERIC ELECTIVECOURSES (GE)

The following course is offered under Generic Elective Course

Semester V (GE-I)

S.No.	Course Code	Course Name
1	225CI1A5GA	Digital Marketing

EXTRA CREDIT COURSES

The following are the courses offered under self-study to earn extra credits:

Semester III

S.No.	Course Code	Course Name
1	225CI1ASSA	Life Insurance Principles and Practice
2	225CI1ASSB	Data Analytics

CERTIFICATE PROGRAMMES

The following are the programme offered to earn extra credits:

S.No.	Programme Code	Course Code	Course Name
1	5CI5A	225CI5A1CA	Multimedia and Animation
2	5CI5B	225CI5B1CP	Ethical Hacking and Cyber Security: Issues And Its Prevention

UG - REGULATION (R4)

(Students admitted in the AY 2022-23)

(OUTCOME BASED EDUCATION WITH CBCS)

1.NOMENCLATURE

1.1 Faculty: Refers to a group of programmes concerned with a major division of knowledge Eg. Faculty of Computer Science consists of disciplines like Departments of Computer Science, Information Technology, Computer Technology, Computer Applications, Data analytics, Cognitive Systems and Artificial Intelligence and Machine Learning.

1.2 Programme: Refers to the Bachelor of Science / Commerce /Arts stream that a student has chosen for study.

1.3 Batch: Refers to the starting and completion year of a programme of study. Eg. Batch of 2022–25 refers to students belonging to a 3 year Degree programme admitted in 2022 and completing in 2025.

1.4 Course: Refers to component of a programme. A course may be designed to involve lectures / tutorials / laboratory work / seminar / project work/ practical training / report writing / Viva- voce, etc., or a combination of these, to meet effectively the teaching learning needs.

a) **Core Course:**A course, which should compulsorily be studied by a candidate as a core requirement

b) **Inter Disciplinary Course (IDC):** A course chosen generally from a related discipline/subject with an intention to seek exposure in the discipline relating to the core domain of the student

c) **Discipline Specific Elective (DSE) Course**: Elective courses offered under main discipline/ subject of study.

d) **Skill Enhancement Courses (SEC):** Value-based and/or skill-based courses which are aimed at providing hands-on-training, competencies, skills, etc.

e) **Ability Enhancement Compulsory Courses (AECC):** Mandatory courses that lead to Knowledge enhancement. Environmental Science, Human Rights and Women's Rights, Basic Tamil/Advanced Tamil, Innovation and IPR/Innovation, IPR and Entrepreneurship.

f) **Ability Enhancement Elective Course (AEEC)/Generic Elective (GE)** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is Generic Elective.

1.5 Project Work:

Course involving application of knowledge in problem solving / analyzing /exploring a real life situation / difficult problem. The Project work will be given in lieu of a Core paper.

Internship/Industrial Training

Students must undertake industrial / institutional training for a minimum of 15 days during the IV semester summer vacation. The students will submit the report for evaluation during V semester.

1.6 Extra Credits:

Extra credits shall be awarded for achievements in identified Curricular/co-curricular activities executed outside the regular class hours. Extra credits are not mandatory for completing the programme.

2. STRUCTURE OF PROGRAMME

2.1 PART- I: LANGUAGE- I

Tamil or any one of the languages namely Malayalam, Hindi and French will be offered under Part – I in the first four semesters.

2.2 PART- II: LANGUAGE- II

English will be offered during the first four semesters.

2.3 PART- III:

- Core Course
- Inter Departmental Course (IDC)
- Discipline Specific Elective (DSE)
- Skill Enhancement Course (SEC)
- Industrial Training (IT)

2.4 PART- IV:

2.4.1 Ability Enhancement Compulsory Course (AECC):

The Ability Enhancement Compulsory Courses such as i)Environmental Studies, ii) Human Rights and Womens' Rights, iii) Innovation and IPR/ Innovation, IPR and Entrepreneurship are offered during I,II and VI Semester.

Basic Tamil

a) Those who have not studied Tamil up to XII Std and taken a non-Tamil language under Part-I shall take one Basic Tamil course in the second semester.

(OR)

Advanced Tamil

b) Those who have studied Tamil up to XII Std and taken a non-Tamil language under Part-I shall take one Advanced Tamil course in the second semester.

Note: Students who come under the above a+b categories are exempted from Human Rights and Women's Rights in second semester.

Ability Enhancement Elective Course (AEEC)/Generic Elective (GE) An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is Generic Elective offered in V semester. (Theory/Practical/Non-Lab Practical)

2.5 PART- V: EXTENSION ACTIVITIES

The following extracurricular activities like NSS/YRC/NCC/RRC/Yoga/Sports/Clubs are offered under extension activities during semester I & II. Students will be evaluated based on their active participation in any one of the above activities. 75% Attendance is compulsory for extension activity.

3. CREDIT ALLOTTMENT

The following is the credit allotment:

- Lecture Hours (Theory) : 1 credit per lecture hour per week
- Laboratory Hours : 1 credit for 2 Practical hours per week
- Project Work : 1 credit for 2 hours of project work per week

4. DURATION OF THE PROGRAMME

The B.A. /B.Com./B. Sc. Programme must be completed within 3 years (6 semesters) and a maximum of 6 years (12 semesters) from the date of acceptance to the programme. If not, the candidate must enroll in the course determined to be an equivalent by BoS in the most recent curriculum recommended for the Programme.

5.REQUIREMENTS FOR COMPLETION OF A SEMESTER

Every student shall ordinarily be allowed to keep terms for the given semester in a program of his/ her enrolment, only if he/ she fulfills at least seventy five percent (75%) of the attendance taken as an average of the total number of lectures, practicals, tutorials, etc. wherein short and/or long excursions/field visits/study tours organized by the college and supervised by the faculty as envisaged in the syllabus shall be credited to his/her attendance. Every student shall have a minimum of 75% as an overall attendance.

6. EXAMINATIONS

The end semester examinations shall normally be conducted after completing 90 working days for each semester. The maximum marks for each theory and practical course shall be 100 with the following breakup:

a) Mark distribution for Theory Courses

Continuous Internal Assessment (CIA) : 50 Marks

End Semester Exams (ESE) : 50 Marks

Total :100 Marks

i) Distribution of Internal Marks

S.No.	Particulars	Distribution of Marks
1	CIA I (2.5 Units) (On completion of 45th working day)	15
2	Model (All 5 Units) (On completion of 85th working day)	15
3	Assignment	05
4	Attendance	05
5	Library Usage	05
6	Skill Enhancement *	05
	Total	**50**

Assignment Rubric
(Maximum -20 marks converted to 5 marks)

Criteria	4 marks	3 Marks	2 Marks	1 MArk
Language	Excellent spelling and Grammar	Good spelling and Grammar	Reasonable spelling and Grammar	Bad spelling and Grammar
Style	Outstanding style beyond usual college level	Attains College level style	Approaches College level style	Elementary form with little or no variety in sentence structure
Referencing	Good use of wide range of reference sources	Moderate use of suitable reference materials	Shows signs of plagiarism & using sources without referencing	No reference material used
Development	Main points well developed with high quality and quantity support	Main points developed with quality and quantity supporting details	Main points are present with limited details and development	Main points lack detailed development
Critical thinking/Problem solving	Advanced attempt to interpret the process, content/ analyse and solve the problem	Proficient attempt to interpret the process, content/ analyse and solve the problem	Adequate attempt to interpret the process, content/ analyse and solve the problem	Limited attempt to interpret the process, content/ analyse and solve the problem

Breakup for Attendance Marks:

S.No	Attendance Range	Marks Awarded
1	95% and Above	5
2	90% - 94%	4
3	85% - 89%	3
4	80% - 84%	2
5	75% - 79%	1

Note:
Special Cases such as NCC, NSS, Sports, Advanced Learner Course, Summer Fellowship and Medical Conditions etc. the attendance exemption may be given by principal and Mark may be awarded.

Break up for Library Marks:

S.No	Attendance Range	Marks Awarded
1	10h and above	5
2	9h- less than 10h	4
3	8h – less than 9h	3
4	7h - less than 8h	2
5	6h – less than 7h	1

Note:
In exception, the utilization of e-resources of library will be considered.

***Components for "Skill Enhancement" may include the following:**

Class Participation, Case Studies Presentation, Field Study, Field Survey, Group Discussion, Term Paper, Presentation of Papers in Conferences, Industry Visit, Book Review, Journal Review, e-content Creation, Model Preparation & Seminar.

Components for Skill Enhancement

Any one of the following should be selected by the course coordinator

S.No.	Skill Enhancement	Description
1	Class Participation	• Engagement in class • Listening Skills • Behaviour
2	Case Study Presentation/ Term Paper	• Identification of the problem • Case Analysis • Effective Solution using creativity/imagination
3	Field Study	• Selection of Topic • Demonstration of Topic • Analysis & Conclusion
4	Field Survey	• Chosen Problem • Design and quality of survey • Analysis of survey
5	Group Discussion	• Communication skills • Subject knowledge • Attitude and way of presentation • Confidence • Listening Skill

6	Presentation of Papers in Conferences	• Sponsored • International/National • Presentation • Report Submission
7	Industry Visit	• Chosen Domain • Quality of the work • Analysis of the Report • Presentation
8	Book Review	• Content • Interpretation and Inferences of the text • Supporting Details • Presentation
9	Journal Review	• Analytical Thinking • Interpretation and Inferences • Exploring the perception if chosen genre • Presentation
10	e-content Creation	• Logo/ Tagline • Purpose • Content (Writing, designing and posting in Social Media) • Presentation
11	Model Preparation	• Theme/ Topic • Depth of background Knowledge • Creativity • Presentation
12	Seminar	• Knowledge and Content • Organization • Understanding • Presentation

ii) Distribution of External Marks

Total	**:**	**50**
Written Exam	**:**	**50**

Marks Distribution for Practical course

Total	**:**	**100**
Internal	**:**	**50**
External	**:**	**50**

i) Distribution of Internals Marks

S.No.	Particulars	Distribution of Marks
1	Experiments/Exercises	15
2	Test 1	15
3	Test 2	15
4	Observation Notebook	05
	Total	**50**

ii) Distribution of Externals Marks

S.No.	Particulars	External Marks
1	Materials and methods/ Procedures/Aim	10
2	Experiment/ Performance/ Observations/ Algorithm	10
3	Results/ Calculations/ Spotters/ Output	10
4	Inference/Discussion/ Presentation	10
5	Record	6
6	Viva- voce	4
	Total	**50**

A) Mark Distribution for Project/Internship/Industrial Training

Total : 100
Internal : 50
External : 50

i) Distribution of Internal Marks

S.No.	Particulars	Internal Marks
1	Review I	20
2	Review II	20
3	Attendance	10
	Total	**50**

ii) Distribution of External Marks

S.No	Particulars	External Marks
1	Project Work/Internship/ Industrial training presentation	40
2	Viva -voce	10
	Total	50

Evaluation of project Work/Internship/ Industrial training shall be done jointly by Internal and External Examiners

7. Credit Transfer

a. Upon successful completion of 1 NPTEL Course (4 Credit Course) recommended by the department, during Semester I to IV, a student shall be eligible to get exemption of one **4 credit course** during the V or VI semester. The proposed NPTEL course should cover content/syllabus of exempted core paper in V or VI semester.

S. No.	Course Code	Course Name	Proposed NPTEL Course	Credit
1			Option – 1 Paper title	4
			Option – 2 Paper title	
			Option – 3 Paper title	

b. Upon successful completion of **2 NPTEL Courses** (2 Credit each) recommended by the department, during Semester I to IV, a student shall be eligible to get exemption of **one 4 credit course** during the V or VI semester. Out of 2 NPTEL proposed courses, **atleast 1 course** should cover content/syllabus of exempted core paper in V or VI semester.

Mandatory

The exempted core paper in the V or VI semester should be submitted by the students for approval before the end of 4th semester.

Credit transfer will be decided by equivalence committee

S. No.	Course Code	Course Name	Proposed NPTEL Course	Credit
1			Option – 1 Paper title	2
			Option – 2 Paper title	
			Option – 3 Paper title	
2			Option – 1 Paper title	2
			Option – 2 Paper title	
			Option – 3 Paper title	

NPTEL Courses to be carried out during semester I – IV.

S.No.	Student Name	Class	Proposed NPTEL Course		Proposed Course for Exemption
			Course I	Option 1- Paper Title Option 2- Paper Title Option 3- Paper Title	Any one Core Paper in V or VI Semester
			Course II	Option 1- Paper Title Option 2- Paper Title Option 3- Paper Title	

Class Advisor **HoD** **Dean**

Upon Successful outcome of Design Thinking / Copy right/Product/ Patent by the end of the V Semester, student shall be eligible to get exemption in AECC: Innovation, IPR & Entrepreneurship / Innovation & IPR offered during VI Semester.

9. Internship/Industrial Training

Students must undertake industrial / institutional training for a minimum of 15 days during the IV semester summer vacation. The students shall submit the report for evaluation during V semester.

10. Extra Credits: 10

Earning extra credit is not essential for programme completion. Student is entitled to earn extra credit for achievement in Co-Curricular/ Extracurricular activities carried out other than the regular class hours.

A student is permitted to earn a maximum of Ten extra Credits during the programme period.

A maximum of 1 credit under each category is permissible.

Category	Credit
Proficiency in foreign language	1
Proficiency in Hindi	1
Self study Course	1
Typewriting/Short hand	1
CA/ICSI/CMA (Foundations)	1
CA/ICSI/CMA (Inter)	1
Sports and Games	1
Publications / Conference Presentations (Oral/Poster)/Awards	1
Lab on Project	1
Innovation / Incubation / Patent / Sponsored Projects / Consultancy/	1
Representation in State / National level celebrations	1
Awards/ Recognitions / fellowships	1

Credit shall be awarded for achievements of the student during the period of study only.

GUIDELINES

Proficiency in foreign language

A pass in any foreign language in the examination conducted by an authorized agency.

Proficiency in Hindi

A pass in the Hindi examination conducted by Dakshin Bharat Hindi Prachar Sabha.

Examination passed during the programme period only will be considered for extra credit.

Self study Course

A pass in the self study courses offered by the department.

The candidate should register the self study course offered by the department only in the III semester.

Typewriting/Short hand

A Pass in short hand /typewriting examination conducted by Tamil Nadu Department of Technical Education (TNDTE) and the credit will be awarded.

CA/ICSI/CMA(Foundations)

Qualifying foundation in CA/ICSI/CMA / etc.

Sports and Games

The Student can earn extra credit based on their Achievement in sports in University/ State / National/ International.

Publications / Conference Presentations (Oral/Poster)

Research Publications in Journals

Oral/Poster presentation in Conference

Lab on Project (LoP)

To promote the undergraduate research among all the students, the LoP is introduced beyond their regular class hours. LoP is introduced as group project consisting of not more than five members. It consist of four stages namely Literature collection, Identification of Research area, Execution of research and Reporting / Publication of research reports/ product developments. These four stages spread over from III to V semester.

(Evaluation will be done internally)

Innovation / Incubation / Patent / Sponsored Projects / Consultancy

Development of model/ Products /Prototype /Process/App/Registration of Patents/ Copyrights/Trademarks/Sponsored Projects /Consultancy

Representation in State/ National level celebrations

State / National level celebrations such as Independence day, Republic day Parade, National Integration camp etc.

Awards/ Recognitions/fellowships

Regional/ State / National level awards/ Recognitions/Fellowships

100 % CIA Courses :

- **AECC**
- **AEEC**

S.No	Type of Course
1	Environmental Studies (AECC)
2	Human Rights and Women's Rights, Basic Tamil /Advanced Tamil (AECC)
3	Innovation &IPR/ Innovation, IPR and Entrepreneurship(AECC)
4	Generic Elective (AEEC)

Modalities for Implementing Internal Assessment Marks:

- Student pertaining to 2022 Batch (2022-25) UG programme for the above mentioned courses shall secure a minimum of 40% out of the maximum marks in the continuous internal assessment (CIA) i.e., 20 marks out of 50 marks.
- Students who have not acquired the minimum marks shall be allowed to reappear to improve their marks in the exam components only within the time duration of the programme, in the forthcoming semesters.

Distribution of Internal Marks for AECC & AEEC (Theory)

S.No.	Particulars	Distribution of Marks
1	CIA I (2.5 Units) (On completion of 45th working day)	15
2	Model (All 5 Units) (On completion of 85th working day)	15
3	Assignment	05
4	Attendance	05
5	Library Usage	05
6	Skill Enhancement *	05
	Total	**50**

Distribution of Internal Marks for Generic Elective (AEEC) (Practical)

S.No.	Particulars	Distribution of Marks
1	CIA -I (1-5 Exercise)	5
2	CIA-II (6-10 Exercise)	5
3	Class Participation	10
4	Practical Record	10
5	Test-III & Viva –Voce(10+10)	20
	Total	**50**

Question paper pattern AECC & AEEC

Test	MARKS	DESCRIPTION	TOTAL	Remarks
CIA Test I **1 Hour** **First 2.5 Units**	50 x 1 = 50 Marks	MCQ	50 Marks	Marks secured will be Converted to 15 marks
CIA test II/ Model test **1 Hour** **All five Units**	50 x 1 = 50 Marks	MCQ	50 Marks	Marks secured will be Converted to 15 marks

Question paper pattern		Total Marks - 50	
Basic Tamil		**Advanced Tamil**	
Section -A		**Section -A**	
Choose the correct answer	10x2=20	**Choose the correct answer**	10x1=10
Section -B		**Section -B**	
True or false	10x2=20	**Fill in the blanks**	10x2=20
Section -C		**Section -C**	
Answer in one page	1x10=10	**Write an essay in two pages**	2x10=20

Question paper pattern for all other courses falling under Part I to Part III

CIA Test : [1 ½ Hours-2.5 Units] - 25 Marks

SECTION	MARKS	DESCRIPTION	TOTAL	Remarks
Section – A	8 x 0.5 = 04 Mark	MCQ	25 Marks	Marks secured will be converted to 15 marks
Section - B	3 x 3 = 09 Mark	Answer ALL Questions Either or Type ALL Questions Carry Equal Marks		
Section - C	2 x 6 = 12 Mark			

Model Test: [3 Hours-5 Units] - 50 Marks

SECTION	MARKS	DESCRIPTION	TOTAL	Remarks
Section – A	5 x 1 = 05 Marks	MCQ	50 Marks	Marks secured will be converted to 15 marks
Section - B	5 x 3 = 15 Marks	Answer ALL Questions (Either or Type Questions) Each Questions Carry Equal Marks		
Section - C	5 x 6 = 30 Marks			

End Semester Examination: [3 Hours-5 Units] - 50 Marks

SECTION	MARKS	DESCRIPTION	TOTAL
Section – A	5 x 1 = 05 Marks	MCQ	50 Marks
Section - B	5 x 3 = 15 Marks	Answer ALL Questions (Either or Type Questions) Each Questions Carry Equal Marks	
Section - C	5 x 6 = 30 Marks		

Course Code	Course Name	Category	L	T	P	Credit
221TL1A1TA	TAMIL- I : IKKALA ILAKKIYAM	LANGUAGE- I	4	1	-	03

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு நாகரீகம், பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத் திறன்கள் (Life Skills)- மாணவர்களின் செயலாக்கத் திறனை ஊக்குவித்தல்	K3
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K4
CO3	பாட இணைச்செயல்பாடுகள் (Co-curricular activities)	K4
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓			✓
CO2			✓	✓	✓
CO3	✓	✓		✓	✓
CO4	✓	✓	✓		✓
CO5	✓		✓	✓	✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A1TA	TAMIL- I: IKKALA ILAKKIYAM	SEMESTER I

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I மறுமலர்ச்சிக் கவிதைகள் 13 h

1. இலக்கிய வரலாறு - மறுமலர்ச்சிக் கவிஞர்களின் தமிழ்ப்பணிகள்
2. பாரததேசம் - பாரதியார்
3. படி - பாரதிதாசன்
4. தமிழரின் பெருமை - நாமக்கல் கவிஞர்
5. தமிழ்க் கொலை புரியாதீர் - புலவர் குழந்தை
6. திரைத்தமிழ்

அ) 'விஞ்ஞானத்த வளர்க்கப் போறண்டி' எனத் தொடங்கும் பாடல் - உடுமலை நாராயண கவி

ஆ) 'சும்மா கிடந்த நிலத்தை' எனத் தொடங்கும் பாடல் - பட்டுக்கோட்டை கல்யாண சுந்தரனார்

இ) 'சமரசம் உலாவும் இடமே' எனத் தொடங்கும் பாடல் - மருதகாசி

ஈ) 'உன்னை அறிந்தால்' எனத் தொடங்கும் பாடல் - கண்ணதாசன்

Unit II புதுக்கவிதைகள் 13 h

1. இலக்கிய வரலாறு வளர்ச்சியும் - புதுக்கவிதையின் தோற்றமும்
2. கடமையைச் செய் - மீரா
3. மலையாளக் காற்று - சிற்பி
4. ஒப்பிலாத சமுதாயம் - அப்துல் ரகுமான்
5. கன்னிமாடம் - மு.மேத்தா
6. கரிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன்
7. ஐந்தாம் வகுப்பு 'அ' பிரிவு - நா. முத்துக்குமார்

8. ஹைகூ கவிதைகள் - 10 கவிதைகள்

Unit III பெண்ணியம் 09 h

1. தொலைந்து போனேன் - தாமரை
2. நீரில் அலையும் முகம் - அ. வெண்ணிலா
3. தற்காத்தல் - பொன்மணி வைரமுத்து
4. ஏனிந்த வித்தியாசங்கள் ? - மல்லிகா
5. புதையுண்ட வாழ்க்கை - சுகந்தி சுப்ரமணியன்

Unit IV சிறுகதைகள் 15 h

1. இலக்கிய வரலாறு - சிறுகதையின் தோற்றமும் வளர்ச்சியும்
2. கனகாம்பரம் - கு.ப.ராஜகோபாலன்
3. ஆற்றங்கரைப் பிள்ளையார் - புதுமைப்பித்தன்
4. பொம்மை - ஜெயகாந்தன்
5. காய்ச்சமரம் - கி. ராஜநாராயணன்
6. காட்டில் ஒருமான் - அம்பை
7. வேட்கை - சூர்யகாந்தன்

Unit V பயிற்சிப் பகுதி 10 h

அ. இலக்கணம்

1. வல்லின ஒற்று மிகும், மிகா இடங்கள் - ஒற்றுப்பிழை நீக்கி எழுதுதல்
2. ர,ற - ல,ழ,ள - ண,ந,ன வேறுபாடு - ஒலிப்பு நெறி, சொற்பொருள் வேறுபாடு அறிதல்)

ஆ. படைப்பாக்கம்

1. கவிதை - எழுதுதல் (15 வரிகள் முதல் 30 வரிகள் வரை)
2. சிறுகதை - எழுதுதல் (குறைந்தது 3 பக்கங்கள்)

Text Book

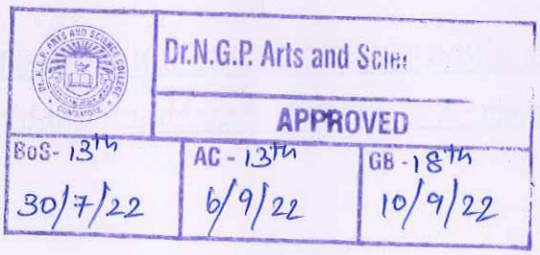
1 தமிழ் மொழிப்பாடம் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர் – 641048, வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை – 600 098.

References

1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு - 2014, தமிழ் இலக்கிய வரலாறு – மணிவாசகர் பதிப்பகம், சென்னை – 600 108.

2 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு - 2013, இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்னை-600 004.

3 இணையதள முகவரி: https://www.tamilvu.org



Course Code	Course Name	Category	L	T	P	Credit
221TL1A1HA	HINDI- I: MODERN LITERATURE	LANGUAGE-I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- The techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Apply the knowledge writing critical views on fiction	K3
CO4	Build creative ability	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2	✓	✓			✓
CO3	✓		✓	✓	✓
CO4	✓		✓		✓
CO5	✓	✓	✓		✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A1HA	HINDI– I: MODERN LITERATURE	SEMESTER I

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 13 h

गद्य – नूतनगद्यसंग्रह(जयप्रकाश)पाठ 1- रजियापाठ 2- मक्रीलपाठ 3- बहतापानीनिर्मला
पाठ 4- राष्ट्रपितामहात्मागाँधी

Unit II 13 h

कहानीकुंज- डाँवी.पी. 'अमिताभ'(पाठ 1-4)

Unit III 12 h

व्याकरण : शब्दविचार (संज्ञा, सर्वनाम,विशेषण)

Unit IV 12 h

अनुच्छेद लेखन

Unit V 10 h

अनुवाद अभ्यास-III (केवल अंग्रेजी से हिन्दी में) (पाठ 1 to 10)

Text Books

1. प्रकाशक: सुमित्रप्रकाशन 204 लीलाअपार्ट्मेंट्स, 15 हेस्टिंग्सरोड'अशोकनगरइलाहाबाद-211001
2. प्रकाशक: गोविन्दप्रकाशनसदरबाजार, मथुराउत्तरप्रदेश-281001
3. पुस्तक: व्याकरण प्रदिप – रामदेवप्रकाशक: हिन्दी भवन 36 टेगोर नगर इलाहाबाद-211024
4. पुस्तक: व्याकरण प्रदिप – रामदेवप्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024
5. प्रकाशक: दक्षिण भारत प्रचार सभा चेनैई -17

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BoS- 13th 30/7/22 | AC 23rd 6/9/22 | Cou. 18th 10/9/22

Course Code	Course Name	Category	L	T	P	Credit
221TL1A1MA	MALAYALAM-I: MODERN LITERATURE	LANGUAGE-I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories.	K1
CO2	Understand the principles of translation work.	K2
CO3	Apply the knowledge writing critical views on fiction.	K3
CO4	Build creative ability.	K3
CO5	Expose the power of creative reading	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2	✓				✓
CO3	✓	✓	✓		✓
CO4	✓		✓	✓	✓
CO5	✓	✓	✓		✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A1MA	MALAYALAM- I: MODERN LITERATURE	SEMESTER I

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I **Novel** 14 h

Pathummayude Adu

Unit II **Novel** 10 h

Pathummayude Adu

Unit III **Short Story** 14 h

Nalinakanthi

Unit IV **Short Story** 10 h

Nalinakanthi

Unit V **Practical Application** 12 h

Expansion of ideas, General Essay and Translation

Text Books

1 Vaikkam Muhammed Basheer, "Pathummayude Adu" (NOVEL), DC Books & Kottayam

2 T.Padmanabhan, "Nalinakanthi" (Short Story), DC Books & Kottayam.

References

1 Malayala Novel Sahithyam.

2 Malayala Cherukatha Innale Innu.

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APPROVED

BoS- 13th	AC - 13th	GB - 18th
30/7/22	6/9/22	10/9/22

Course Code	Course Name	Category	L	T	P	Credit
221TL1A1FA	FRENCH- I: GRAMMAR, TRANSLATION AND CIVILIZATION	LANGUAGE - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written – Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Evaluate the Plural, Articles and the Hobbies	K3
CO4	Measure the Cultural Activity in France	K3
CO5	Select the sentiments, life style of the French people and the usage of the conditional tense	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				✓
CO2	✓				✓
CO3	✓		✓		✓
CO4	✓		✓		✓
CO5	✓		✓		✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights		Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A1FA	FRENCH- I: GRAMMAR, TRANSLATION AND CIVILIZATION	SEMESTER I

Total Credits: 3
Total Instruction Hours: 60 h

Syllabus

Unit I Salut I Page 10 12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
• Saluer • Enter en contact • avec quelqu'un. • Se presenter. • S'excuser	En cours de cuisine, premiers contacts avec les members d'un groupe	• Comprendre des personnes qui se saluent. • Ēchanger pour entrer en contact, se présenter, saluer, s'excuser. • Communiquer avec *tu* ou *vous*. • Comprendre les consignes de classe • Ēpeler son nom et son prénom. Computer jusqu'à 10.

Unit II Enchanté I Page 20 12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
• Demander de se presenter. • Présenter quelqu'un.	Dans la classe de français, se presenter et remplir une fiche pour le professeur.	• Comprendre les informations essentielles dans un échange en milieu professionnel. • Ēchanger pour se presenter et présenter quelqu'un.

Unit III J'adore I Page 30 12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
• Exprimer ses gouts.	Dans un café, participer à une soirée de rencontres rapides et remplir de taches d'appréciation.	• Dans une soirée de recontres rapid comprendre des personnes qui échangent sur elles et sur leurs goût • Comprendre une personne qui parler des goûts de quelqu'un d'autre.

Unit IV J'adore I Page 30 14 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
• Présenter quelqu'un	Dans un café, participer à une soirée de rencontres rapides et remplir de taches d'appréciation	• Exprimer ses goûts. • Comprendre une demande laissée sur un répondeur téléphonique. • Parler de ses projets de week-end.
Autoévaluation du module I Page 40 – Préparation au DELF A1 page 42		
Demander à quelqu'un de faire quelque chose. Demander poliment. Parler d'actions passes. Tu veux bien?	Organiser un programme d'activités pour accueillir une personne importante.	Comprendre une personne demande un service à quelqu'un. Demander à quelqu'un de faire quelque chose. Imaginer et raconter au passé à partir de situations dessinées.

Unit V Practical Application 10 h

Make in Own Sentences

Text Book

1 Regine Merieux, Yves Loiseau, "LATITUDES - 1" (Page No: 9-55) (Methode de Français), Goyal Publisher & Distributors Pvt.Ltd., 86 UB Jawahar Nagar (Kamala Nagar), Delhi-7 Les Editions Dider, Paris, 2008- Imprime en Roumanie par Canale en Janvier 2012.

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BoS- 13th 30/7/22 | AC - 13th 6/9/22 | GB - 18th. 10/9/22

Course Code	Course Name	Category	L	T	P	Credit
221EL1A1EA	PROFESSIONAL ENGLISH- I	LANGUAGE- II	4	-	1	3

PREAMBLE

This course has been designed for students to learn and understand

- the effect of dialogue, the brilliance of imagery and the magnificence ofvaried genres
- any spontaneous spoken discourse and respond to them with proper sentence structure
- the transactional concept of English language

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Identify the various aspects in poetry	K2
CO2	Infer linguistic and non-linguistic features of the context for understanding and interpreting	K3
CO3	Construct sentences and convey messages effectively in real life situations	K3
CO4	Apply different reading strategies with varying speed	K3
CO5	Prepare modules with their own ideas and present them coherently in a grammatically correct form	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓	✓	✓
CO2		✓			✓
CO3	✓	✓		✓	
CO4			✓		
CO5	✓	✓			✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights		Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221EL1A1EA	PROFESSIONAL ENGLISH- I	SEMESTER I

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Genre Studies 12 h

Nissim Ezekiel: The Worm- Author's Biography- title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques– Annotations

NiyiOsundare: Our Earth Will Not Die- Author's Biography- title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques– Annotations

A. G. Gardiner: On Superstitions- Author's biography- Narrative structure- Exploration of the text- passage analysis- insight of ideas- cohesion and context- style- language techniques- Annotations

Nancy Bella: Clever Thief- Author's Biography- Plot Summary- Detailed summary and Analysis- Themes- Important Quotations-Characters- Description - analysis- Terms- Symbols- Critical analysis

H. G. Wells: The Truth about Pyecraft- Author's Biography-narrative structure- passage analysis- insight of ideas- cohesion and context- style- language techniques

Unit II Listening Skills 12 h

Listening vs. hearing- Types of listening, Tips to enhance Listening Skills, Non-verbal and Verbal signs of active listening - Comprehensive Listening - Listening to pre-recorded audios on speeches, interviews and conversations - Listening Activities- Listening and responding to complaints (formal situation), Listening to problems and offering solutions (informal)

Unit III Speaking Skills 14 h

Formal occasions- Introducing oneself, Introducing others, Enquiries and Seeking permission, Making short presentations - Informal occasions- Requests, Offering help, Congratulating, Farewell party, graduation speech -Giving instructions to do a task and to use a device, Giving and asking directions

10 h

Unit IV Reading Skills

Study Skills: Skimming and Scanning- Reading different kinds of texts- Types of reading-Developing a good reading speed, reading aloud, Referencing skill - Word Power (Denotation and Connotation) - Reading comprehension, Data interpretation –Charts, Graphs, Advertisements

Unit V Writing Skills 12 h

Sentence patterns, Note- making and note taking-Strategies - Paragraph writing: Structure and Principles - Academic Writing - Formal and Informal Letters, Report, Book /Movie Review

Text Books

1. Gardiner, A. G. 1926. Alpha of the Plough: Second series, J.M. Dent & Sons Ltd., London, United Kingdom. pg.no-151-156. (Unit I)
2. Ezekiel, Nissim. "The Worm," Crazy Romantic Love, www. mianmawaisarain.live/2020/05/poem-worm-nissim-ezekiel.html. Accessed 3 Aug. 2022. (Unit I)
3. <http://livros01.livrosgratis.com.br/ln000835.pdf/>(Unit I)
4. Mithra,S.M. 1919. Hindu Tales from the Sanskrit, Macmillan & Co Ltd., London, United Kingdom. pg.no-127-142. (Unit I)
5. Nation, I. S. P and Jonathan Newton. 2009. Teaching ESL/EFLListening and Speaking. Routledge, New York, United States. (Unit II)
6. Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. Sparkle. (1st Edn.) McGraw - Hill Education, Chennai, India. (Unit III– V)

References

1. Our Earth Will Not Die By NiyiOsundare." Studocu.Com, studocu.com/in/document/bangalore-university/bachelor-of-computer-applications/1586771577-our-earth-will-not-die/27675462. Accessed 3 Aug. 2022.

2. OnSuperstitions."THEHISTORIAN,thehistorian1947.wordpress.com/2019/03/08/on-superstitions-by-a-g-gardiner. Accessed 3 Aug. 2022.

3. Swales, John M. & Feak, Christine B. 2012. Academic Writing for Graduate Students: Essential Tasks and Skills, University of Michigan Press, Michigan.

4. Rudzka, Brygida -Ostyn, 2003. Word Power: Phrasal Verbs and Compounds: A Cognitive Approach, Mouton de Gruyter, New York, United States.

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AC - 13th 6/9/22
GB - 18th 10/9/22

Course Code	Course Name	Category	L	T	P	Credit
225PA1A1CA	FINANCIAL ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the basic concepts of accounting, the final accounts, bank reconciliation statement and calculation of depreciation.
- the recording of transactions relating to bills, methods of preparation of account current and average due date.
- the knowledge about accounting treatment in the books of Consignor and Consignee and methods of recording sale or return transactions.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the basic knowledge about Accounting and preparation of final accounts.	K2
CO2	Know the preparation of bank reconciliation statement and methods of depreciation accounting.	K3
CO3	Know the features of bill of exchange, promissory note and recording transactions relating to bills.	K2
CO4	learn the knowledge about methods of preparation of account current and find out the average due date.	K3
CO5	acquire knowledge about accounting treatments in the books of consignor and consignee and methods of recording sale or return transactions.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2	✓	✓		✓	✓
CO3	✓		✓		✓
CO4	✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓	

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225PA1A1CA	FINANCIAL ACCOUNTING	SEMESTER I

Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Introduction to Accounting and Final Accounts 14 h

Accounting Definition – Objectives – Functions – Advantages – Limitations – Types of Accounts – Basis of Accounting – Accounting Principles: Accounting Concepts and Conventions – Journal – Ledger – Subsidiary books – Trial balance. Final Accounts: Introduction – Trading Account, Profit and Loss Account, Balance sheet with adjustments.

Unit II Bank Reconciliation Statement and Depreciation 16 h

Bank Reconciliation Statement – Need – Preparation of Bank Reconciliation Statement. Meaning and Definition of Depreciation – Characteristics – Causes – Need – Methods (Straight Line, Written Down, Annuity, Sinking Fund, Insurance Policy and Machine Hour Rate method)

Unit III Bills of Exchange 15 h

Bills of Exchange - Definition – Features – Advantages – Types – Promissory Note– Definition – Features – Distinction between Bills of Exchange and Promissory Note – Recording transactions relating to bills – Retiring of bill under rebate – Dishonour of a Bill - Renewal of bills.

Unit IV Account Current and Average Due Date 12 h

Meaning of Account Current – Definition – Methods: Product, Red-ink Interest, Interest table, Periodical balance and Epoque method. Meaning of Average Due Date – Uses–Accounting treatment - Calculation of Interest.

Unit V Accounting for Consignments and Goods Sent on Sale or Return Basis 15 h

Meaning of Consignment – Distinction between consignment and sale – Accounting treatment in the books of Consignor and Consignee – Goods sent on consignment at cost and at Invoice price. Meaning of Sale or Return – Purpose – Methods of Recording Sale or Return Transactions

Note: The question paper shall cover 20% theory and 80% problem.

Case studies related to the below topics to be discussed (Examined internal only)

1. Case Study on Accounting Concepts
2. Case Study on Bank Reconciliation Statement
3. Case Study on Bills of Exchange

Text Books

1 Reddy,T.S. and Murthy,A. 2016. Advanced Accountancy [Second Revised Edition]. Margham Publications, Chennai.

2 Jain,S.P., and Narang,K.L 2019, Advanced Accountancy - Principles of Accounting Including GST Volume I [Twentieth Revised Edition]. Kalyani Publishers, New Delhi.

References

1 Shukla M.C Grewal T.S Gupta S.C. 2016. Advanced Accounts Volume I [Nineteenth Edition]. S.Chand & Company Pvt Ltd, New Delhi.

2 Hanif., and Mukherjee, 2015. Modern Accountancy, (Volume I) [Second Edition]. Tata Mcgraw Hill Publishing Co.Ltd., Chennai.

3 Arulandam. M.A and Ramaan.K.S, 2014. Advanced Accountancy. [Revised Edition]. Himalaya Publishing House, Mumbai.

4 Pillai. R.S.N and Bagavathi, Uma.S. 2012. Fundamentals of Advanced Accounting (Volume I). [Third Revised Edition]. Sultan Chand & Company Ltd, New Delhi.

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30/7/22	6/9/22	10/9/22

Course Code	Course Name	Category	L	T	P	Credit
225CI1A1CA	PRINCIPLES OF MANAGEMENT	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the basic principles and elements of effective management.
- the managerial actions of planning, organizing and motivation.
- the leadership qualities and effective controlling.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Integrate the management principles into management practices.	K2
CO2	Understand the planning and decision making process in the organization	K4
CO3	Assess the organisational practices through proper delegation of authority and responsibility.	K2
CO4	Describe the recruitment process, motivational theory and leadership styles in the practice of management.	K2
CO5	Understand the techniques of direction and control to summarize the report.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓		✓	✓	✓
CO2	✓		✓		✓
CO3	✓	✓		✓	✓
CO4		✓	✓	✓	✓
CO5	✓	✓		✓	✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights		Gender Sensitization
✓	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225CI1A1CA	PRINCIPLES OF MANAGEMENT	SEMESTER I

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Management 10 h

Definition – Nature and Scope - Importance –Functions of Management – Management as an Art, Science and Profession – Scientific Management – Fayol's Principles of Management – Management By Objectives (MBO) – Management By Exception (MBE)- Organization culture and Environment — Current trends and issues in Management.

Unit II Planning 10 h

Definition – Nature – Objectives – Advantages and Disadvantages – Process – Types - Decision Making – Traditional and Modern Techniques – Steps involved in Decision Making- Rational Decision Making.

Unit III Organisation 10 h

Definition – Principles - Types - Importance –Elements of Organisation Process - Line & Staff- Overcoming Line-staff conflict, Committees, Organization Structures, Types, Advantages & Disadvantages. Directing – meaning & Definition – Principles – Techniques – Importance -Delegation - Process of Delegations-Barriers to Delegation, Span of Control – Centralization & Decentralization - Departmentation.

Unit IV Staffing 9 h

Meaning and Definition – Functions – Recruitment - Sources of Recruitment – Training- Performance Appraisal - 360 Degree Appraisal Method – Assessment Center Method- Motivation – Importance of Motivation - Maslow's Theory of Motivation – X, Y and Z Theories (McGregor Theory & William Ouchi Theory)- Goal Setting theory - Leadership – Types – Qualities of a Good Leader- Leadership styles- Group decision making

Unit V Controlling and Reporting 9 h

Meaning and Definition – Need and Significance of control – Process of Controlling – Types of control –Managing Productivity – Cost Control – Purchase Control – Maintenance Control – Quality Control – Co-ordination – Need – Techniques - Reporting – meaning & Definition – Principles – Techniques – Importance

Note: Case studies related to the above topics to be discussed (Examined internal only)

1. Case Study in Management by Objectives
2. Case Study in Leadership Style
3. Case Study in Motivation

Text Books

1 DinkarPagare ,2018, "Principles of Management", Sixth Edition, Sultan Chand & Sons, New Delhi

2 RamaswamyT, 2019, "Principles of Management", Eleventh Edition, Himalaya Publishing Home Pvt Ltd, Mumbai

References

1 Govindarajan. M., 2019. "Principles of Management", Ninth Edition, PHI Publications, New Delhi

2 Prasad L.M., 2015, "Principles and Practice of Management", Eighth Edition, Sultan Chand & Sons, New Delhi

3 Tripathi P C&ReddyP N, 2017, "Principles of Management", Sixteenth Edition, McGraw Hill Education and New Delhi

4 Mitra J.K, 2017, "Principles of Management", First Edition, Oxford University Press

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BoS- 13th	AC - 13th	GB - 18th
30/7/22	6/9/22	10/9/22

225CI1A1CP	CORE PRACTICAL : SPREADSHEET APPLICATIONS - I	SEMESTER I

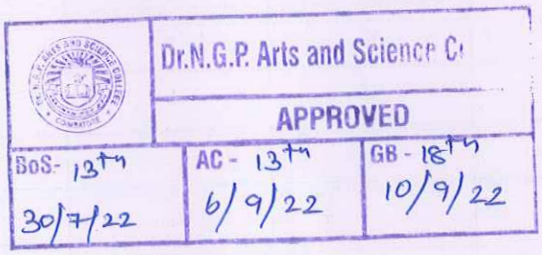
Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	Preparation of Class Time Table and perform the following operations: Inserting the table, Data Entry, Alignment of Rows and Columns, Inserting and Deleting the Rows and Columns and Change of Table Format.
2	Prepare a mark list of your class (minimum of 5 subjects) and perform The following operations: Data Entry, Total, Average, Result and Ranking by using arithmetic and logical functions and sorting.
3	Create a form and use protection of cells option
4	Working with Worksheets, Inserting/ Deleting sheets, Moving between sheets, Link sheets with formula, Inserting Header & Footer
5	Working with macros, running macros, assigning macros to buttons.
6	Draw the different types of charts (Line, Pie, Bar) to illustrate year-wise performance of sales, purchase, profit of a company by using chart wizard.
7	Preparation of Final Accounts by using formula.
8	Preparation of statement of Bank customer's account showing simple and compound interest calculations for 10 different customers using mathematical and logical functions.
9	Prepare a Product Life Cycle which should contain the following stages: Introduction, Growth, Maturity, Saturation, Decline.
10	Creating Pivot Table to analyse sales report.
11	Filter: Number and Text Filters, Date Filters, Advanced Filter, Data Form, Remove Duplicates, Outlining Data
12	Advanced filtering with Multi Criteria-including vlookup, hlookup

Note: Out of 12 exercises 10 mandatory

References

1. Anshuman Sharma , 2016, "A Book of Fundamentals of Information Technology", First Edition, Lakhanpal Publications, Punjab
2. Rajaraman V, 2018, "Introduction to Information Technology", Third Edition, PHI Learning, New Delhi
3. Ramesh Paul, 2020," Information Technology for Management", Third Edition, Tata McGraw-Hill Publishing Co Ltd, New York (USA)
4. Puneet Kumar, Sushil Bhardwaj , 2019, "Fundamentals of Information Technology", Fourth Edition , Kalyani Publishers, Hyderabad



Course Code	Course Name	Category	L	T	P	Credit
222MT1A1IA	BUSINESS MATHEMATICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the characteristics of different types of matrices
- the basic concept of limits and continuity
- the formulation of linear programming problem

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	recognize the operations of a matrix	K2
CO2	Identify the types of discounts corresponding to a bill	K1
CO3	explain the methods for finding limits	K2
CO4	illustrate the applications of the differentiation	K3
CO5	compute the optimal solution of a linear programming problem	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		
CO2		✓	✓	✓	
CO3	✓	✓		✓	
CO4			✓		✓
CO5	✓	✓	✓	✓	✓

✓	Skill Development		Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

222MT1A1IA	BUSINESS MATHEMATICS	SEMESTER I

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Matrices 12 h

Definition - importance - types - Matrix operations - properties - system of linear equations - Determinants - Cramer's rule - properties of determinants - minor and cofactor - Inverse matrix method - Rank - consistency

Unit II Mathematics of Finance 9 h

Basic concepts - Simple interest - Compound interest - effective rate and nominal rate of Interest - Depreciation - Annuities - Sinking fund- discounting

Unit III Limits 8 h

Constants - variables - functions -types - variable tending to a limit - limit of a function - properties - methods of finding limits - factorisation - L' Hospital's rule - Method of substitution - rationalisation - Infinite limit

Unit IV Differentiation 9 h

Derivatives of standard functions - rules of differentiation - addition rule and the difference rule - product rule - quotient rule - functions of a function rule - uses of derivative - Elasticities - Increasing and decreasing functions - maxima and minima

Unit V Linear Programming Problem 10 h

Linear Programming - introduction - meaning, scope and limitation of operations research - formulation of linear programming problem - Graphical method - Simplex method

Note: Theory 20% and Problems 80%

Text Books

1 Navnitham.P.A, 2021, "Business Mathematics and Statistics", Jai Publishers ,Trichy.

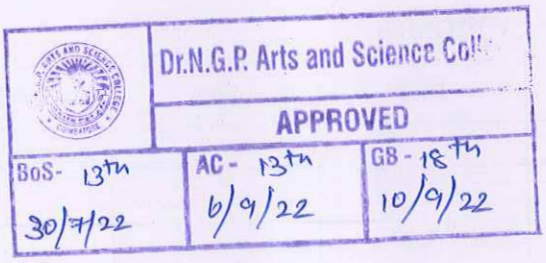
References

1 Asim Kumar Manna, 2018, "Business Mathematics and Statistics", First Edition, McGraw Hill Education Private Limited , New Delhi.

2 Mariappan.S, 2017, "Business Mathematics" ,First Edition, Pearson Publisher ,New Delhi.

3 Das N.G & Das J.K, 2012, "Business Mathematics and Statistics" , First Edition, McGraw Hill Education Private Limited , New Delhi.

4 Sundaresan.V, Jayaseelan.S.D, 2011, "An introduction to Business mathematics" , Fourth Edition, Sultan Chand & Company, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
223MB1A1AA	ENVIRONMENTAL STUDIES	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- Multi disciplinary aspects of Environmental studies
- Importance to conserve the Biodiversity
- Causes of Pollution and its control

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the importance of natural resources in order to conserve for the future.	K2
CO2	Infer on Natural resources and its conservation	K2
CO3	Apply the knowledge on Biodiversity and its conservation	K3
CO4	Relate effects, causes and control of air, water, soil and noise pollution etc.,	K2
CO5	Build awareness about sustainable development and Environmental protection	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					✓
CO2					✓
CO3					✓
CO4					✓
CO5					✓

✓	Skill Development		Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

223MB1A1AA	ENVIRONMENTAL STUDIES	SEMESTER I

Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Environmental studies & Ecosystems 5 h

Introduction to Environmental studies& Ecosystems: Multidisciplinary nature of environmental studies; components of environment – atmosphere, hydrosphere, lithosphere and biosphere. Scope and importance; Concept of sustainability and sustainable development. Ecosystem- Structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession.

Unit II Natural Resources: Renewable and Non-renewable Resources 5 h

Natural Resources: Renewable and Non-renewable Resources: Land Resources and land use change; Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Water: Use and overexploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs.

Unit III Biodiversity and Conservation 5 h

Biodiversity and Conservation: Levels of biological diversity: genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots. India as a mega-biodiversity nation; Endangered and endemic species of India. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

Unit IV Environmental Pollution, Environmental Policies & Practices 5 h

Environmental Pollution, Environmental Policies & Practices: Environmental pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution. Nuclear hazards and human health risks. Solid waste management: Control measures of urban and industrial waste. Pollution case studies. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environment Laws: Environment Protection Act; Prevention & Control of Pollution Act – Air & Water. Wildlife Protection Act;

Forest Conservation Act;

Unit V Human Communities and the Environment& Field Work 4 h

Human Communities and the Environment& Field Work: Human population and growth: Impacts on environment, human health and welfares. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. Environmental communication and public awareness. Visit to an area to document environmental assets; river/forest/flora/fauna, etc. Population explosion – Family Welfare Programmes. Role of Information Technology in Environment and human health. Role of the Colleges, Teachers and Students in village adoption towards clean, green and make in villages in various aspects.

Text Books

1 Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.

2 Gadgil, M., &Guha, R.1993. This Fissured Land: An Ecological History of India. Univ. of California Press.

References

1 Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge

2 Gleick, P.H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press

3 Groom, Martha J. Gary K. Meffe, and Carl Ronald carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006

4 Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36-37.

5 McCully, P.1996. Rivers no more: the environmental effects of dams(pp. 29-64). Zed Books

6 McNeil, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century

7 Odum, E.P., Odum, h.T. & Andrews, J.1971. Fundamentals of Ecology. Philadelphia: Saunders.

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BoS Chairman/HoD
Department of Commerce (IT)
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Course Code	Course Name	Category	L	T	P	Credit
221TL1A2TA	TAMIL - II: ARA ILAKKIYAM	LANGUAGE- I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடுநாகரீகம்,பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத்திறன்கள் (Life Skills) - மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	K2
CO4	சூழலியல் ஆக்கம் (Ecology)	K3
CO5	மொழி அறிவு (Tamil knowledge)	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					✓
CO2			✓	✓	✓
CO3					✓
CO4					✓
CO5	✓				✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A2TA	TAMIL - II: ARA ILAKKIYAM	SEMESTER II

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I **அற இலக்கியம்** 13 h

1. இலக்கிய வரலாறு- பதிணென்கீழ்க்கணக்குநூல்கள்

2.திருக்குறள்

அ. அறன்வலியுறுத்தல்- அ. எண் 04

ஆ. நட்பாராய்தல் - அ. எண் 80

இ. நாடு- அ. எண் 74

ஈ. குறிப்பறிதல்- அ. எண் 110

Unit II **அற இலக்கியம்** 13 h

1. நாலடியார் - அறிவுடைமை

2. மூதுரை - ஔவையார் - 10 பாடல்கள்-6,7,9,10,14,16,17,23,26,30

3. இனியவைநாற்பது- பூதஞ்சேந்தனார் - முதல் 10 பாடல்கள்

Unit III **அறநெறிக் கட்டுரைகள்** 09 h

1. இலக்கியவரலாறு - தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்

2. கலைகள்-உ.வே.சா

3. சங்க நெறிகள்- வ.சுப.மாணிக்கம்

Unit IV **அறநெறிக் கட்டுரைகள்** 15 h

1. வீர வணக்கம் - க.கைலாசபதி

2. தமிழர் பண்பாடு - டாக்டர் சோ.நா.கந்தசாமி

3. இணையத் தமிழ் வளர்ச்சி - முனைவர் ப.அர.நக்கீரன்

Unit V **பயிற்சிப் பகுதி** 10 h

1.இலக்கணம்-வழு, வழுவமைதி,வழாநிலை

2.அலுவலகம் சார்ந்த கடிதம் -விண்ணப்பங்கள், வேண்டுகோள்,முறையீடு

3.படைப்பாக்கம்-பொதுத்தலைப்பில் கட்டுரைகள் எழுதுதல்

Text Book

1 தமிழ் மொழிப்பாடம்-2022-2023,தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி,கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ்,சென்னை. (Unit I to V)

References

1 பேராசிரியர் புலவர் சோம. இளவரசு,எட்டாம் பதிப்பு-2014,தமிழ் இலக்கிய வரலாறு- மணிவாசகர் பதிப்பகம்,சென்னை.

2 பேராசிரியர் முனைவர் பாக்கியமேரி,முதற் பதிப்பு- 2013,இலக்கணம்- இலக்கிய வரலாறு- மொழித்திறன்- பூவேந்தன் பதிப்பகம்,சென்னை. .

3 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY
வலைதள முகவரி : https://www.tamilvu.org

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Course Code	Course Name	Category	L	T	P	Credit
221TL1A2HA	HINDI - II: MODERN LITERATURE	LANGUAGE- I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- the techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					✓
CO2			✓		✓
CO3					✓
CO4		✓			✓
CO5		✓	✓		✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A2HA	HINDI – II: MODERN LITERATURE	SEMESTER II

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 13 h

आधुनिकपद्य – शबरी(श्रीनरेशमेहता)

Unit II 13 h

उपन्यास: सेवासदन-प्रेमचन्द

Unit III 12 h

कहानी-किरीट- डा उषा पाठक / डा अचला पाण्डेय

पाठ 1.कफ़न, 3. चीफ़ की दावत

Unit IV 12 h

पत्र लेखन: (औपचारिक या अनौपचारिक)

Unit V 10 h

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में) (पाठ 1 to 10)

Text Books

1. प्रकाशक: लोकभारती प्रकाशन पहली मंजिल, दरबारी बिल्डिंग,महात्मा गाँधी मार्ग, इलाहाबाद. (Unit I)
2. प्रकाशक: सुमित्र प्रकाशन 204 लीला अपार्ट्मेंट्स, 15 हेस्टिंग्स रोड'अशोक नगर इलाहाबाद. (Unit II)
3. प्रकाशक: राधाकृष्ण प्रकाशन दिल्ली. (Unit III)
4. पुस्तक: व्याकरण प्रदिप – रामदेवप्रकाशक: हिन्दी भवन 36 इलाहाबाद. (Unit IV)
5. प्रकाशक: दक्षिण भारत प्रचार सभा चेनैई. (Unit V)

Course Code	Course Name	Category	L	T	P	Credit
221TL1A2MA	MALAYALAM - II: MODERN LITERATURE	LANGUAGE -I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1					✓
CO2			✓	✓	✓
CO3					✓
CO4					✓
CO5	✓				✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A2MA	MALAYALAM- II: MODERN LITERATURE	SEMESTER II

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I **Novel** 12 h

Enmakaje: Chapter1- Chapter5

Unit II **Novel** 10 h

Enmakaje: Chapter 6- Chapter 10

Unit III **Novel** 12 h

Enmakaje: Chapter 11- Chapter 15

Unit IV **Autobiography** 14 h

Neermathalam Pootha Kalam :Chapter 1- Chapter 10

Unit V **Autobiography** 12 h

Neermathalam Pootha Kalam: Chapter 11- Chapter 20

Text Books

1. Ambika Suthan Mangad, Enmakaje (Novel), DC Books Kottayam, Kerala, India. (Unit I to III)
2. Madhavikkutty, Neermathalam Pootha Kalam (Autobiography), DC Books Kottayam, Kerala, India. (Unit IV & V)

References

1. Malayala Novel Sahithyam, DC Books Kottayam, Kerala, India.
2. Malayala Sahithya Charithram, National Books Kottayam, Kerala, India.

Course Code	Course Name	Category	L	T	P	Credit
221TL1A2FA	FRENCH- II: GRAMMAR, TRANSLATION AND CIVILIZATION	LANGUAGE- I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written- Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Select the Plural, Articles and the Hobbies	K2
CO4	Measure the Cultural Activity in France	K3
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1			✓		✓
CO2			✓	✓	✓
CO3					✓
CO4					✓
CO5	✓				✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A2FA	FRENCH- II: GRAMMAR, TRANSLATION AND CIVILIZATION	SEMESTER II

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 12 h

Proposer, accepter, refuserune invitation. Indiquer la date.	Organiserune soirée au cinéma avec des amis, par téléphone et par courriel.	Comprendreunemessage d'invitationsurunréponde urtéléphonique. Inviter quelqu'un accepter ourefuserl'invitation.

Unit II 12 h

Prendreet fixer un rendez-vous. Demander etindiquerl'heure.	Organiser une soirée au cinéma avec des amis, par téléphone et par courriel.	Comprendre des personnes qui fixentunrendez-vous par téléphonique. Prendreun rendez-vous par telephone

Unit III 12 h

Exprimer son point de vuepositif et négatif. S'informersur le prix. S'informersur la quantitité. Exprimer la quantitité.	Engroupes, choisir un cadeau pour un ami.	Exprimer son point de vuesur des idées de cadeau. Faire des achatsdans un magasin

Unit IV 14h

Demander etindiquerune direction. Localiser (près de, en face de ….). Exprimerl'obligationl'Interdit.Conseiller.	Suivre un itinéraire à l'aided'indications par telephone et d'un plan. Par courrierélectronique, donner des informations et des conseils à un ami qui veut voyager.	Comprendre des indications de direction. Comprendre des indications de lieu. Comprendreune chanson. Comprendre de courts messages qui experiment l'obligationoul'interdiction Donner des conseils à des personnesdans des situations données.

Unit V 10 h

Make in Own Sentences

Text Book

1 Regine Merieux, Yves Loiseau, "LATITUDES - 1" (Page No: 56-101) (Methode de Français), Goyal Publisher & Distributors Pvt Ltd., 86 UB Jawahar Nagar (Kamala Nagar), New Delhi-7 Les Editions Dider, Paris, 2008- Imprimeen Roumanie par Canaleen Janvier 2012.(Unit I toIV)

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Course Code	Course Name	Category	L	T	P	Credit
221EL1A2EA	PROFESSIONAL ENGLISH - II	LANGUAGE - II	4	-	1	3

PREAMBLE

This course has been designed for students to learn and understand

- the language for specific purposes through various literary manuscripts
- the process of communicative competences in academics through authentic contexts
- the different formats of business correspondence with lucidity and accuracy via various media

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Relate and appreciate the eminent writers works of various genres	K1
CO2	Infer and comprehend complex situational talks	K2
CO3	Identify formal and informal communicative context to speak fluently	K3
CO4	Construct the denotative and connotative meanings while reading specialized texts	K3
CO5	Develop the skill of writing through descriptions, narrations and essays	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1				✓	✓
CO2	✓	✓		✓	✓
CO3		✓			✓
CO4			✓		✓
CO5	✓	✓	✓	✓	✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221EL1A2EA	PROFESSIONAL ENGLISH - II	SEMESTER II

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Genre Studies 12 h

John Keats: La Belle Dame Sans Merci - Author's Note - title indications- outline- paraphrasing the poem- context of poem- form- poetic devices- enjambment- techniques- Annotations

A.G. Gardiner: On Keyhole Morals- Author's Note- Title indications- Outline - Passage Analysis - context of the Prose - Narrative techniques- Style

Charles Lamb: A Dissertation upon Roast Pig- Author's Note - title indications- outline- paraphrasing the Essay- context of Essay- form-devices- Narrative techniques

John Galsworthy: The Silver Box- Author's Note- Plot Summary- Critical Analysis- Themes- Characters- Description - analysis- Terms- Symbols

Unit II Listening Skills 10 h

Listening to Talks/Lectures by Specialists on selected subject specific topics- Listening to Public Announcements- Listening to Instructions & Directions- Listening to Speeches- Listening to process/event descriptions to identify cause & effects

Unit III Speaking Skills 14 h

Small Talk- Mini Presentations and Making Recommendations- Group Discussions, Debates, and Expressing opinions through Role play– Picture Description- Giving Instruction to Use a Product- Presenting a Product- Summarizing a Lecture- Narrating Personal Experiences/ Events- Interviewing a Celebrity- Scientific Lectures- Educational Videos- Debates- Different Viewpoints on an Issue

Unit IV Reading Skills 12 h

Reading Biographies, Newspaper Reports, Technical Blogs- Reading Advertisements- Gadget Reviews - Newspaper Articles- Journal Reports- Reading Editorials & Blogs- Case Studies- Excerpts from Literary Texts

Unit V Writing Skills 12 h

Inferring & Interpreting- Predicting Reorganizing Material- Summary Writing Based on the Reading Passages- Writing – Emails & Essay Writing (Descriptive or narrative)- Grammar - Tenses- Question Types: Wh/ Yes or No/ and Tags

Text Books

1 <https://www.poetryfoundation.org/poems/44475/la-belle-dame-sans-merci-a-ballad/> (Unit I)

2 <https://sittingbee.com/on-keyhole-morals-a-g-gardiner/> (Unit I)

3 <https://www.gradesaver.com/charles-lamb-essays/study-guide/summary- a-dissertation-upon-roast-pig/> (Unit I)

4 <https://public-library.uk/ebooks/41/61.pdf- The Silver Box- John Galsworthy/> (Unit I)

5 Hart, Steve, Aravind R.Nair, Veena Bhambhani. 2016. Embark: English for Undergraduates. Cambridge University Press, New Delhi, India. (Unit II)

6 Lakshminarayanan. 2012. A Course Book On Technical English. Scitech Publications Pvt. Ltd, New Delhi, India. (Unit III))

7 Raman, Meenakshi & Sangeeta Sharma. 2016. Technical Communication-Principles And Practice, Oxford University Press, New Delhi, India. (Unit IV)

8 Viswamohan, Aysha. 2017. English For Technical Communication (With CD), McGraw Hill (India) Private Limited, New Delhi, India.(Unit V)

References

1 Bajwa and Kaushik. 2010. Springboard to Success- Workbook for Developing English and Employability Skills. Orient Black Swan, Chennai, India.

2 Chellammal, V. 2003. Learning to Communicate. Allied Publishing House, New Delhi, India.

3 Krishnaswamy. N, Lalitha Krishnaswamy & B.S. Valke. 2015. Eco English, Learning English through Environment Issues. An Integrated, Interactive Anthology. Bloomsbury Publications, New Delhi, India.

4 Syamala. V. 2002. Effective English Communication for You. Emerald Publishers, Chennai, Tamil Nadu, India.

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Course Code	Course Name	Category	L	T	P	Credit
225BP1A2CA	ADVANCED FINANCIAL ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- procedures in Branch and Departmental Accounting.
- recording of transactions in Hire purchase and Instalment system of Accounting.
- accounting treatments in Admission, Retirement cum death and Insolvency of a Partnership Firm.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Apply the accounting practices in Branch and Departmental accounting.	K3
CO2	Interpret the Hire purchase and Instalment system of accounting.	K2
CO3	Understand the procedures related to calculation of ratios and Accounting Treatment of Admission of a Partner.	K2
CO4	Solve the accounting treatments at the time of Retirement and Death in the books of Partnership Firm.	K3
CO5	Analyze the Valuation of Assets and Liabilities in the case of Dissolution and Insolvency of Firms.	K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓		✓	✓
CO2	✓			✓	✓
CO3	✓			✓	✓
CO4	✓			✓	✓
CO5	✓			✓	✓

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225BP1A2CA	ADVANCED FINANCIAL ACCOUNTING	SEMESTER II

Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I **Branch and Departmental Accounting** 15 h

Branch Accounting: Objects - Types of Branch Accounting – Dependent Branches – Features – Accounting in respect of Dependent Branches – Debtors System only – Cost Price and Invoice Price – Independent Branches (Theory only).

Departmental Accounting: Need - Advantages - Distinction between Branches and Departments– Methods and Techniques of Departmental Accounting.

Case Study on Branch Accounts.

Unit II **Hire Purchase and Instalment Purchase Systems** 14 h

Hire Purchase System – Features - Distinction between Hire Purchase System and Instalment System – Accounting treatment for Hire Purchase System – Model Journal Entries - Calculation of Interest – Hire Purchase Trading Account – Debtors Methods – Stock and Debtors System (Excluding Default and Repossession).

Unit III **Partnership Accounting: Admission of a Partner** 15 h

Partnership Deed – Division of Profits – Capital Accounts – Fixed and Fluctuating Capital – Interest on Capital and Drawings - Admission of a Partner - Calculation of New Profit sharing Ratios. Goodwill: Need for Valuation of Goodwill - Treatment of Goodwill - Revaluation of Assets and Liabilities.

Case Study on Admission of a Partner.

Unit IV **Retirement and Death of a Partner** 14 h

Retirement (Excluding Retirement cum Admission) and Death of a Partner: Calculation of New Profit sharing ratio – Treatment of Goodwill on Retirement/ Death of a Partner – Adjustment of Capital after Retirement - Death of a Partner: Mode of payment – Special Treatments.

Unit V **Dissolution of a Firm** 14 h

Meaning - Modes of Dissolution- Settlement of Accounts - Accounting Treatment - Normal Dissolution – Insolvency of a Partner (Excluding Insolvency of all Partners) - Garner vs. Murray – Capital Ratio Under Fixed Capital Method and Fluctuating Capital Method.

Case Study on Garner vs. Murray.

Note: Distribution of marks 80% Problem and 20% Theory

Case studies (Examined Internal only).

Text Books

1 Reddy T.S. and Murthy A. 2020, Advanced Accountancy [Second Revised Edition], Margham Publications, Chennai.

2 Jain S.P and Narang K.L., 2019, Advanced Accountancy - Principles of Accounting Including GST Volume I [Twentieth Revised Edition], Kalyani Publishers, New Delhi.

References

1 Pillai R.S.N., Bagavathi and Uma.S., 2012, Fundamentals of Advanced Accounting (Volume I), [Third Revised Edition], Sultan Chand & Company Ltd, New Delhi

2 R.L. Gupta & Radhasamy., 2018, Advanced Accountancy - Volume I, Thirteenth Edition, Sultan Chand & Sons, New Delhi.

3 Shukla M.C Grewal, T.S Gupta S.C., 2016, Advanced Accounts - Volume I, [Nineteenth Edition]. S.Chand & Company Pvt. Ltd, New Delhi.

4 Hanif and Mukherjee, 2015, Modern Accountancy, (Volume I) [Second Edition], Tata Mcgraw Hill Publishing Co. Ltd., Chennai.

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Course Code	Course Name	Category	L	T	P	Credit
225CI1A2CA	FUNDAMENTALS OF INFORMATION TECHNOLOGY	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the latest trends in the technological Developments.
- the business implications with Information Technology.
- the learning opportunities for students in challenged circumstances of Information Technology.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the concepts of Computer organization and Arithmetic.	K2
CO2	Study the applied aspects of Computer Network.	K3
CO3	Understand how Internet and mailing system can be used for business world.	K2
CO4	Apply office automation concepts in the real world of Commerce.	K3
CO5	Understand the data handling concepts.	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		
CO2		✓	✓		
CO3		✓	✓	✓	
CO4	✓	✓	✓		
CO5		✓	✓	✓	

COURSE FOCUSES ON:

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225CI1A2CA	FUNDAMENTALS OF INFORMATION TECHNOLOGY	SEMESTER II

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I **Computer Organization** 10 h

Introduction: Components of Information Technology - Types of Information Systems – Hardware and Software - Types of Software - Programming language: machine- assembly and high level languages - Language Processors: Assemblers - Interpreters - Compiler and Editors- Number System: Binary- Octal- Decimal and Hexadecimal number systems and their conversion

Case Study on Fundamentals of Computer

Unit II **Fundamentals of Computer network** 10 h

Introduction - Features - Architecture of computer networks - Components of network - computer network types - Topologies - Transmission modes - Network security: Introduction - Aspects of network security - Security - Privacy - Digital signature

Case Study on Networking Concepts

Unit III **Introduction to Internet** 10 h

Introduction to Internet -Intranets and Extranets – Working of Internet - Modes of connecting to Internet - Internet Terminologies - WWW - Search engine - Wireless System – Web Hosting Overview of E-Mail - E-Mail Message Components - Message composition - E-mail inner workings - E-mail management - MIME types - Newsgroups - Mailing lists.

Unit IV **Office Automation** 10 h

MS Word – Creating a new document – Editing – Working with margins - Pages and line spaces -Adding Headers, Footers and Page numbering – Printing documents – MS Excel – Creating a new workbook – Entering data into the worksheets – Editing worksheets – Adding Cell borders and shading working with ranges – Managing and printing workbook – Simple calculations – Copying formulas – Creating charts.

Unit V Data Handling 08 h

MS PowerPoint – Creating a new presentation – working with slides in different views – Printing presentations - Inserting, Deleting and copy slides – Rearranging slides – adding and modifying slide text - Adding graphics to slide - MS Access – Creating a new database creating and editing table – Entering and editing data in table – Creating relationships between tables – Creating and modifying a form

Case Study on MS Access DB Connectivity.

Note: Case study (Examined Internal only)

Text Books

1 Ramesh Paul, 2020," Information Technology for Management", Third Edition, Tata McGraw-Hill Publishing Co Ltd, New York (USA).

2 V.Rajaraman, 2018, "Introduction to Information Technology", Third Edition, PHI Learning, New Delhi.

References

1 Anshuman Sharma , 2016, "A Book of Fundamentals of Information Technology", First Edition, Lakhanpal Publications, Punjab.

2 Puneet Kumar, Sushil Bhardwaj , 2019, "Fundamentals of Information Technology", Fourth Edition , Kalyani Publishers, Hyderabad.

3 Pradeep K .Sinha, Priti Sinha , 2016," Information Technology Theory and Practice", First Edition, PHI Learning, New Delhi.

4 Ramesh Bangia, 2016, "Computer Fundamentals and Information Technology", Second Edition, Laxmi Publications, New Delhi

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225CI1A2CP	CORE PRACTICAL : SPREADSHEET APPLICATIONS - II	SEMESTER II

Total Credits: 2
Total Instructions Hours: 48 h

S.No	List of Exercises
1	**Text Functions:** Upper, Lower , ProperLeft, Mid, Right,Find, Substitute Trim, Len, Exact,Concatenate
2	**Applications of formula:** Use the Function Wizard, Common functions (Average, Min, Max, Count, CountA, Round, INT)
3	**Functions:** What-if-analysis, Goal Seek, Reporting, Character Functions, Age Calculations, Data Validation
4	**Data Analysis:** Sub Total Reports, Auto Filter, Password Protecting Worksheets, Linking Multiple Sheets, Sheet Referencing, Linking Between Word/Excel/PPT
5	**Mathematical Functions:** SumIf, CountIf, AverageIf, NestedIf, If Error, AND, OR, NOT
6	**Pivot Table:** Adding Slicers tool in Pivot and Table, Basic and Advanced Value Field Setting
7	**Sorting and Filtering:** Filtering on texts, numbers and colours, Sorting options
8	**Advanced Paste Special Techniques:** Paste formulas, paste formats, Paste validations, Transpose Tables
9	**Protecting Excel:** File Level Protection, Workbook, Worksheet Protection
10	**Printing Workbooks:** Setting up print area, Customizing header and footer, Designing the structure of templates
11	Finding Positive and Negative Number
12	Date and Time Functions

Note: Out of 12 exercises 10 mandatory

Software: MS Excel

References

1. Puneet Kumar, Sushil Bhardwaj , 2019, "Fundamentals of Information Technology", Fourth Edition , Kalyani Publishers, Hyderabad.
2. Rajaraman v, 2018, "Introduction to Information Technology", Third Edition ,PHI Learning, New Delhi.
3. Ramesh Paul, 2020," Information Technology for Management", Third Edition, Tata McGraw-Hill Publishing Co.Ltd, New York (USA).
4. Anshuman Sharma , 2016, "A Book of Fundamentals of Information Technology", First Edition, Lakhanpal Publications, Punjab.

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Course Code	Course Name	Category	L	T	P	Credit
222MT1A2IA	BUSINESS STATISTICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the requirement of a good average and differentiate between average and dispersion
- the importance and the limitations of correlation and regression analysis
- the concept of probability and time series

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	identify the measures of average	K1
CO2	identify the measures of dispersion	K1
CO3	explain the concepts of probability	K2
CO4	determine the correlation and regression values	K2
CO5	analyze the components of time series	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2				✓	
CO3		✓		✓	
CO4				✓	✓
CO5	✓			✓	✓

COURSE FOCUSES ON:

✓	Skill Development		Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

222MT1A2IA	BUSINESS STATISTICS	SEMESTER II

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I **Measures of Central Tendency** 10 h

Introduction- arithmetic mean- median - mode - comparison of the mean, median and mode- geometric mean- harmonic mean.

Unit II **Measures of Dispersion** 9 h

Introduction- importance - range - interquartile range - interfractile range - mean deviation- standard deviation- relative dispersion- co-efficient of variation.

Unit III **Probability** 8 h

Introduction - Probability theory - basic terminologies - three types - axioms - conditions of statistical independence and dependence - Baye's theorem.

Unit IV **Correlation and Regression Analysis** 12 h

Concept and importance - correlation and causation-types - graphic and algebraic methods -coefficient of determination-rank correlation-some limitations -regression model-estimation using the regression line- method of least squares-alternative approach-regression co-efficient.

Unit V **Time Series Analysis and Forecasting** 9 h

Introduction- components of a time series- trend- seasonal variation- cyclical variation- irregular variation - forecasting.

Note: Distribution of marks 80% Problem and 20% Theory

Text Books

1 Beri G C,2010, "Business Statistics", Third Edition, McGraw-Hill Education Private Limited, New Delhi.

References

1 Das, N.G & Das J.K,2012, "Business Mathematics and Statistics", First Edition, McGraw Hill Education Private Limited , New Delhi.

2 Asim Kumar Manna, 2018, "Business Mathematics and Statistics", First Edition, McGraw Hill Education Private Limited , New Delhi.

3 Pillai. R.S.N. and Bagavathi. V, 2002, "Statistics", Fourteenth Edition, Sultan Chand, New Delhi.

4 Navnitham. P.A,2022, "Business Mathematics and Statistics", Fourth Edition, Jai Publishers, Trichy.

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221TL1A2AA	BASIC TAMIL	SEMESTER II

Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2022 – 23ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது

(10 மற்றும் 12 – ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு)

(பருவத் தேர்வு இல்லை)

Syllabus

Unit I **தமிழ் மொழியின் அடிப்படைக் கூறுகள்** 05 h

எழுத்துகள் அறிமுகம்

1. உயிர் எழுத்துக்கள் - குறில் , நெடில் எழுத்துகள்
2. மெய் எழுத்துக்கள் - வல்லினம், மெல்லினம், இடையினம்
3. உயிர்மெய் எழுத்துக்கள்
4. பயிற்சி

Unit II **சொற்களின் அறிமுகம்** 05 h

1.பெயர்ச்சொல்

2.வினைச்சொல் – விளக்கம் (எ.கா.)

3.பயிற்சி

Unit III **குறிப்பு எழுதுதல்** 05 h

1. பெயர், முகவரி, பாடப்பிரிவு , கல்லூரியின் முகவரி

2. தமிழ் மாதங்கள்(12), வாரநாட்கள் (7)

3. எண்கள் (ஒன்று முதல் பத்து வரை), வடிவங்கள், வண்ணங்கள்

Unit IV **குறிப்பு எழுதுதல்** 05 h

1. ஊர்வன, பறப்பன, விலங்குகள்

2.மனிதர்களின் உறவுப்பெயர்கள்

3. ஊர்களின் பெயர்கள் (எண்ணிக்கை 10)

Unit V **பயிற்சிப் பகுதி** 04 h

பயிற்சிப் பகுதி (உரையாடும் இடங்கள்)

வகுப்பறை, பேருந்து நிலையம், சந்தை – பேசுதல், எழுதுதல்.

Notes:

அக மதிப்பீட்டுத் தேர்வு - வினாத்தாள் அமைப்பு முறை — மொத்த மதிப்பெண்கள் - 50

பகுதி – அ

சரியான விடையைத் தேர்வு செய்தல் — 10x2=20

பகுதி – ஆ

சரியா? தவறா? — 10x2=20

பகுதி – இ

ஒரு பக்க அளவில் விடையளிக்க — 1x10=10

குறிப்பு:

- அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
- பகுதி இ –க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அமைதல் வேண்டும்

Text Book

1 அடிப்படைத் தமிழ் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர் – 641048, வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit I to IV)

References

1 ஒன்றாம் வகுப்பு பாடநூல் - தமிழ்நாடு அரசு பாடநூல் கழகம், சென்னை.

2 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி : https://www.tamilvu.org.

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221TL1A2AB	ADVANCED TAMIL	SEMESTER II

Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2022– 2023 ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது

(10 மற்றும் 12 – ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு உரியது)

(பருவத் தேர்வு இல்லை)

Syllabus

Unit I **கவிதைகள்** 06 h

1தமிழ்நாடு - பாரதியார்

2.மனதில் உறுதி வேண்டும் - பாரதியார்

3. இன்பத்தமிழ் - பாரதிதாசன்

4.வேலைகளல்ல வேள்விகள் - தாராபாரதி

5.தமிழா! நீ பேசுவது தமிழா! - காசியானந்தன்

6. நட்புக் காலம் (10 கவிதைகள்) - அறிவுமதி கவிதைகள்

Unit II **கட்டுரை** 05 h

கட்டுரைத் தொகுப்பு - நல்வாழ்வு - டாக்டர் மு.வரதராசன்

1. நம்பிக்கை
2. புலனடக்கம்
3. பண்பாடு

Unit III **இலக்கணம்** 04 h

1.வல்லினம் மிகும் மற்றும் மிகா இடங்கள்

2. ர,ற,ல,ழ,ள,ந,ண,ன – வேறுபாடு அறிதல்

Unit IV **கடிதங்கள்** 05 h

1. பாராட்டுக் கடிதம்
2. நன்றிக் கடிதம்
3. அழைப்புக் கடிதம்
4. அலுவலக விண்ணப்பங்கள்

Unit V **பயிற்சிப் பகுதி** 04 h

படைப்பாக்கப் பகுதி

பொதுத் தலைப்புகளில் கவிதை, கட்டுரை எழுதச் செய்தல்

Notes

அக மதிப்பீட்டுத் தேர்வு - வினாத்தாள் அமைப்பு முறை — மொத்த மதிப்பெண்கள் - 50

பகுதி – அ

சரியான விடையைத் தேர்வு செய்தல் — 10x1=10

பகுதி – ஆ

கோடிட்ட இடங்களை நிரப்புக. — 10x2=20

பகுதி – இ

இரண்டு பக்க அளவில் விடையளிக்க — 2x10=20

குறிப்பு:

- அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
- பகுதி இ –க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அமைதல் வேண்டும்

Text Book

1 சிறப்புத் தமிழ் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit- I to IV)

References

1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு. 2014. தமிழ் இலக்கிய வரலாறு – மணிவாசகர் பதிப்பகம், சென்னை.

2 டாக்டர் மு.வரதராசன். 2010. நல்வாழ்வு, பாரி நிலையம், சென்னை.

3 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு. 2013. இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்

4 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி : https://www.tamilvu.org

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Course Code	Course Name	Category	L	T	P	Credit
225CR1A2AA	HUMAN RIGHTS AND WOMEN'S RIGHTS	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- Concepts of Human Rights.
- human Right Violations and Redressal Mechanism.
- rights to Women and Child.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the Basic concepts of Human Rights	K1
CO2	Describe the Fundamental Rights	K2
CO3	Relate Human Right Violations and Redressal Mechanism.	K3
CO4	State the Rights to Women and Child	K2
CO5	Apply Civil and Political Rights of Women	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1				✓	✓
CO2	✓	✓		✓	✓
CO3		✓			✓
CO4				✓	✓
CO5			✓	✓	✓

COURSE FOCUSES ON:

	Skill Development		Entrepreneurial Development
	Employability		Innovations
	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

225CR1A2AA	HUMAN RIGHTS AND WOMEN'S RIGHTS	SEMESTER II

Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I **Introduction to Human Rights** 04 h

Meaning - Definition - Nature - Content - Legitimacy of Human Rights - Origin and Development of Human Rights - Theories – Principles of Magna Carta – Modern Movements of Human Rights – The Future of Human Rights.

Unit II **Human Rights in India** 05 h

The Constitution of India – Fundamental Rights – Right to Life and Liberty – Directive Principles of State Policy – Fundamental Duties – Individual and Group Rights – Other facets of Human Rights – Measures for Protection of Human Rights in India.

Unit III **Human Right Violations and Redressal Mechanism** 05 h

Human Rights – Infringement of Human Right by State Machinery and by Individual – Remedies for State action and inaction – Constitutional Remedies – Public Interest Litigation (PIL) - Protection of Human Rights Act, 1993 – National Human Rights Commission – State Human Rights Commissions – Constitution of Human Right Courts.

Unit IV **Rights to Women and Child** 05 h

Matrimonial protection - Protection against dowry - Protection to pregnancy - Sexual offences - Law relating to work Place - Directive principles of Constitution (Article 39 a, d, e & Article 42, 43 & 46) - Trafficking of women - Constitutional Rights – Personal Laws - Protection of children against Sexual Offences Act 2012 (POCSO).

Unit V **Civil and Political Rights of Women** 05 h

Right of Inheritance - Right to live with decency and dignity - The Married women's Property Act 1874 - Women's right to property - Women Reservation Bill - National Commission for Women - Political participation - Pre independent political participation of women - Participation of Women in post independent period.

Text Books

1 Lalit Parmar, 1998, "Human Rights", Anmol Publications Pvt. Limited, New Delhi.

2 Krishna Pal Malik, 2009, "Women & Law ", Allahabad Law University, New Delhi.

References

1 Mandagadde Rama Jois, 2015, "Human Rights", Bharatiya Values, Bharatiya Vidya Bhavan Publications, Mumbai.

2 Paras Diwan and Piyush Diwan, 1994, "Women and Legal Protection", South Asia Books, Andhra Pradesh.

3 Venkataram and Sandhiya. N, 2001, "Research in Value Education", APH Publishing Corporation, New Delhi.

4 Anand A S, 2008, "Justice for Women: Concerns and Expressions", Universal Law Publishing Co., New Delhi.

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Course Code	Course Name	Category	L	T	P	Credit
221TL1A3TA	TAMIL - III	LANGUAGE - I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடுநாகரீகம், பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத்திறன்களை ஊக்குவித்தல்

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	வாழ்க்கைத்திறன்கள் (Life Skills) - மாணவர்களின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2
CO3	பாடஇணைச்செயல்பாடுகள் (Co-curricular activities)	K2
CO4	சூழலியல் ஆக்கம் (Ecology)	K3
CO5	மொழி அறிவு(Tamil knowledge)	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓			
CO2				✓	
CO3		✓			
CO4	✓				
CO5	✓			✓	✓

COURSE FOCUSES ON

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A3TA	TAMIL - III	SEMESTER III

Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I **காப்பியங்கள்** 10 h

1. சிலப்பதிகாரம் – வழக்குரை காதை

2. மணிமேகலை – ஆதிரை பிச்சையிட்ட காதை

Unit II **காப்பியங்கள்** 10 h

1. கம்பராமாயணம் - கும்பகர்ணன் வதைப்படலம்: பா. எண் : 60 முதல் – 100 வரை

2. பெரிய புராணம் - அதிபத்த நாயனார் புராணம்

Unit III **சிற்றிலக்கியங்கள்** 10 h

1.திருக்குற்றாலக்குறவஞ்சி - வசந்தவல்லி பந்தாடிய சிறப்பு (6: 4 கண்ணிகள்)

2.கலிங்கத்துப்பரணி- களம் பாடியது: போர்க்களக் காட்சி- பா.எண்: 472 முதல்- 502 வரை

Unit IV **இலக்கிய வரலாறு** 10 h

1.காப்பியங்களின் தோற்றமும் வளர்ச்சியும்

2.சிற்றிலக்கியங்களின் தோற்றமும் வளர்ச்சியும்

3.நாடகத்தின் தோற்றமும் வளர்ச்சியும்

Unit V **இலக்கணம் & பயிற்சிப் பகுதி** 08 h

அ. இலக்கணம்

1.'பா' வகைகள் : வெண்பா, ஆசிரியப்பா, கலிப்பா, வஞ்சிப்பா - பொது இலக்கணம் மட்டும்.

2. அணி: உவமையணி, உருவக அணி, இல்பொருள் உவமையணி விளக்கம், உதாரணம்.

ஆ. பயிற்சிப் பகுதி

1. வாசகர் கடிதம் : நாளிதழ்,வானொலி,செய்தி ஊடகங்களுக்கு

விமர்சனம் எழுதுதல்

2.திரைக்கதை : மத்திய மற்றும் மாநில அரசு விருது பெற்ற தமிழ்த் திரைப்படங்கள் மட்டும்

Text Book

1 தமிழ் மொழிப்பாடம் - 2022-2023, தொகுப்பு: தமிழ்த்துறை, டாக்டர் என். ஜி. பி. கலை அறிவியல் கல்லூரி, கோயம்புத்தூர். வெளியீடு: நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை. (Unit I to V)

References

1 பேராசிரியர் புலவர் சோம. இளவரசு, எட்டாம் பதிப்பு - 2014, தமிழ் இலக்கிய வரலாறு- மணிவாசகர் பதிப்பகம், சென்னை.

2 பேராசிரியர் முனைவர் பாக்கியமேரி, முதற் பதிப்பு- 2013, இலக்கணம் - இலக்கிய வரலாறு - மொழித்திறன் - பூவேந்தன் பதிப்பகம், சென்னை. .

3 தமிழ் இணையக் கல்விக்கழகம் - TAMIL VIRTUAL ACADEMY. வலைதள முகவரி: https://www.tamilvu.org

Course Code	Course Name	Category	L	T	P	Credit
221TL1A3HA	HINDI - III	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature
- the techniques for expansion of ideas and translation process

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2		✓			
CO3	✓		✓	✓	
CO4					
CO5	✓	✓	✓		

COURSE FOCUSES ON

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A3HA	HINDI – III	SEMESTER III

Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 10 h

पद्य – काव्य पराशर (भोलानाथ)

(प्राचीन- कबीर, तुलसी, सुर, मीरा, आधुनिक- मैथिलीशरण गुप्त, अरूण कमल)

Unit II 10 h

हिन्दी साहित्य का इतिहास: (साधारण ज्ञान)

Unit III 10 h

अलंकार:अनुप्रास,यमक, श्लेष, वक्रोक्ति, उपमा,रूपक

Unit IV 10 h

संवाद लेखन

Unit V 08 h

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में)

(पाठ 10 to 20)

Text Books

1. प्रकाशक: जवाहर पुस्तकालय सदर बाजार, मथुरा उत्तर प्रदेश-281001 (Unit I)
2. आचार्य रामचन्द्र शुक्ल लोकभारती प्रकाशन इलाहाबाद. (Unit II)
3. प्रकाशक: विनोद पुस्तक मंदिर आगरा-282002 (Unit III)
4. पुस्तक: व्याकरण प्रदिप - रामदेव प्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024 (Unit IV)
5. प्रकाशक: दक्षिण भारत प्रचार सभा चेनैई -17 (Unit V)

Course Code	Course Name	Category	L	T	P	Credit
221TL1A3MA	MALAYALAM - III	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the writing ability and develop reading skill
- the various concepts and techniques for criticizing literature, to learn the techniques for expansion of ideas and translation process
- the competency in translating simple Malayalam sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the fundamentals of novels and stories	K1
CO2	Understand the principles of translation work	K2
CO3	Expose the knowledge writing critical views on fiction	K2
CO4	Build creative ability	K3
CO5	Apply the power of creative reading	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	
CO2	✓				
CO3		✓	✓		
CO4	✓			✓	
CO5	✓	✓	✓		

COURSE FOCUS ON

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A3MA	MALAYALAM - III	SEMESTER III

Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I **Poetry** 10 h

Kumaranasan

Unit II **Poetry** 10 h

Kumaranasan

Unit III **Poetry** 10 h

Kumaranasan

Unit IV **Poetry** 10 h

Vayalar Ramavarma

Unit V **Poetry** 08 h

Vayalar Ramavarma

Text Books

1. Kumaranasan. 1998. Chinthavishtayaya Sitha. DC Books Kottayam, Kerala, India. (Unit I to III)
2. Ayisha (Poem), National Book Stall Kottayam, Kerala, India. (Unit IV & V)

Reference

1. Dr.M.Leelavathy. Kavitha Sahithya Charithram. Sahithya Academy Thrissur, Kerala, India.

Course Code	Course Name	Category	L	T	P	Credit
221TL1A3FA	FRENCH - III	LANGUAGE- I	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the Competence in General Communication Skills – Oral + Written- Comprehension & Expression
- the Culture, life style and the civilization aspects of the French people as well as of France
- the students to acquire Competency in translating simple French sentences into English and vice versa

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Learn the Basic verbs, numbers and accents	K1
CO2	Apply the adjectives and the classroom environment in France	K2
CO3	Select the Plural, Articles and the Hobbies	K2
CO4	Measure the Cultural Activity in France	K3
CO5	Evaluate the sentiments, life style of the French people and the usage of the conditional tense	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				
CO2	✓	✓			
CO3			✓	✓	
CO4	✓	✓			
CO5	✓		✓	✓	

COURSE FOCUSES ON

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221TL1A3FA	FRENCH - III	SEMESTER III

Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 10 h

° Décrireun lieu. ° Situer	A partird'unerecherche de documents, composer une presentation touristique pour un magazine ou un site internet.	Comprehendre la description d'un lieu. Décrireunevilleouunerégionq u'onaime. Interrogersur la situation of d'un lieu. Comprendre des indications sur la fréquenced'actions.	Comprendreune presentation de catalogue touristique. Comprendre des pictogrammes. Comprendre la description d'un lieu et d'une situation precise dans un message électronique.

Unit. II 10 h

Se situerdans le temps.	A partird'unerecherc he de documents, composer une presentation touristique pour un magazine ou un site internet.	Comprehendre la description d'un lieu. Décrireunevilleouunerégio nqu'onaime. Interrogersur la situation of d'un lieu. Comprendre des indications sur la fréquenced'actions.	Comprendreune presentation de catalogue touristique. Comprendre des pictogrammes. Comprendre la description d'un lieu et d'une situation precise dans un message électronique.

Unit III 10 h

Raconter. ° Décrire les étapesd'une action.	Raconterune scene insolite à l'oreal et à l'écrit.	Comprehendre le récit d ún voyage. Raconterses actions quotidiennes.	Ecrire une biographie a partir d'eléments écrits.

Unit IV 10 h

Exprimer l'intensité et la quantité. ° Interroger.	Raconterune scene insoliteà l'oreal et à l'écrit.	Comprehendre le récit d ún voyage. Raconterses actions quotidiennes.	Ecrire une biographie a partir d'eléments écrits.

Unit V 08 h

Make in Own Sentences based on the above Lessons

Text Book

1 LATITUDES 1 (Méthode de français) Pages from 102-127, Author : Regine Mérieux, Yves Loiseau (Unit I to IV)

Course Code	Course Name	Category	L	T	P	Credit
221EL1A3EA	PROFESSIONAL ENGLISH - III	LANGUAGE- II	3	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the basics of English grammar and specific usage
- the importance of the vocabulary and use in different contexts
- the necessity of communication and composition writing skills

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Infer the specific usage of while-listening process	K2
CO2	Organize the various abilities and sub-skills involved in reading	K3
CO3	Utilize the importance of speaking skills and developing it through various practices	K3
CO4	Assume the sentence construction and paragraph development	K4
CO5	Acquire all-round mature outlook to function effectively in different context	K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1			✓		✓
CO2	✓	✓		✓	
CO3	✓		✓		✓
CO4	✓		✓		]
CO5	[]	[✓]	[]	[✓]	[]

COURSE FOCUSES ON

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
✓	Intellectual Property Rights	✓	Gender Sensitization
✓	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

221EL1A3EA	PROFESSIONAL ENGLISH - III	SEMESTER III

Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I Listening and Reading 09 h

Listening in casual conversation, Small group and Conference setting - Listening for Factual Information, Detail and Situation - Developing Listening skills- Why do we avoid Listening- Poor Listening - Disadvantages - Poor listening vs Effective Listening - Basics of Reading- efficient and inefficient readers- Advantages – Benefits and Effective reading and comprehension skills- Need for Developing Efficient Reading skills- Four Basic steps of Effective Reading - Stumbling blocks in becoming an effective Reader- Improving Vocabulary power- Strategies for Comprehending and Retaining content- Effective Note Taking while Reading

Unit II Speaking 11 h

Purpose of General Conversations- Advantages, features of a good conversation- Tips for improving conversation- public speaking- importance of public speaking- Benefits, Tips, Overcoming fear of public speaking- Preparatory steps - Structuring the contents- Audience Awareness- Mode of Delivery

Unit III Writing Skills 10 h

CV and Job Applications- How to make your letter stand out?- Employers expectation - Organize the material – Useful suggestions- Cover Letter- Content to be included – Tone of the letter - Report Writing- importance – features- Types – main parts – Feasibility report– Accident report- Scientific report- Memos – Introduction – Structure- Proposal Writing- Key factors- Types- Contents- Format- Evaluation

Unit IV Effective Skills in Language 10 h

Using Word's Effectively- Mastering Spelling Techniques- Structuring Phrases and Clauses- Writing Effective Sentences– Building Effective paragraphs- Revising, Editing and Proof reading

Unit V Soft Skills 08 h

Introduction- What are soft skills?- Importance of soft skills- Attributes- Social soft skills- Thinking- Negotiating- Exhibiting- Identifying- Improving- Will formal training enhance your soft skills? - Soft Skills training -Train Yourself- Practicing soft skills- Measuring attitude – Self-Discovery: Importance of knowing yourself- Process - SWOT analysis – Benefits – Usage – SWOT Analysis grid

Text Books

1. Camp and Satterwhite. 1998. College English and Communication. 7th Edition Glencoe Mchrawttill Publishers, New York, Unites States of America. (Unit I, II, III)
2. Kumar, Sanjay and Lata Pushp. 2018. Language and Communication Skills for Engineers. First Edition, Oxford University Press, India. (Unit I, II, III)
3. Mohan, Krishna and Banerji, Meera. 2009. Developing Communication skills. 2nd Edition, Macmillcan, India. (Unit I, II, III, IV)
4. Alex. Soft Skills. 2009. S. Chand Publishing, New Delhi, India. (Unit V)

References

1. Ghosh, B.N. Editor. 2017. Managing Soft Skills for Personality Development. McGraw- Hill Education, Chennai, India.
2. Miles Craven. 2008. Cambridge English Skills Real Listening and Speaking. First Edition, Cambridge University Press, United Kingdom.
3. Mishra, Gauri and Ranjana Kaul.2016. Language Through Literature. Primus Books, India.
4. Pillai G, Radhakrishna. 2000. English for Success. Emerald Publishers, Chennai, India.

Course Code	Course Name	Category	L	T	P	Credit
225CM1A3CA	COST ACCOUNTING	Core	5	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The Costing terms in business
- Process of Cost Accounting Practice
- The concept of Operating cost

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Discuss the methods of cost accounting and know about cost sheet	K2
CO2	Apply different methods of material issue to analyze the level of material control	K3
CO3	Illustrate different methods of wage payment System andAbsorption of overhead among departments	K3
CO4	Compute cost of each process and finished product	K3
CO5	Estimate the Operating Costin Transport	K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓		✓	
CO2	✓	✓		✓	
CO3	✓	✓		✓	
CO4		✓		✓	
CO5	✓	✓		✓	✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225CM1A3CA	COST ACCOUNTING	SEMESTER III

Total Credits: 4
Total Instruction Hours: 60 h

Syllabus

Unit I Cost concept and Cost sheet 10 h

Cost Accounting: Meaning, Definition- Nature and Scope – Concept and Classifications – Costing an aid to Management – Differences between Cost and Financial Accounting - Types and Methods of Cost – Elements of Cost - Preparation of Cost Sheet- Case study on Concept and Classifications.

Unit II Material control and Issue 13 h

Material: Levels of material Control – Need for Material Control – Techniques of inventory control- EOQ- Stock Level-ABC Analysis - Perpetual inventory System.
Purchase and stores Control: Purchasing of Materials – Procedure and documentation involved in purchasing – Requisition for stores – Stores Control – Methods of valuing material issue – LIFO – FIFO – Simple Average - Weighted Average -Case study on ABC Analysis.

Unit III Labour and Overheads Cost 13 h

Labour: System of wage payment – Idle time – Control over idle time – Labour turnover – Methods of Remuneration-Time rate system- Piece rate system-Incentive systems – Halsey Plan – Rowan Plan.

Overhead: Classification of overheads – Allocation of overhead- Absorption of overhead: Primary and Secondary distribution methods–Overhead rates - Computation of Machine Hour Rate -Case Study on Methods of Remuneration.

Unit IV Process costing 12 h

Process costing – Features of Process costing – Process losses, Wastage, Scrap, Normal process loss – Abnormal loss, Abnormal gain. (Excluding Inter process profits and Joint & Equivalent production)

Unit V Operating costing and Reconciliation statements 12 h

Operating Costing- Meaning- Features- Cost Unit in Operating Costing- Transport Costing- Reconciliation of Cost and Financial Statements- Need- Reasons for disagreement in Profit- Procedure of Reconciliation.

Note: Distribution of Marks: 20% theory and 80% problems

Text Books

1 Reddy. T. S and Hari Prasad Reddy Y, 2020,"Cost Accounting", Margham Publications, Chennai.

2 Pillai.R.S.N. and Bagavathi, 2020,"Cost Accounting", Sultan Chand and CompanyLtd., New Delhi.

References

1 Jain S.P and Narang K.L, 2020,"Cost Accounting", Kalyani Publishers, New Delhi.

2 Iyengar.S. P, 2019,"Cost Accounting: Principles and Practice", Sultan Chand & Sons, New Delhi.

3 Khan M. Y, 2017, "Cost Accounting", McGrawHill Education, New Delhi.

4 Saxena V, Vashist. C, 2015, "Advanced Cost Accounting", Sultan Chand and CompanyLtd.,New Delhi.

Course Code	Course Name	Category	L	T	P	Credit
225BI1A3CB	COMPANY LAW	Core	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The formation , promotion and winding up procedure of a Company
- Company Management and its regulatory affairs
- The significant provisions of the Companies Act 2013

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Understand the Corporate rules and regulations for establishing the Company form of Organization	K2
CO2	Examine the contents of the Memorandum of Association & Articles of Association	K3
CO3	Describe the Concepts of Director Appointment, Removal and Remuneration	K2
CO4	Apply the requisites of meeting and resolution	K3
CO5	Analyse the modes of winding up	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓		✓	✓
CO2	✓	✓		✓	✓
CO3	✓	✓		✓	✓
CO4	✓	✓		✓	✓
CO5	✓	✓		✓	✓

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment	✓	Constitutional Rights/ Human Values/ Ethics

225BI1A3CB	COMPANY LAW	SEMESTER III

Total Credits: 4
Total Instruction Hours: 48 h

Syllabus

Unit I Introduction 9 h

Companies Act 2013 – Definition of a Company, Characteristics of Company – Lifting or Piercing the Corporate Veil – Formation and Promotion of a Company - Company Distinguished from Partnership and Limited Liabilities Partnerships – Classification of Companies – Based on Incorporation, Liability, Number of Members, Control.

Unit II Registration of Companies 10 h

Introduction - Contents of Memorandum - Form of Memorandum-Alteration - Doctrine of Ultra vires - Definition of Articles of Association - Provision for Retrenchment - Contents - Difference between Memorandum and Articles of Association - Meaning of Prospectus - Contents of a Prospectus - Types of Prospectus- Doctrine of Indoor Management - Exception to the indoor Management rule - Shares and Debentures.

Case Law relating to Memorandum and Articles of Association

Unit III Company Management 10 h

Meaning- Structure of Company Management - Shareholders - Board of Directors - Legal Position of Directors - Composition of the Board of Directors - Number of Director - Appointment - Removal - Remuneration - Independent Director - Qualification and Disqualification - Powers - Duties and Liabilities - Distinctions between Managers and Managing Directors - Corporate Governance.

Case Law relating to Exercising Powers of Director

Unit IV Company Meetings 10 h

Statutory meeting – Annual General meeting – Extra ordinary General meeting - Board of Directors Meeting – Duties of a Company Secretary to all the company meetings – Drafting of Correspondence relating to the meetings – Notices - Agenda – Chairman's speech – Writing of Minutes-Resolution

Unit V Winding up of Company 9 h

Meaning, Modes of Winding up – Compulsory Winding up by the court – voluntary Winding up – Types of Voluntary Winding up – Members voluntary Winding up – Creditors voluntary Winding up – Winding up subject to supervision of the court – Consequences of Winding up (General).

Case Law in Winding up of Company

Note: Case studies related to the above topics to be discussed (Examined internal only

Text Books

1 Kapoor N. D, 2019, "Elements of Company Law", Thirty First Edition, Sultan Chand and Sons, New Delhi.

2 Reena Chadha and Sumant Chadha, 2019, "Company Law", First Edition Cengage Learning Pvt.Ltd, New Delhi.

References

1 Shanthi.J, 2017, "Company Law and Secretarial Practice", First Edition, Margham Publications, Chennai.

2 Gulshan .S and Kapoor .G.K , 2019, "Business Law" ,Twenty First Edition, New Age Publishers, New Delhi.

3 Sreenivasan M.R, 2017, "Company Law", Third Edition, Margham Publications, Chennai.

4 Gogna P .P .S ,2016, "Company Law" ,Eleventh Edition, Sultan Chand and Sons, New Delhi.

Course Code	Course Name	Category	L	T	P	Credit
225CI1A3CA	C – PROGRAMMING	CORE	5	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the student familiar with components of C programming language.
- this course involves a lab component which is designed to give hands-on experience.
- the fundamental task in finding solutions to problems.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	identify the underlying logic that drives the execution of different applications.	K1
CO2	gain a comprehensive understanding of the fundamental concepts of the C programming language.	K2
CO3	perform analysis and identify errors in the program.	K3
CO4	create an application that focus on memory and storage management functions.	K2
CO5	apply the concepts to address a real-world problem.	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓				
CO2	✓				
CO3	✓				
CO4	✓		✓		
CO5	✓		✓	✓	

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability		Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225CI1A3CA	C – PROGRAMMING	SEMESTER III

Total Credits: 4

Total Instruction Hours: 60 h

Syllabus

Unit I Introduction 10 h

Basic structure of C programs. Constants, variables and data types: Character set – C Tokens – Keywords and identifiers – Declaration of storage classes – Assigning values to variables – Defining symbolic constants

Unit II Operators and expressions 12 h

Evaluation of expressions – Precedence of arithmetic operators – Type conversions in expressions – Operator precedence and associativity – Mathematical functions. Managing input and output operations: Reading and writing a character – Formatted input and output.

Unit III Decision making and branching 12 h

Simple IF, IF-ELSE, Nesting of IF-ELSE, ELSE-IF ladder, Switch statements – GOTO statements. Decision making and looping: WHILE statement – DO statement – FOR statement – Jumps in loops. Arrays: Definition & Declaration – One dimensional – Two dimensional – Multi dimensional arrays.

Unit IV Character arrays and strings 13 h

Introduction – Declaring and initializing string variables – Reading strings from terminal – Writing strings to screen – User Defined functions: Introduction – Needs & Elements of User Defined function – Definition – Return values and their types – Function calls – Function declaration– Category of functions- Error Handling Functions: errno(),perror(),strerror(),Divide by zero error.

Unit V Structures and Unions 13 h

Introduction – Defining a structure – Declaring structure variables – Accessing structure members – Structure initialization – Union. Pointers: Introduction – Understanding pointers – Accessing the address of a variable – Initializing of pointer variables. Pointers and arrays – Pointers and character strings – Pointers as function arguments. Files: Defining, opening, closing a file- IO operation on files – Error handling during IO operations.

Note: 100 % theory only

Text Books

1 Yaswanth kanetkar, .Let us C:Authentix guide to c programming language 18 th edition ,2021.

2 Ashok N.Kamthane,2015 "Programming with ANSI and Turbo C",2nd Edition, Pearson Education Asia

References

1 Deitel & Deitel, 2014, "C How to Program", Third Edition, PHI/Pearson Education Asia.

2 Katrhikeyan.E, 2008, "A Text Book On C : Fundamentals, Data Structures and Problem Solving", Prentice Hall of India

3 Yashavant P Kanetkar., 2010, ANSI C Programming ,First Edition, BPB Publication& New Delhi.

4 Mike Mcgrath., 2010, "C Programming", First Edition, Tata McGraw-Hill Edition Pvt. Ltd & New Delhi.

Course Code	Course Name	Category	L	T	P	Credit
225CO1A3IA	BUSINESS ECONOMICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the concept of demand and supply.
- cost and determine price.
- the integrate macroeconomic factors in business decision making.

COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	identify the concept of demand and consider them in business decision making.	K2
CO2	associate cost and supply.	K2
CO3	respond to dynamic macroeconomic factors in business.	K3
CO4	infer the impact of monetary and fiscal policy on the firm.	K2
CO5	examine a firm's contribution to national income.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	✓			✓	✓
CO2				✓	
CO3				✓	✓
CO4		✓		✓	✓
CO5		✓		✓	✓

Course Focuses on

✓	Skill Development	✓	Entrepreneurial Development
✓	Employability	✓	Innovations
	Intellectual Property Rights		Gender Sensitization
	Social Awareness/ Environment		Constitutional Rights/ Human Values/ Ethics

225CO1A3IA	BUSINESS ECONOMICS	SEMESTER III

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Demand Analysis 8 h

Business Economics: Meaning, Definition, Scope and Significance - Micro and Macroeconomics – Demand: Demand Determinants, Demand Schedules and Demand Curves - Law of Demand – Change in demand and Shift in demand - Types of Demand – Elasticity of Demand: Determinants, Types and Methods of Measuring Price Elasticity of Demand.

Case study on Law of Demand and Supply.

Unit II Cost, Supply and Business Cycle 9 h

Cost of Production – Cost Concepts and its Types. Supply: Determinants of Supply and Law of Supply - Elasticity of Supply and Types of Elasticity of Supply – Business Cycle: Characteristics and Phases – Controlling Business Cycle.

Unit III Price Analysis 10 h

Price and Output Decisions in Perfect and Imperfect Market Competition - Legal Constraints in Pricing - Competition Act 2002 – History and Features - Producer Price Index (PPI). Inflation and Deflation: Meaning, Definition, Causes and Consequences – Consumer Price Index (CPI) - Inflation Rate.

Unit IV Monetary and Fiscal Policy 9 h

Monetary Policy: Meaning and Objectives - Limitations of Monetary Policy – Instruments of Monetary Policy – Monetary Policy Committee (MPC) - Demonetization: Merits and Demerits, History of Demonetization in India - Fiscal Policy: Meaning, Objectives, Instruments and Limitations.\

Case study analysis on Fiscal Policy.

Unit V National Income 12 h

National Income - Definition and Concepts: GDP, NDP, GNP, NNP, Personal Income (PI), Disposable Personal Income (DPI), Per Capita Income (PCI) and Transfer Payments. National Income Accounting - Methods of Computation – Difficulties in Computation of National Income.

Case study on Gross Domestic Product (GDP).

Note: (Case studies Examined internal only)

Text Books

1 Sundharam .K.P.M. & Sundharan. E. N., 2020, "Business Economics", Sultan Chand and Sons, New Delhi.

2 Varshney. R. L and Maheswari. K .L, 2019, "Managerial Economics", Sultan Chand and Sons, New Delhi.

References

1 Radha, 2021, "Business Economics", Prasanna Publishers and Distributers.

2 Sankaran. S., 2015, "Business Economics", Margham Publications, Chennai.

3 Ahuja. H. L., 2014, "Business Economics", S. Chand and Company Pvt. Ltd., New Delhi.

4 Manab Adhikary, 2010, "Business Economics", Excel Books, New Delhi.

225CI1A3SP	SEC PRACTICAL : C – PROGRAMMING	SEMESTER III

Total Credits: 2
Total Instructions Hours: 48 h

List of Programs

S.No	Write a program to :
1	Demonstrate arithmetic operators. (+,-,*,/,%)
2	Demonstrate relational operators
3	Print the size of char, float, double and long double data types in C
4	Use of local, global and static variables
5	Use different control statements
6	Use different Looping statements
7	Use functions with call by value and call by reference
8	Demonstrate the use of pre-increment and post-increment operators
9	Perform various string manipulations using built-in functions
10	Print all the alphabets using a pointer
11	Introduce 2D Array manipulation
12	Find total marks of individual student and average marks for 10 students using structures

References

1. Deitel & Deitel, 2014, "C How to Program", Third Edition, PHI/Pearson Education Asia.
2. Katrhikeyan.E, 2008, "A Text Book On C : Fundamentals, Data Structures and Problem Solving", Prentice Hall of India
3. Yashavant P Kanetkar., 2010, ANSI C Programming ,First Edition, BPB Publication& New Delhi.
4. Mike Mcgrath., 2010, & quot;C Programming", First Edition, Tata McGraw-Hill Edition Pvt. Ltd & New Delhi.

225CI1ASSA	Life Insurance Principles and Practices	SEMESTER III

Total Credit: 1

Syllabus

Unit I Life Insurance

Life Insurance Contracts, Nature and Characteristics, Types of Life Insurance Policies.

Unit II Risk & insurance

Introduction to concept of Risk, Management of Risk, Risk and Insurance, Risk differentiated from perils. Concept of insurable interest.

Unit III Computation of Premiums

Premium - First Premium/ First year Premium/ Renewal Premium, Level Premium, Net Premium, Gross Premium

Unit IV Policy Conditions

Premium Payment, Non-forfeiture Regulations, Lapsation of Policies, Revival of Policies, Nomination, Loan, Surrender, Suicide Clause, Foreclosure, Dividend options, Settlement options.

Unit V Administering Claims

Overview of claim function, Types of claims, Maturity Claims, Survival Benefit Payments, Death Claims, Non-early claims, Early Claims.

Text Books

1. Fundamentals of Insurance: Theories, Principles and Practices, Hargovind Dayal, Notion Press Publications, 2021
2. Priciples and Practice of Insurance Dr. A. Moorthy, Margham Publication, 2022

References

1. Law of Insurance, D. S.R. Myneni, third Edition, Asia law house publications, 2022
2. Fundamental Principles of Insurance – M. Easwari Karthikeyan, Sultan Sons Publications,2021
3. Fundamental Principles of Insurance – M. Easwari Karthikeyan
4. Principles and practices of Insurance – Dr. JayaTripathy pandey and Dr. Saroj Kumar

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