

Dr. N.G.P.ARTS AND SCIENCE COLLEGE (Autonomous)

REGULATIONS 2019-20 for Under Graduate Programme (Outcome Based Education model with Choice Based Credit System)

Bachelor of Commerce with Information Technology Degree

(For the students admitted during the academic year 2020-21 and onwards)

BACHELOR OF COMMERCE WITH INFORMATION TECHNOLOGY

Eligibility

A candidate who has passed in Higher Secondary Examination with any Academic Stream or Vocational Stream as one of the subjects under Higher Secondary Board of Examination and as per the norms set by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Academic Council, subject to such conditions as may be prescribed thereto are permitted to appear and qualify for the **Bachelor of Commerce with Information Technology Degree Examination** of this College after a programme of study of three academic years.

Programme Educational Objectives

On the successful completion of the course, the students will have the ability:

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	Offers and manages business solutions through information supported technology.
PO2	Apply accounting concept and methods to interpret financial statement for evaluating the financial position and performances of organization.
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 costing methodologies to support organizational decision making
PO5	Apply marketing concepts, management principles and supply chain process for customer centric focus and effective management Communication skill.



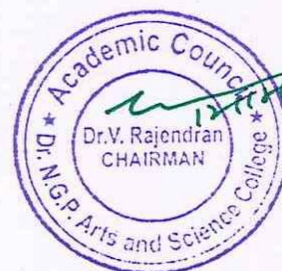
Guidelines for Programmes offering Part I& Part II for Two Semesters:

Part	Subjects	No.of Papers	Credit	Semester No.
I	Tamil / Hindi / French/Malayalam	2	2 x 3 = 6	I & II
II	English	2	2 x 3 = 6	I & II
III	Core (Credits 2,3,4)	18-20	70	I to VI
	Inter Departmental Course (IDC)		16	I to IV
	Discipline Specific Elective (DSE)	3	3 x 4 =12	V & VI
	Skill Enhancement Course(SEC)	4	4 x 3=12	III ,IV,V& VI
	Generic Elective(GE)	2	2 x 2=4	III & IV
	Lab on Project (LoP)	1	1	III to V
IV	Environmental Studies(AECC)	1	2	I
	Value Education (VE) (Human Rights, Womens' Rights) (AECC)	2	4	II and III
	General Awareness(On-Line Exam) (AECC)	1	2	IV
	RM (AECC)	1	2	V
	Innovation, IPR, Entrepreneurship (AECC)	1	2	VI
V	Extension Activity NSS / Sports / Department Activity	-	1	I to VI
TOTAL CREDITS			140	

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										
191TL1A1TA	Language - I	Tamil-I	4	1	-	3	25	75	100	3
201TL1A1HA		Hindi-I								
201TL1A1MA		Malayalam-I								
201TL1A1FA		French – I								
Part – II										
191EL1A1EA	Language-II	English – I	4	-	1	3	25	75	100	3
Part – III										
195CM1A1CA	Core - I	Financial Accounting	5	1	-	3	25	75	100	4
195CI1A1CA	Core - II	Fundamentals of Information Technology	4	-	-	3	25	75	100	4
205CI1A1CP	Core Practical - I	Application of Information Technology	-	-	4	3	40	60	100	2
202MT1B1IB	IDC- I	Business Mathematics	4	-	-	3	25	75	100	4
Part - IV										
193MB1A1AA	AECC - I	Environmental Studies	2	-	-	3	-	50	50	2
Total			23	2	5	-	-	-	650	22


 16/5/2020
 BoS Chairman/HoD
 Department of Commerce (IT)
 D. N. G. P. Arts and Science College
 Coimbatore - 641 048



Dr.NGPASC
 COIMBATORE | INDIA

B.Com.IT (Students admitted during the AY 2020-21)

Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Second Semester										
Part - I										
191TL1A2TA	Language - I	Tamil-II	4	1	-	3	25	75	100	3
201TL1A2HA		Hindi-II								
201TL1A2MA		Malayalam-II								
201TL1A2FA		French - II								
Part - II										
201EL1A2EA	Language - II	English - II	4	-	1	3	25	75	100	3
Part - III										
195CI1A2CA	Core- III	Advanced Financial Accounting	5	1	-	3	25	75	100	4
195CI1A2CB	Core - IV	Principles of Marketing	4	-	-	3	25	75	100	4
195CI1A2CP	Core Practical - II	Accounting Applications	-	-	4	3	40	60	100	2
192MT1B2IC	IDC-II	Business Statistics	4	-	-	3	25	75	100	4
Part - IV										
196BM1A2AA	AECC - II	Human Rights	2	-	-	3		50	50	2
Total			23	2	5				650	22



Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Third Semester										
195CM1A3CB	Core - V	Cost Accounting	5	1	-	3	25	75	100	4
195CI1A3CA	Core - VI	Multimedia and Desktop Publishing	4	-	-	3	25	75	100	4
195CI1A3CB	Core - VII	Principles of Management	4	-	-	3	25	75	100	3
195CM1A3IA	IDC - III	Business Economics	4	-	-	3	25	75	100	4
195CI1A3SA	SEC - I	C - Programming	4	-	-	3	25	75	100	4
195CI1A3SP	SEC Practical - I	C - Programming	-	-	4	3	40	60	100	2
	GE - I		2	-	-	3	-	50	50	2
	LoP	Lab on Project	-	-	-	-	-	-	-	-
Part - IV										
191TL1A3AA	AECC - III	Basic Tamil	2	-	-	3	-	50	50	2
191TL1A3AB		Advanced Tamil								
195CR1A3AA		Women's Rights								
Total			25	1	4				700	25

Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Fourth Semester										
195BA1A4CA	Core - VIII	Management Accounting	5	1	-	3	25	75	100	4
195CI1A4CA	Core - IX	VB.NET	5	-	-	3	25	75	100	3
195CI1A4CB	Core - X	Business Communication	3	-	-	3	25	75	100	3
195CI1A4CC	Core - XI	Data Base Management System	4	-	-	3	25	75	100	3
195CI1A4CP	Core Practical - III	VB.NET and DBMS	-	-	4	3	40	60	100	2
196BM1A4IA	IDC - IV	Business Organization and Office Management	4	-	-	3	25	75	100	4
	GE - II		2	-	-	3	-	50	50	2
Part IV										
191TL1A4AA	AECC - IV	Basic Tamil	2	-	-	3	-	50	50	2
191TL1A4AB		Advanced Tamil								
192PY1A4AA		General Awareness								
Total			25	1	4				700	23



Course Code	Course Category	Course Name	L	T	P	Ex am (h)	Max Marks			Cre dits
							CIA	ESE	Total	
Fifth Semester										
195CI1A5CA	Core - XII	Corporate Accounting	5	1	-	3	25	75	100	4
195PA1A5CC	Core - XIII	Income Tax law and Practice	4	2	-	3	25	75	100	4
195CI1A5CB	Core - XIV	Entrepreneurial Development	4	-	-	3	25	75	100	4
195CI1A5CC	Core - XV	Principles of Web Designing	4	-	-	3	25	75	100	3
195CI1A5CP	Core Practical - IV	Web Designing	-	-	4	3	40	60	100	2
195CI1A5DA	DSE - I	E- Commerce	4	-	-	3	25	75	100	4
195FI1A5DA		Personal Finance								
195AT1A5DA		Corporate Governance and Business Ethics								
195CI1A5TA	IT	Industrial Training	Grade A to C							
195CI1A5LA	LoP	Lab on Project	-	-	-	-	50	-	50	1
Part IV										
192MT1A5AA	AECC - V	Research Methodology	2	-	-	3	-	50	50	2
Total			23	3	4				700	24



Course Code	Course Category	Course Name	L	T	P	Ex a m (h)	Max Marks			Credits
							CIA	ESE	Total	
Sixth Semester										
Part-III										
195CI1A6CA	Core - XVI	Financial Management	4	-	-	3	25	75	100	3
195CI1A6CV	Core - XVII	Capstone Project	-	-	8	3	40	60	100	4
195FI1A6DA	DSE - II	Public Finance	4	-	-	3	25	75	100	4
195CI1A6DA		Banking Theory Law and Practice								
195AT1A6DA		Company Law								
195FI1A6DB	DSE - III	Project Finance	4	-	-	3	25	75	100	4
195CI1A6DB		Retail Management								
195AT1A6DB		Fundamentals of e-Filing								
195CI1A6SA	SEC - II	Java Programming	4	-	-	3	25	75	100	4
195CI1A6SP	SEC Practical - II	Java Programming	-	-	4	3	40	60	100	2
Part - IV										
195BI1A6AA	AECC - VI	Innovation and IPR	2	-	-	3	-	50	50	2
Part-V										
195CI1A6XA		Extension Activity				-	-	-	50	1
Total			18	-	12				700	24
Grand Total									4100	140



DISCIPLINE SPECIFIC ELECTIVE

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

Semester V (Elective I)

List of Elective Courses

S. No.	Course Code	Name of the Course
1.	195FI1A5DA	Personal Finance
2.	195CI1A5DA	E-Commerce
3.	195AT1A5DA	Corporate Governance and Business Ethics

Semester VI (Elective II)

List of Elective Courses

S. No.	Course Code	Name of the Course
1.	195FI1A6DA	Public Finance
2.	195CI1A6DA	Banking Theory Law and Practice
3.	195AT1A6DA	Company Law

Semester VI (Elective III)

List of Elective Courses

S. No.	Course Code	Name of the Course
1.	195FI1A6DB	Project Finance
2.	195CI1A6DB	Retail Management
3.	195AT1A6DB	Fundamentals of e-Filing



GENERIC ELECTIVE COURSES (GE)

The following are the courses offered under Generic Elective Course

Semester III (GE-I)

S. No.	Course Code	Course Name
1.	195CI1A3GA	Managerial Communication

Semester IV (GE-II)

S. No.	Course Code	Course Name
1.	195CI1A4GA	Stock Market Practices

EXTRA CREDIT COURSES

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

S. No.	Course Code	Course Name
1	195CI1ASSA	Principles of Insurance
2	195CI1ASSB	Retail Marketing

CERTIFICATE PROGRAMMES

The following are the programme offered to earn extra credits:

S. No.	Programme Code and Name	Course Code	Course Name
1	5CI5A Fundamentals of Stock Market	195CI5A1CA	Fundamentals Stock Market
2	5CI5B Advanced Excel	195CI5B1CP	Advanced Excel



MOOC (NPTEL/SWAYAM/ SPOKEN TUTORIAL)

The following are the online courses offered:

Please refer the following link to select the courses

- www.swayam.org
- www.nptel.ac.in
- www.spoken-tutorial.org



REGULATION 2019-20

Effective from the academic year 2019-20 and applicable to the students admitted to the Degree of Bachelor of Science / Commerce/ Arts.

1. NOMENCLATURE

1.1 Faculty: Refers to a group of programmes concerned with a major division of knowledge are. Eg. Faculty of Computer Science consists of disciplines like Departments of Computer Science, Information Technology, Computer Technology and Computer Applications.

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 2015–2018 refers to students belonging to a 3 year Degree programme admitted in 2015 and completing in 2018.

1.4 Course Refers to a component (a paper) 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 and learning needs and the credits may be assigned suitably.

a) Core Courses

A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

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: DSE courses are the courses offered by the respective disciplinary/ interdisciplinary programme.

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

e) Ability Enhancement Courses (AEC): AECC courses are the courses based upon the content that leads to Knowledge enhancement. These



are mandatory for all disciplines. Environmental Science, Human Rights, Women's Rights, General Awareness, IPR and Innovation, Entrepreneurship Development and Research Methodology.

All these courses should be taught according to Outcome based Education.

1.5 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.

1.6 Project work

It is considered as a special 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.

Extra credits

Extra credits will be awarded to a student for achievements in co-curricular activities carried out outside the regular class hours. The guidelines for the award of extra credits are given in section- these credits are not mandatory for completing the programme.

Advanced Learner Course (ALC):

ALC is doing work of a higher standard than usual for students at that stage in their education. Research work carried out in University/ Research Institutions/ Industries of repute in India or abroad for a period of 15 to 30 days will be considered as Advanced Learners Course.



2. STRUCTURE OF PROGRAMME

2.1 PART – I: LANGUAGE

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

2.2 PART – II : ENGLISH

English will be offered during the first two / four semester.

2.3 PART – III :

- Core course
- Inter Departmental Course (IDC)
- Discipline Specific Elective (DSE)
- Skill Enhancement Course (SEC)
- Generic Elective (GE)
- Lab on Project (LoP)
- Industrial Training (IT)

2.4 PART IV

2.4.1 Ability Enhancement Compulsory Course

The ability enhancement courses such as i) Environmental Studies, ii) Human Rights, iii) Womens' Rights, iv) General Awareness, v) Research Methodology, vi) Intellectual Property Rights(IPR), Innovation and Entrepreneurship or IPR and Innovation from I to VI Semester.

a) Those who have not studied Tamil up to XII Std and taken a non-Tamil language under Part-I shall take Tamil comprising of two courses.

(OR)

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

(OR)

c) Students who come under the above a+b categories are exempted from Women's Rights and General awareness during III and IV semester respectively.



2.5 PART V: EXTENSION ACTIVITIES

The following co-curricular and extracurricular activities are offered under institutional / department Association/ club/ extension programmes for the students under extension activities from I to IV semester.

a) Institutional

- National Service Scheme (NSS)
Participation in any one of the camps organized by NSS unit.
- Friends of Police(FoP)
Active participation in traffic regulation and other extension activities
- Sports
Active participation in any one of the sports activities
- Youth Red Cross (YRC)
Active participation in YRC programmes

b) Department Association

Membership and active participation in the department association activities.

c) Clubs

Membership and active participation in any one club activities.

1. CREDIT ALLOTTMENT

The following is the credit allotment:

- Lecture Hours (Theory) : Max.1 credit per lecture hour per week,
1 credit per tutorial 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

2. DURATION OF THE PROGRAMME

A student is normally expected to complete the B.Sc. /B.com. /BA Programme in 6 semesters. However, in any case not more than 7 consecutive semesters. Failing which the concern BoS will identify suitable / equivalent course.



3. REQUIREMENTS FOR COMPLETION OF A SEMESTER

Candidate shall be permitted to appear for the End Semester examinations for any semester (practical/theory) if

- i) He/she secures not less than 75% of attendance in the number of working days during the semester.
- ii) He/she earns a progress certificate from the Head of the institution, of having satisfactorily completed the course of study prescribed in the scheme of examinations for that semester as required by these regulations, and
- iii) His/her conduct / character is satisfactory.
 - Provided that it shall be open to the Academic council, or any authority delegated with such powers by the Academic council, to grant exemption to a candidate who has failed to earn 75% of the attendance prescribed, for valid reasons, subject to usual conditions. (Refer the Ordinance No.1 of 1990 of the Bharathiar University)
 - A candidate who earned 75% of attendance and more in the current semester are eligible to write the examination in current semester subjects.
 - A candidate who has secured less than 65% but 55% and above attendance in any semester has to compensate the shortage in attendance in the subsequent semester besides earning the required percentage of attendance in that semester and appear for both semester papers together at the end of the later semester.
 - A candidate who has secured less than 55% of attendance in any semester shall not be permitted to appear for the regular examinations and to continue the study in the subsequent semester. He/she has to rejoin the semester in which the attendance is less than 55%.
 - A candidate who has secured less than 65% of attendance in the final semester has to compensate his/her attendance shortage in a manner as decided by the concerned Head of the department after rejoining the same course.



4. 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 (including the project work and Viva-Voce examination in the final Semester) shall be 100 with the following breakup.

(i) Theory Courses

Continuous Internal Assessment (CIA) : 25 Marks

End Semester Exams (ESE) : 75 Marks

(ii) For Practical/ Courses

Continuous Internal Assessment (CIA) : 40 Marks

End Semester Exams (ESE) : 60 Marks

- a. The following are the distribution of marks for the Continuous Internal Assessment in Practical, Project / Industrial Training Courses.

Continuous Internal Assessment for Practical Courses:

S.No	For - UG practical courses	Distribution of Marks					
1	Minimum 10 experiments to be conducted/practical paper/semester	20	15	10	8	5	4
2	Tests : Two tests out of which one shall be during the mid semester and the other to be conducted as model test at the end of the semester.)	16	10	10	8	6	6
3	Observation Note Book	4	5	5	4	4	-
	TOTAL MARKS	40	30	25	20	15	10



Project viva-voce / Industrial Training

The following are the distribution of marks for the continuous Internal assessment in UG Project/Industrial Training courses.

S.no	For - UG Project courses//Industrial Training	Distribution of Marks	
1	Review-I	5	10
2	Review-II	5	10
3	Review-III	5	10
4	Document, Preparation and Implementation	10	10
	TOTAL MARKS	25	40

b. Following are the distribution of marks for the External Examination in UG Project /Industrial Training courses

S.no	For - UG Project //Industrial Training courses	Distribution of Marks	
1	Record Work and Presentation	35	40
2	Viva-Voce	15	20
	TOTAL MARKS	50	60

Part – IV

The courses offered under Part – IV shall have only End Semester Examinations (ESE) for a maximum of 50 Marks. However, Students who select “Tamil” under Part IV, will be assessed only by Continuous Internal Assessment (CIA). The marks shall be furnished to the COE by the concerned Course teacher through the Head of the Department.



6.1 CONTINUOUS ASSESSMENT EXAMS

6.1 Theory courses

a) Continuous Internal Assessment test (CIA)

There will be a Minimum of two Continuous Assessment Exams, for each Theory course. The first and Second Assessment Exams will be conducted for a Maximum of 50 Marks and 75 marks respectively. The total marks secured in the Two Assessment Exams will be converted to 15 Marks.

b) Utilization of Library

Marks will be awarded to the student based on the hours spent in the library after the working hours and submission of report by the student.

Hours spent in Library	Marks	Type of Document submitted
2	1	Report/ Assignment/ Class presentation
4	2	
6	3	
8	4	
10	5	
12	6	

- During the Library hour, the student must spend time in reading the articles, books, journals of their subject of interest
- Each student should borrow minimum three books during the semester
- Student is expected to submit one Report / Assignment / Class Presentation per Course.

c) Class Participation

Active participation in classroom discussion by the student will be evaluated based on Integration of knowledge, Interaction and Participation and demonstration of knowledge.



d) Papers / Reports/ Assignments/ Class Presentation

The student will be evaluated based on his ability to do analysis of application of theory to real world problems or creative extension of class room learning and his/her ability to communicate the given topic effectively and clearly.

Continuous Assessment OBE Rubrics Score Sheet

Degree: _____ Branch: _____ Semester: _____

Course Code: _____ Course: _____

Max. Marks: _____ Internal: _____ External: _____ Total: _____

S.No.	REG. NO	THEORY / PRACTICAL & LIBRARY CLASS PARTICIPATION (15) (Compulsory)				RUBRICS ASSESSMENT (SELECT ANY ONE)								Total Marks out of : 30	Total Marks out of : 16 / 10 / 08 / 04	
						PAPERS / REPORTS (15)				ASSIGNMENTS (15)		CLASS PRESENTATION (15)				
		Library	Integration of Knowledge	Interaction & Participation	Demonstration of Knowledge	Organization & Knowledge	Format & Spelling	Reference / Experiments	Demonstration of Knowledge	Format & Spelling	Reference	Content & Coherence	Creativity and Speaking Skills			Duration of Presentation
1		6	3	3	3	5	5	5	5	5	5	5	5	5		

The following are the distribution of marks for the continuous internal assessment in UG practical courses

S.No	For - UG Practical Courses	Distribution of Marks					
1	Minimum 10 experiments to be conducted/practical paper/semester	20	15	10	8	5	4
2	Tests : Two tests out of which one shall be during the mid semester and the other to be conducted as model test at the end of the semester.)	16	10	10	8	6	6
3	Observation Note Book	4	5	5	4	4	-
	TOTAL MARKS	40	30	25	20	15	10

7. FOR PROGRAMME COMPLETION

Programme Completion (for students admitted in the A.Y.2019-20 and Onwards)

Student has to complete the following:

- i) Part I, II,III,IV,V as mentioned in the scheme
- ii) Industrial/ Institutional training

Students must undertake industrial / institutional training for a minimum of 15 days and not exceeding 30 days during the IV semester summer vacation. The students will submit the report for evaluation during V semester.

Based on the performance Grade will be awarded as follows:

Marks Scored	Grade to be awarded
75 and above	A
60-74	B
40-59	C
< 40	Re-Appearence

- iii) Skill Enhancement Training

Student must undergo Skill Enhancement training on Communication skills (I and II Semester) and Quantitative aptitude (III and IV Semester) respectively each for 40 h.

8. EXTRA CREDITS

- Earning extra credit is mandatory. However, it is not essential for programme completion
- Extra Credits will be awarded to a student for achievement in co-curricular/ extracurricular activities carried other than the regular class-hours.
- The detailed guidelines for the award of extra credits are as follows:
- A student is permitted to earn a maximum of five extra Credits during the programme duration of UG from I to V Semester.
- Candidate can claim a maximum of 1 credit under each category listed.

The following are the guidelines for the award of Extra credits:

8.1 Proficiency in foreign language

Qualification	Credit
A pass in any foreign language in the examination conducted by an authorized agency	1

8.2 Proficiency in Hindi

Qualification	Credit
A pass in the Hindi examination conducted by Dakshin Bharat Hindi Prachar Sabha	1

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

8.3 Self-study Course

Qualification	Credit
A pass in the self-study courses offered by the department	1

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

8.4 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.

Qualification	Credit
A pass in the type writing / short hand examination offered by TNDTE	1

8.5 Diploma / Certificate

Courses offered by any recognized University / NCVRT

Qualification	Credit
A pass in any Certificate course/ Diploma / PG Diploma	1

8.6 CA/ICSI/CMA

Qualification	Credit
Qualifying foundation / Inter level / Final in CA/ICSI/CMA / etc.,	1

8.7 Sports and Games

The Student can earn extra credit based on their Achievement in sports as given below:

Qualification	Credits
Achievement in University/ State / National/ International	1

8.8 Online Courses

Pass in any one of the online courses

Qualification	Credit
SWAYAM/NPTEL/Spoken Tutorial etc.,	1

8.9 Publications / Conference Presentations (Oral/Poster)/Awards

Qualification	Credit
Research Publications in Journals/ oral/poster presentation in Conference	1

8.10 Innovation / Incubation / Patent / Sponsored Projects / Consultancy

Qualification	Credit
Development of model/ Products /Prototype /Process/ App/Registration of Patents/ Copyrights/Trademarks/Sponsored Projects /Consultancy	1

8.11 Representation

Qualification	Credit
State / National level celebrations such as Independence day, Republic day Parade, National Integration camp etc.,	1



Course Code	Course Name	Category	L	T	P	Credit
191TL1A1TA	தமிழ்த் தாள் - I	மொழி- I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப்பாடங்களின் வாயிலாக தமிழரின் பண்பாடு , 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) – மாணவனின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1,K2,K3
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2,K4
CO3	பாட இணைச் செயல்பாடுகள் (Co-curricular activities)	K2,K3,K4
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K5, K6

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



191TL1A1TA	தமிழ்த்தாள் - I	SEMESTER I
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Total Credits: 03

Total Instruction Hours: 60 h

Syllabus

Unit I மறுமலர்ச்சிக் கவிதைகள் 12 h

1. உயிர் பெற்ற தமிழர் பாட்டு - பாரதியார்
2. படி - பாரதிதாசன்
3. போராடப் புறப்பட்டோம் - தமிழ் ஒளி
4. தமிழ்க் கொலை புரியாதீர் - புலவர் குழந்தை
5. திரைத்தமிழ்
 - அ) சும்மா கிடந்த நிலத்தை எனத்தொடங்கும் பாடல் -
 - பட்டுக்கோட்டை கல்யாண சுந்தரனார்
 - ஆ) சமரசம் உலாவும் இடமும் எனத்தொடங்கும் பாடல் - மருதகாசி
 - இ) உன்னை அறிந்தால் எனத்தொடங்கும் பாடல் - கண்ணதாசன்

Unit II புதுக்கவிதைகள் 12 h

1. கடமையைச் செய் - மீரா
2. அம்மாவின் பொய்கள் - ஞானக்கூத்தன்
3. செருப்புடன் ஒரு பேட்டி - மு.மேத்தா
4. ஒரு சிங்கவால் குரங்கின் மரணம் - சிற்பி
5. கடல்கோள் 2004 - முத்தமிழ் விரும்பி
6. கரிக்கிறது தாய்ப்பால் - ஆரூர் தமிழ்நாடன்
7. பள்ளி - நா. முத்துக்குமார்
8. ஹைகூ கவிதைகள் - 15 கவிதைகள்

Unit III பெண்ணியம் 08 h

1. ஒரு கதவும் கொஞ்சம் கள்ளிப்பாலும் - தாமரை
2. நீரில் அலையும் முகம் - அ. வெண்ணிலா
3. தொட்டிச் செடி - இளம்பிறை
4. ஏனிந்த வித்தியாசங்கள் - மல்லிகா



Unit IV சிறுகதைகள்

15 h

- | | |
|------------------------|--------------------|
| 1. வேப்பமரம் | - ந. பிச்சமூர்த்தி |
| 2. அகல்யை | - புதுமைப்பித்தன் |
| 3. ஒருபிடி சோறு | - ஜெயகாந்தன் |
| 4. காய்ச்சமரம் | - கி. ராஜநாராயணன் |
| 5. நிராசை | - பாமா |
| 6. எருமை சீமாட்டி | - பெருமாள் முருகன் |
| 7. குதிரை மசால் தாத்தா | - சு. வேணுகோபால் |

Unit V இலக்கியவரலாறு, இலக்கணம் மற்றும் பயிற்சிப் பகுதி

13 h

அ. இலக்கிய வரலாறு

1. மறுமலர்ச்சிக் கவிஞர்களின் தமிழ்ப்பணிகள்
2. புதுக்கவிதையின் தோற்றமும் வளர்ச்சியும்
3. சிறுகதையின் தோற்றமும் வளர்ச்சியும்

ஆ. இலக்கணம்

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

இ. படைப்பாக்கப் பயிற்சி

1. கவிதை, சிறுகதை எழுதுதல்

Text Books

- 1 செய்யுள் மற்றும் உரைநடைத் திரட்டு . 2019. தொகுப்பு : தமிழ்த் துறை , டாக்டர் என். ஜி.பி. கலை மற்றும் அறிவியல் கல்லூரி. நியூ செஞ்சுரி புக் ஹவுஸ்(பி)லிட். சென்னை.

References

- 1 பேராசிரியர் முனைவர் பாக்கியமேரி. இலக்கணம் இலக்கிய வரலாறு மொழித்திறன். முதல் பதிப்பு 2013 . பூவேந்தன் பதிப்பகம். சென்னை
- 2 தமிழண்ணல் . புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு . பதினாறாம் பதிப்பு 2000 மீனாட்சி புத்தக நிலையம். மதுரை.
- 3 பேராசிரியர் புலவர் இளவரசு ,சோம. புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு. எட்டாம் பதிப்பு ஜூலை 2012.மணிவாசகர் பதிப்பகம்.சென்னை
- 4 தமிழ் இணையக் கல்விக்கழகம். <<http://www.tamilvu.org/>>



Course Code	Course Name	Category	L	T	P	Credit
201TL1A1HA	HINDI-I	Language 1	4	1	-	03

PREAMBLE

This course has been designed for students to learn and understand

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

communicate Hindi

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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A1HA	HINDI-I	SEMESTER I
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Total Credits: 03

Total Instruction Hours: 60 h

Syllabus

Unit I	गद्य – नूतन गद्य संग्रह (जय प्रकाश)	12 h
	पाठ 1- रजिया	
	पाठ 2- मक्रील	
	पाठ 3- बहता पानी निर्मला	
	पाठ 4- राष्ट्रपिता महात्मा गाँधी	
Unit II	कहानी कुंज- डॉ वी.पी. 'अमिताभ'	12 h
	कहानी कुंज- डॉ वी.पी. 'अमिताभ' (पाठ 1-4)	
Unit III	व्याकरण	12 h
	शब्द विचार (संज्ञा, सर्वनाम, कारक, विशेषण)	
Unit IV	अनुच्छेद लेखन	12 h
	अनुच्छेद लेखन	
Unit V	अनुवाद	12 h
	अभ्यास-III (केवल अंग्रेजी से हिन्दी में)	

Text Books

- 1 प्रकाशक: सुमित्र प्रकाशन 204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड' अशोक नगर
इलाहाबाद-211001 (Unit - I)
- 2 प्रकाशक: गोविन्द प्रकाशन सदर बाजार, मथुरा उत्तर प्रदेश – 281001 (Unit-II)
- 3 पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 टेगोर नगर इलाहाबाद –
211024 (Unit-III)
- 4 पुस्तक: व्याकरण प्रदिप – रामदेव प्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024 (Unit-IV)
- 5 (पाठ 1 to 10) प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17 (Unit - V)



Course Code	Course Name	Category	L	T	P	Credit
201TL1A1MA	MALAYALAM	Language - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- develop the writing ability and develop reading skill.
- various concepts and techniques for criticizing literature, to learn 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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A1MA	MALAYALAM - I	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I	Novel	12 h
	1. Alahayude penmakkal	
Unit II	Novel	12 h
	1. Alahayude penmakkal	
Unit III	Short Story	14 h
	2. Nalinakanthi	
Unit IV	Short Story	10 h
	2. Nalinakanthi	
Unit V		12 h
	Composition & Translation	

Text Books

- 1 Alahayude penmakkal (NOVEL) By Sara Joseph Published by Current books Thrissur.
- 2 Nalinakanthi (Short story) By T.Padmanabhan Published by DC.Books Kottayam
- 3 Expansion of ideas, General Essay And Translation.

References

- 1 Malayala Novel Sahithyam
- 2 Malayala cherukatha Innale Innu.



Course Code	Course Name	Category	L	T	P	Credit
201TL1A1FA	FRENCH- I	Language - I	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- 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.
- 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	learn the adjectives and the classroom environment in France.	K2
CO3	Learn the Plural, Articles and the Hobbies.	K3
CO4	learn the Cultural Activity in France.	K3
CO5	learn 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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A1FA	FRENCH- I	SEMESTER I
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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
<ul style="list-style-type: none"> • Saluer • Enter en contact avec quelqu'un. • Se présenter. • S'excuser 	En cours de cuisine, premiers contacts avec les membres d'un groupe	<ul style="list-style-type: none"> • Comprendre des personnes qui se saluent. • Échanger pour entrer en contact, se présenter, saluer, s'excuser. • Communiquer avec <i>tu</i> ou <i>vous</i>. • Comprendre les consignes de classe • Épeler son nom et son prénom. <p>Computer jusqu'à 10.</p>

Unit II Enchanté I Page 20

12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> • Demander de se présenter. • Présenter quelqu'un. 	Dans la classe de français, se présenter et remplir une fiche pour le professeur.	<ul style="list-style-type: none"> • Comprendre les informations essentielles dans un échange en milieu professionnel. • Échanger pour se présenter et présenter quelqu'un.

Unit III J'adore I Page 30

12 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> • Exprimer ses goûts. 	Dans un café, participer à une soirée de rencontres	<ul style="list-style-type: none"> • Dans une soirée de rencontres rapid comprendre des personnes qui échantent sur elles et sur leurs goût • Comprendre une personne



	rapides et remplir de tâches d'appréciation.	qui parler des goûts de quelqu'un d'autre.
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Unit IV J'adore I Page 30

14 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> Présenter quelqu'un 	Dans un café, participer à une soirée de rencontres rapides et remplir de tâches d'appréciation	<ul style="list-style-type: none"> 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		

Unit V Tu veux bien? Page 46

10 h

Objectifs de Communication	Tâche	Activités de réception et de production orale
<ul style="list-style-type: none"> Demander à quelqu'un de faire quelque chose. Demander poliment. Parler d'actions passées. 	Organiser un programme d'activités pour accueillir une personne importante.	<ul style="list-style-type: none"> 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.

Text Books

- 1 Regine Merieux, Yves Loiseau, LATITUDES 1(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.



Course Code	Course Name	Category	L	T	P	Credit
191EL1A1EA	ENGLISH - I	Language - II	4	0	1	3

PREAMBLE

This course has been designed for students to learn and understand

- To experience the effect of dialogue, the brilliance of imagery and the magnificence of varied genre
- To strengthen the student's English vocabulary and understanding of English sentence structure
- To communicate effectively and acquire knowledge on 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	Extend interest in and appreciation of the works of eminent writers from various literatures	K2
CO2	Interpret the genres in literature through the master works of great visionaries	K3
CO3	Perceive the language gaps through a clear model of the grammatical structure	K5
CO4	Analyze the concepts of texts in the course of different lessons which are realistic and discursive in nature	K4
CO5	Value the integral concepts of English grammar necessarily required in their linguistic competence	K5

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



191EL1A1EA	ENGLISH - I	SEMESTER I
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Genre Studies - I 10 h

The Road Not Taken – Robert Frost

All the World's a Stage – William Shakespeare

Whitewashing the Fence – Mark Twain

The Face of Judas Iscariot - Bonnie Chamberlain

Soul Gone Home – Langston Hughes

Unit II Genre Studies - II 11 h

Ode on a Grecian Urn – John Keats

Mending Wall – Robert Frost

My Early Days – Dr. A.P.J. Abdul Kalam

Nightfall – Isaac Asimov

A Kind of Justice – Margret Atwood

Unit III Grammar - I 14 h

Parts of Speech

Articles and Prepositions

Subject Verb Agreement

Degrees of Comparison

Sequence of Tenses

Unit IV Genre Studies - III 11 h

On his Blindness - John Milton

Small - Scale Reflections on a Great House – A.K. Ramanujan

On Prayer – Khalil Gibran

The Garden Party – Katherine Mansfield

The Tell - Tale Heart – Edgar Allen Poe



Unit V Grammar - II

14 h

If Conditionals

Modal Auxiliary Verbs

Question Types/Tags

Voice

Direct and Indirect Speech

Text Books

- 1 Prabha, Vithya. R and S. Nithya Devi. 2019. Sparkle: English Textbook for First Year. McGraw Hill Education, Chennai.
- 2 Wren and Martin. 2006. High School English Grammar and Composition. S. Chand Publishing, New Delhi.

References

- 1 Bajwa and Kaushik. 2010. Springboard to Success- Workbook for Developing English and Employability Skills. Orient Black Swan, Chennai
- 2 Syamala. V. 2002. Effective English Communication for You. Emerald Publishers, Chennai.
- 3 Krishnaswamy. N, Lalitha Krishnaswamy & B.S. Valke. 2015. Eco English, Learning English through Environment Issues. An Integrated, Interactive Anthology. Bloomsbury Publications, New Delhi.
- 4 Krishnaswamy. N. 2000. Modern English: A Book of Grammar, Usage And Composition. Macmillan, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195CM1A1CA	FINANCIAL ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- Students to understand the basic concepts and conventions of accounting
- Understand the rules of accounting used to enter the business transactions in a systematic manner to maintain books of accounts
- Develop in-depth knowledge about various accounting statements applied in the different business entities

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Know the concepts, conventions and rules of accounting to pass journal entries and prepare ledger accounts	K1
CO2	Obtain knowledge to prepare final accounts of a company and to gain skills to detect and prevent errors in journal and ledger accounts	K3,K4
CO3	Capture the procedures relating to bills of exchange, and Average due date	K2
CO4	Acquire stuff to reconcile cash book and pass book and to prepare accounts of Non- trading concerns	K3, K4
CO5	Classify and apply appropriate methods of depreciation	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	S	L
CO2	S	S	L	M	M
CO3	M	L	M	S	L
CO4	M	S	M	M	M
CO5	M	S	L	S	M

S Strong

M Medium

L Low



195CM1A1CA	FINANCIAL ACCOUNTING	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Accounting Concept 15 h

Accounting – Meaning – Objectives – Functions – Accounting Concepts and Conventions – Advantages – Limitations– Fundamentals of Book Keeping– Accounting Standards (AS -1 and AS-27) – Journal – Ledger – Subsidiary books – Trial balance.

Unit II Final Account and Error 14 h

Final Accounts of a Sole Trader – Trading Account, Profit and Loss Account, Balance sheet with adjustments – Differences between Trial Balance and Balance sheet –Rectification of errors: Types-Rectification.

Unit III Bills of exchange and average due date 14 h

Bills of Exchange – Promissory notes and bills of exchange – Recording of transactions relating to bills – Renewal of bills – Retiring of bills under rebate – Average Due Date – Meaning – Advantages – Calculation of Average Due Date.

Unit IV Bank Reconciliation Statement 15 h

Bank Reconciliation Statement – Need – Reasons for difference between cash book and pass book balances – Preparation of Bank Reconciliation Statement – Accounting for Non-Trading concerns - Receipts and Payments Account- Income and Expenditure Account -Differences between Receipts and Payments and Income and Expenditure Accounts -Balance sheet.

Unit V Depreciation 14 h

Depreciation – Meaning – Causes – objectives of depreciation – Factors affecting depreciation – Accounting Treatment – Methods of depreciation.– Straight line method – Diminishing Balance Method –Annuity Method– Sinking fund method.

Note:80% Problem & 20% Theory



Text Books

- 1 Reddy,T.S. and Murthy,A. 2014. Financial Accounting [Sixth Edition]. Margham Publications, Chennai.
- 2 Nagarajan.K.L.,Vinayakam.Nand Mani P.L. 2009. Principles of Accountancy [First Edition]. Sultan Chand & Company Ltd, New Delhi.

References

- 1 Jain,S.P., and Narang,K. 2014. Financial Accounting. [Fifth Edition]. Kalyani Publishers, New Delhi.
- 2 Hanif., and Mukherjee,2015. Modern Accountancy, (VolumeI)[Second Edition].Tata Mcgraw Hill Publishing Co.Ltd.,Chennai
- 3 Arulandam. M.A and Ramaan.K.S, 2012. 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.

Course Code	Course Name	Category	L	T	P	Credit
195CI1A1CA	FUNDAMENTALS OF INFORMATION TECHNOLOGY	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The impart the students about 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 Information Technology	K2
CO2	Study the applied aspects of Information Technology	K3
CO3	Understand how Information Technology can be used business world.	K2
CO4	Study recent concepts of Information Technology	K2
CO5	Apply MS Office concepts in the real world of Commerce	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A1CA	FUNDAMENTALS OF INFORMATION TECHNOLOGY	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Computer 10 h

Introduction: Evolution of IT Management – Types of Information Systems – Introduction to computer – Classification of Digital Computer System- Number System: Binary- Octal- Decimal and Hexadecimal number systems and their conversion.

Unit II Hardware & Software 12 h

Hardware and Software Communication: Computing Hierarchy – Input – Output Technologies– Hardware Issues – System Architecture – Types of Printer-Block diagram of a computer – Hardware-operating system-system and application software- machine- assembly and high level languages.

Unit III Network topologies 10 h

Communication Technology: Communication Technology – WWW – Intranets – Extranets –Wireless System – Web Hosting– Application Service Providers- Single user- multi user and client-server systems-distributed systems- Network topologies for LAN & WAN.

Unit IV Ms- Office 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 Work book – 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 Ms- Access 06 h

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



Text Books

- 1 Alexis Leon., Mathews Leon,1999, "Fundamentals of Information Technology" Leon Press, Chennai and Vikas Publishing House Pvt Ltd & New Delhi.
- 2 Michael price., 2012,"Office 2010 covers the core essentials "Tata McGraw-Hill Edition Pvt Ltd & Haryana.

References

- 1 Henry, C., and Lucas, J.R. 2005," Information Technology Strategic Decision Making for Managers", John Wiley & Sons Pvt. Ltd & Singapore.
- 2 Garroll, W., Frenzel Johne., Frenzel , 2004," Management of Information Technology" Thomson Course Technology & Boston.
- 3 Ravichandran A , 2010, "Fundamentals of Information Technology",Chennai and Vikas Publishing House Pvt Ltd & New Delhi.
- 4 S S Shrivastava, 2011, "Computer Fundamental and Information Technology".



205CI1A1CP	CORE PRACTICAL : APPLICATION OF INFORMATION TECHNOLOGY	SEMESTER I
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Total Credits: 2

Total Instructions Hours: 42 h

S.No

List of Experiments

MS-WORD

- 1 Preparation of Chairman's speech by using all the ribbons in the home menu
- 2 Preparation of minutes/ agenda and perform the header, footer & page setup operations like insert page number, page size, orientation , columns , page borders and watermark.
- 2 Preparation of an invitation for the college function using Text boxes and clip parts, drawing tool bar, clip Art, word Art, symbols, borders and shading.
- 3 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.
- 4 Preparation of Shareholders meeting letter for 10 members using mail merge operation

MS-EXCEL

- 5 Preparation of mark list of your class (minimum of 5 Courses) and perform the following operations: Sum, Average, Count, Round, Min,Max,Range
- 6 Drawing the different type 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.



MS POWERPOINT

- 9 Designing presentation slides for a product of your choice. The slides must include name, brand name, type of product, characteristics, special features, price, special offer etc. Add different Themes. The presentation should work in manual mode

- 10 Designing presentation slides for organization details for 5 levels of hierarchy of a company by using organization chart. And Insert slide number. The presentation should work in automatic mode.

MS ACCESS

- 11 Preparation of employee's payroll for an organization.

- 12 Creating mailing labels for student database which should include atleast three Table must have at least two fields with the following details: Roll Number, Name, Course, Year, College Name, University, Address, Phone Number.

Note: Any 10 programs have been done



Course Code	Course Name	Category	L	T	P	Credit
202MT1B1IB	BUSINESS MATHEMATICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- proof of laws of a Set operations and differentiate between Simple interest and compound interest
- importance of Matrix method and simultaneous linear equation of the matrix
- Limits of differentiation and higher derivation in applications

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	explain the concept of Set operations	K3
CO2	discuss about Arithmetic and Geometric Progression	K2
CO3	use the concept of matrix operations in solving simultaneous equations	K3
CO4	demonstrate the ideas of differentiation	K3
CO5	solve the maximum and minimum values for a given function	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



202MT1B1IB	BUSINESS MATHEMATICS	SEMESTER I
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Set theory AP and GP 10 h

Sets - Types of sets - Venn diagram - Set operations - Union - Intersection - Complement - Difference - Law of Algebras of sets - Duality - Verification of laws - Proof of laws - Arithmetic and Geometric Progression

Unit II Interest 10 h

Simple interest - Compound interest - Interest Compounded Continuously - Amount at the changing rates of interest - Nominal and Effective rate of interest - Growth and Depreciation - Sinking fund - Annuities - Present value - Discounting of bills - True discount - Banker's gain

Unit III Matrix 10 h

Basic Concepts - Types of Matrices - Addition and Multiplication of Matrices - Determinants - Crammer's Rule - Inverse of a Matrix - Solution of Simultaneous Linear Equations by Matrix Method - Rank of a Matrix

Unit IV Limits and Differential Calculus 9 h

Variable - Constants - Functions - Limits of Algebraic functions - Differentiation in one variable - Process of differentiation - Rules of Differentiation - Derivatives of Power Functions - Exponential and Logarithmic Functions

Unit V Derivatives 9 h

Meaning of Derivatives - Evaluation of First and Second Order Derivatives - Applications of Simple Derivatives - Elasticity of Demand - Relation between Average and Marginal cost curves - Minimum of Average Cost - Maximum and Minimum Values of a Functions - Order Conditions for Maxima - Profit Maximization - Cost Minimization

Note: Theory 20% and Problem 80%



Text Books

- 1 Navnitham, P.A, 2013, 'Business Mathematics and Statistics', 2nd edition, Jai Publishers, Trichy.

References

- 1 Das, N.G. & Das J.K., 2012, 'Business Mathematics and Statistics', 1 st edition, Mc Graw Hill Education Private Limited, New Delhi.
- 2 Sundaresan & Jayaseelan, 'An Introduction to Business Mathematics and Statistical Methods', 1st edition, Sultan Chand publishers, New Delhi.
- 3 Nag, N.K, 2014,'Business Mathematics', 1st edition, Kalyani Publishers, New Delhi.
- 4 Asi Kumar Manna, 2018, 'Business Mathematics and Statistics', 1st edition, McGraw Hill Education Private Limited, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
193MB1A1AA	VALUE EDUCATION- 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	inculcate the knowledge on structure, function and energy flow in the Eco system.	K3
CO3	impart knowledge on Biodiversity and its conservation.	K3
CO4	create awareness on effects, causes and control of air, water, soil and noise pollution etc.	K2,K3
CO5	build awareness about sustainable development and Environmental protection	K2,K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



193MB1A1AA	VALUE EDUCATION- ENVIRONMENTAL STUDIES	SEMESTER I
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Environmental studies& Ecosystems 4 h

Multidisciplinary nature of environmental studies; components of environment – atmosphere, hydrosphere, lithosphere and biosphere. Scope and importance; Concept of sustainability and sustainable development. What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession. Case studies of the following ecosystems: Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

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

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). Heating of earth and circulation of air; air mass formation and precipitation. Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

Unit III Biodiversity and Conservation 5 h

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. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Unit IV Environmental Pollution, Environmental Policies & Practices 5 h

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; Air (Prevention & Control of Pollution) Act; Water (Prevention and



control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; International agreements; Montreal and Kyoto protocols and conservation on Biological Diversity (CBD). The Chemical Weapons Convention (CWC). Nature reserves, tribal population and rights, and human, wildlife conflicts in Indian context.

Unit V Human Communities and the Environment & Field Work 5 h

Human population and growth: Impacts on environment, human health and welfares. Carbon foot-print. Resettlement and rehabilitation of project affected persons; case studies. Disaster management: floods, earthquakes, cyclones and landslides. Environmental movements: Chipko, Silent valley, Bishnios of Rajasthan. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi). Visit to an area to document environmental assets; river/forest/flora/fauna, etc. Visit to a local polluted site – Urban/Rural/Industrial/Agricultural. Study of common plants, insects, birds and basic principles of identification. Study of simple ecosystems-pond, river, Delhi Ridge, etc.

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.
- 3 Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
- 4 Gleick, P.H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
- 5 Groom, Martha J. Gary K. Meffe, and Carl Ronald carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
- 6 Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339: 36-37.
- 7 McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 2964). Zed Books.
- 8 McNeil, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
- 9 Odum, E.P., Odum, h.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.



References

- 1 Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. Environmental and Pollution Science. Academic Press.
- 2 Rao, M.N. & Datta, A.K. 1987. Waste Water Treatment. Oxford and IBH Publishing Co. Pvt. Ltd.
- 3 Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
- 4 Rosencranz, A., Divan, S., & Noble, M.L. 2001. Environmental law and policy in India. Tripathi 1992.



Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Second Semester										
191TL1A2TA	Language - I	Tamil - II	4	1	-	3	25	75	100	3
201TL1A2HA		Hindi - II								
201TL1A2MA		Malayalam - II								
201TL1A2FA		French - II								
201EL1A2EA	Language - I	English - II	4	-	1	3	25	75	100	3
195CI1A2CA	Core III	Advanced Financial Accounting	5	1	-	3	25	75	100	4
195CI1A2CB	Core - IV	Principles of Marketing	4	-	-	3	25	75	100	4
195CI1A2CP	Core Practical - II	Accounting Applications	-	-	4	3	40	60	100	2
192MT1B21C	IDC - II	Business Statistics	4	-	-	3	25	75	100	4
Part - IV										
196BM1A2AA	AECC - II	Human Rights	2	-	-	3		50	50	2
Total			23	2	5				650	22

gl 28/11/2020

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



Dr.NGPASC
COIMBATORE | INDIA

B.Com. IT (Students admitted during the AY 2020-21)

Course Code	Course Name	Category	L	T	P	Credit
191TL1A2TA	பகுதி-1: தமிழ் - தாள்- II	மொழி	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப் பாடங்களின் வாயிலாகத் தமிழரின் பண்பாடு, பகுத்தறிவு ஆகியவற்றை அறியச் செய்தல்
- கலை மற்றும் மரபுகளை அறியச் செய்தல்
- மாணவர்களின் படைப்பாக்கத் திறன்களை 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) – மாணவனின் செயலாக்கத்திறனை ஊக்குவித்தல்	K1,K2,K3
CO2	மதிப்புக்கல்வி (Attitude and Value education)	K2,K4
CO3	பாட இணைச் செயல்பாடுகள் (Co-curricular activities)	K2,K3,K4
CO4	சூழலியல் ஆக்கம் (Ecology)	K4
CO5	மொழி அறிவு (Tamil knowledge)	K5

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



191TL1A2TA	பகுதி-1: தமிழ் - தாள்- II	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I அற இலக்கியம் 12 h

1. திருக்குறள்

அ.அறன் வலியுறுத்தல் (அ. எண்: 04)

ஆ.நட்பாராய்தல் (அ. எண்: 80)

இ.சான்றாண்மை (அ. எண்: 99)

ஈ.குறிப்பறிதல் (அ. எண்: 110)

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

Unit II அற இலக்கியம் 10 h

1. நாலடியார் - அறிவுடைமை

2.பழமொழி நானூறு - வீட்டு நெறி

3. கார்நாற்பது - தோழி பருவங்காட்டி தலைமகளை வற்புறுத்திய பாடல்கள்
(1முதல் - 18பாடல்கள்)

Unit III உரைநடை 10 h

1. பெற்றோர்ப் பேணல் - திரு.வி.க.

2. உள்ளம் குளிர்ந்தது - மு.வரதராசனார்

3. சங்கநெறிகள் - வ.சுப.மாணிக்கம்

Unit IV உரைநடை 13 h

1.பெரியார் உணர்த்தும்

சுயமரியாதையும் சமதர்மமும் - வே. ஆனைமுத்து

2. வீரவணக்கம் - கைலாசபதி

3.மொழியும்நிலமும் - எஸ். ராமகிருஷ்ணன்



Unit V இலக்கிய வரலாறு, இலக்கணம் மற்றும் பயிற்சிப் பகுதி

15 h

அ.இலக்கிய வரலாறு

1. பதினெண் கீழ்க்கணக்கு நூல்கள்
2. தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்

ஆ. இலக்கணம்

1. வழு, வழுவமைதி, வழாநிலை

இ. பயிற்சிப் பகுதி

1. நூல் மதிப்பீடு மற்றும் திரைக்கதை திறனாய்வு
2. தன்விவரக் குறிப்பு எழுதுதல்

Note : பயிற்சிப் பகுதியில் வினாக்கள் அமைத்தல் கூடாது

Text Books

- 1 தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி (தன்னாட்சி) செய்யுள் மற்றும் உரைநடைத் திரட்டு. (முதல்பதிப்பு.) சென்னை: நியூ செஞ்சுரி பக்ஹவுஸ் (பி) லிட்.

References

- 1 பேராசிரியர் புலவர் இளவரசு, சோம. (ஜூலை2012). தமிழ் இலக்கிய வரலாறு. (எட்டாம் பதிப்பு) சென்னை: மணிவாசகர் பதிப்பகம்.
- 2 பேராசிரியர் முனைவர் பாக்கியமேரி (2013). இலக்கணம் இலக்கிய வரலாறு மொழித்திறன். (முதல் பதிப்பு) சென்னை பூவேந்தன் பதிப்பகம்.
- 3 தமிழ் இணையக் கல்விக்கழகம் <<http://www.tamilvu.org/>>



Course Code	Course Name	Category	L	T	P	Credit
201TL1A2HA	HINDI -II	LANGUAGE	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn 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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A2HA	HINDI -II	SEMESTER II
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Total Credits: 03

Total Instruction Hours: 60 h

Syllabus

Unit I 12 h

आधुनिक पद्य – शबरी (श्री नरेश मेहता)

प्रकाशक: लोकभारती प्रकाशन

पहली मंजिल, दरबारी बिल्डिंग,

महात्मा गाँधी मार्ग, इलाहाबाद-211001

Unit II 12 h

उपन्यास: सेवासदन-प्रेमचन्द

प्रकाशक: सुमित्र प्रकाशन

204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड

अशोक नगर इलाहाबाद-211001

Unit III 12 h

कहानी-किरीट- डा उषा पाठक / डा अचला पाण्डेय

पाठ 1. उसने कहा था

पाठ 2. कफ़न,

पाठ 3. चीफ़ की दावत

प्रकाशक: राधाकृष्ण प्रकाशन दिल्ली

Unit IV 12 h

पत्र लेखन: (औपचारिक या अनौपचारिक)

पुस्तक: व्याकरण प्रदीप – रामदेव

प्रकाशक: हिन्दी भवन 36 इलाहाबाद-211024

Unit V 12 h

अनुवाद अभ्यास-III (केवल हिन्दी से अंग्रेजी में)

(पाठ 1 to 10)

प्रकाशक: दक्षिण भारत प्रचार सभा चेन्नई -17



Course Code	Course Name	Category	L	T	P	Credit
201TL1A2MA	MALAYALAM - II	LANGUAGE	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To develop the writing ability and develop reading skill.
- To learn various concepts and techniques for criticizing literature, to learn 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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A2MA	MALAYALAM -II	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I		12 h
Travelogue		
Unit II	Novel	12 h
Travelogue		
Unit III		14 h
Travelogue		
Unit IV		10 h
Autobiography		
Unit V		12 h
Autobiography		

Text Books

- 1 Dubai Puzha (Travelogue) By K.Krishna Das, Published by Green books Thrissur.
- 2 Vazhithirivukal (Autobiography) By Dr.APJ Abdul Kalam Published by DC.Books Kottayam

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Course Code	Course Name	Category	L	T	P	Credit
201TL1A2FA	FRENCH -II	LANGUAGE	4	1	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To Acquire Competence in General Communication Skills – Oral + Written – Comprehension & Expression.
- To Introduce the Culture, life style and the civilization aspects of the French people as well as of France.
- To help 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	To learn the adjectives and the classroom environment in France.	K2
CO3	Learn the Plural, Articles and the Hobbies.	K3
CO4	To learn the Cultural Activity in France.	K3
CO5	To learn 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	S	M	M	M	S
CO2	S	M	M	M	S
CO3	S	M	S	M	S
CO4	S	M	S	M	S
CO5	S	M	S	M	S

S Strong

M Medium

L Low



201TL1A2FA	FRENCH -II	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I

12 h

<ul style="list-style-type: none"> Proposer, accepter, refuser une invitation. Indiquer la date. 	Organiser une soirée au cinéma avec des amis, par téléphone et par courriel.	<ul style="list-style-type: none"> Comprendre un message d'invitations sur un répondeur téléphonique. Inviter quelqu'un à accepter ou refuser l'invitation.
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Unit II

12 h

<ul style="list-style-type: none"> Prendre et fixer un rendez-vous. Demander et indiquer l'heure. 	Organiser une soirée au cinéma avec des amis, par téléphone et par courriel.	<ul style="list-style-type: none"> Comprendre des personnes qui fixent un rendez-vous par téléphonique. Prendre un rendez-vous par téléphone
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Unit III

12 h

<ul style="list-style-type: none"> Exprimer son point de vue positif et négatif. S'informer sur le prix. S'informer sur la quantité. Exprimer la quantité. 	En groupes, choisir un cadeau pour un ami.	<ul style="list-style-type: none"> Exprimer son point de vue sur des idées de cadeau. Faire des achats dans un magasin
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Unit IV

12 h

<ul style="list-style-type: none"> Demander et indiquer une direction. Localiser (près de, en face de). 	Suivre un itinéraire à l'aide d'indications par téléphone et d'un plan.	<ul style="list-style-type: none"> Comprendre des indications de direction. Comprendre des indications de lieu.
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Unit V

12 h

<ul style="list-style-type: none"> Exprimer l'obligation et l'interdit. Conseiller. 	Par courrier électronique, donner des informations et des conseils à un ami qui veut voyager.	<ul style="list-style-type: none"> Comprendre une chanson. Comprendre de courts messages qui expérimentent l'obligation ou l'interdiction Donner des conseils à des personnes dans des situations données.
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Text Books

- 1 LATITUDES 1 (Méthode de français) Pages from 56 to 101, Author : RÉGINE MÉRIEUX Publisher : GOYAL Publishers & Distributors Pvt



Course Code	Course Name	Category	L	T	P	Credit
201EL1A2EA	ENGLISH - II	LANGUAGE	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 of varied genres
- The vocabulary and to frame 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	Interpret skills in communication and to shape their attitude	K2
CO2	Develop oral and written language skills in a business context	K3
CO3	Analyze to gain key strategies and expressions for communicating with professionals	K3
CO4	Inspect the knowledge to the corporate needs	K4
CO5	Formulate Inter and Intrapersonal skills	K5

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



201EL1A2EA	ENGLISH - II	SEMESTER II
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Technical English 12 h

Communication: Process- Methods- Channels- Barriers of Communications

Phonetics: Basics of phonetics - Consonants and Vowel sounds

Reading Skills: Skimming and Scanning- Reading Different Kinds of Texts- Types- Developing a Good Reading Speed

Writing Skills: Note- Making and note taking, Paragraph Writing: Structure and principles

Unit II Business English 12 h

Structure and Planning of Letters: Elements of Structure- Forms of Layout- Style- Writing Business Letters

Quotation, Order and Tender: Inviting - Sending Quotation letter - Placing Orders- Inviting Tenders

E-mail Correspondence: Structure- Procedure- Style- Guidelines- Jargon and Acronyms- Security Precaution

Seminar and Meetings: Introduction- Organizing a Seminar- Sample Brochure- Conducting and Participating in a Meeting

Unit III Professional English 12 h

Report Writing: Importance- Process- Types- Structure

Memo: Importance- Structure

Notice, Agenda and Minutes: Meeting- Notice- Agenda- Minutes: Preparation- Structure- Delivery

Brochures: Purpose- Audience- Qualities

Unit IV Employment Communication 12 h

Resume Writing : Elements of Resume - difference between CV and Resume - Writing Job Application

Art of Conversation: Small Talk- Body Language- Principles of Good Conversation

Interview: Organizational role- Goals- Types- Interview Process

Group Discussion: Importance- Features- Strategies- Barriers



Unit V Soft Skills

12 h

Self - Discovery and Goal Setting: Self - Discovery - Goals and Types- Benefits, Areas and Clarity of Goal Setting

Positive Thinking (PT) and Attitude: Benefits of PT and Attitude- Develop Positive Attitude and Thinking- Drive out Negative Thinking and Attitude

Etiquettes and Manners: Home, Table and Business, Time Management

Text Books

- 1 Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. Sparkle. (1st Edn.) McGraw - Hill Education. Chennai. [Unit I - V]

References

- 1 Ghosh, B.N. Editor. 2017. Managing Soft Skills for Personality Development. McGraw - Hill Education, Chennai.
- 2 Adams, Katherine L. and Gloria I. Galanes. 2018. Communicating in Groups- Applications and Skills. McGraw - Hill Education, Chennai.
- 3 Koneru, Aruna. 2017. Professional Communication. McGraw - Hill Education, Chennai.
- 4 Koneru, Aruna. 2011. English Language Skills. McGraw - Hill Education, Chennai.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A2CA	ADVANCED FINANCIAL ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The accounting aspects of finance in business
- The accounting procedures followed in Consignment, Joint Venture, Branch accounts and Single Entry system.
- The partnership accounts from admission to dissolution.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand the principles related to Various field of Accounting for Consolidations.	K2
CO2	Apply the concepts of accounting in a real time business entity	K3
CO3	Demonstrate the accounting for incomplete system.	K2
CO4	Understand the method of maintaining Partner's Capital Account	K2
CO5	Understand the various advanced accounting issues related to Financial Accounting within a global or ethical framework issues and responsibilities of accountants.	K2

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A2CA	ADVANCED FINANCIAL ACCOUNTING	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Consignment and Joint Venture 15 h

Features – Proforma invoice – Account sale – Delcredere commission – Accounting treatment in the books of the consignor and the consignee –Valuation of consignment stock – Normal Loss. Joint venture: Features – Difference between joint venture and consignment, Accounting Procedure – Methods of recording Joint venture Transactions.

Unit II Branch accounts and Accounting for Incomplete System 15 h

Dependent Branches – Features –Accounting in respect of Dependent Branches – Debtors System only – Cost Price and Invoice Price – Independent branches theory only. Accounting for incomplete system – Meaning and Features – Defects – Statement of Affairs Method and Conversion Method.

Unit III Hire Purchase System 15 h

Features - Terms used in Hire Purchase System - Difference between Hire Purchase System and Installment System – Calculation of Interest – Methods of calculating interest - Accounting Procedure – Hire purchase trading accounts (Debtors Method only).

Unit IV Partnership Accounts - Admission of a Partner 15 h

Essential features of Partnership - Division of Profits – Fixed and Fluctuating Capital – Guarantee of Profits – Calculation of Ratios – Factors of affecting the value of Goodwill - Need for valuing Goodwill -Calculation of Goodwill – Admission of a Partner- Calculation of New profit sharing ratio and Sacrificing ratio.

Unit V Retirement and Death of a Partner 12 h

Treatment of Goodwill - Revaluation of Assets and Liabilities – Calculation of New or Gaining Ratio - Treatment of undistributed Profits or Losses - Dissolution of Partnership - Difference between Dissolution of a Partnership and Dissolution of a Firm(theory only)



Note: Distribution of Marks: 80% Problems and 20% Theory.

Text Books

- 1 Jain S.P and Narang K, (2013). Financial Accounting. (19th Edn.) Ludhiana: Kalyani Publishers (UNIT I TO III).
- 2 Jain S.P and Narang K , (2004). Financial Accounting. (7th Edn.) Ludhian : Kalyani Publishers(UNIT IV-V) .

References

- 1 Gupta R.L. and Radhaswamy M, (2014). Advanced Accounting. (Edn.) New Delhi: Sultan Chand & sons.
- 2 Ashok Sehgal and Deepak Sehgal, (2008). Advanced Accounting –Financial Accounting. (6th Edn.) New Delhi: Taxmann Publications Private Limited.
- 3 M. Hanif A. Mukherjee.,. (2012). Advanced Accounting (Volume II). (1st Edn.) : Mcgraw Hill Education .
- 4 Reddy,T.S. and Murthy,A (2012). Financial Accounting. (6th Edn.) Chennai: Margham Publications.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A2CB	PRINCIPLES OF MARKETING	CORE	4		-	4

PREAMBLE

This course has been designed for students to learn and understand

- The fundamental marketing concepts, theories and principles in areas of marketing.
- The role of marketing in building and managing customer relationships.
- The types of ethical and social responsibility issues that marketing must address.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand the key concepts in marketing and the marketing process	K2
CO2	Demonstrate conceptual knowledge in the functional area of marketing	K4
CO3	Understand the behavioural nature of consumer and apply Customer Relationship Management strategies.	K4
CO4	Understand the knowledge of effective distribution channels and analyze the components of the marketing mix	K2
CO5	Analyze the ethical practices and social responsibility in marketing/business practice.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A2CB	PRINCIPLES OF MARKETING	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Marketing 10 h

Meaning and Definition of market and marketing-Classification of markets - Evolution of marketing - Importance of marketing -Modern Marketing concept-Features - Marketing Environment - Micro and Macro Marketing Environment

Unit II Functions of Marketing 10 h

Classification of marketing functions - Buying - Elements of buying - Kinds of buying - Selling -Elements of selling- Transportation - Classification of transport - Storage - Functions of Storage - Kinds of Warehouses - Financing - Working Capital - Kinds and Sources of Working capital - Risk Bearing -Kinds of Marketing Risks - Standardization -Market Information.

Unit III Consumer Behavior and Market Segmentation 10 h

Meaning -Need for studying consumer behavior-Factors influencing consumer behavior-Market segmentation - Criteria for successful Segmentation - Methods of Segmenting - Customer Relationship Marketing- Strategies.

Unit IV Marketing Mix 10 h

Product mix -Meaning of Product -Product life cycle -Branding-labeling-Price Mix-Importance-Pricing objectives - Pricing strategies -Personal selling and Sales Promotion - Advertisement - Media of advertisement -Place mix- Promotion Mix-Importance of channels of distribution -Functions of middlemen - Importance of retailing in today's context

Unit V Marketing Strategies and Ethics 8 h

Global Marketing -E-marketing -Telemarketing- Green Marketing- Marketing Ethics - Marketing and Government -Bureau of Indian Standards -Agmark - Consumerism - Consumer Awareness-consumer protection Act - Rights of consumers. - Career Opportunities in Marketing



Text Books

- 1 Pillai.R.S.N and Baghavathy,N (edition 1987, Reprint 2012). Marketing Management. (5th Edn.) Delhi: Sultan Chand and sons Publishers Unit-I-IV.
- 2 Gupta .C.B and RajanNair,, N. (Edition 1996 Reprint 2012). Marketing Management. (Edn.) Sultan Chand and Sons Publishers Unit - V :.

References

- 1 Philip Kotler.,.,. (2014). Principles of Marketing. (16th Edn.) New Delhi: Pearson Education Pvt. Ltd).
- 2 Ramasamy.R. V.S and Namakumari,, . (2010). Marketing Management. (3rd Edn.) New Delhi: MacMillan India. Limited).
- 3 Kavitha Sharma and Swati Aggarwal,. (2018). Principles of Marketing. (10th Edn.) New Delhi: Taxmann Publications Private Limited.
- 4 Amit Kumar,I.N. (Revised Edition 2017). Principles of Marketing. (10th Edn.) Agra: Sahitya Bhawan Publications.



195CI1A2CP	CORE PRACTICAL : ACCOUNTING APPLICATIONS	SEMESTER II
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Total Credits: 2

Total Instructions Hours: 48 h

S.No	List of Experiments
1	Creation of a new company and alteration of a company.
2	Creation of ledgers and groups.
3	Creation of vouchers.
4	Preparation of trial balance.
5	Preparation of Profit and Loss A/c and Balance Sheet.
6	Preparation of subsidiary books
7	Ratio Analysis
8	Preparation of Stock Summary
9	Preparation of inventory statement using FIFO and LIFO
10	Bank reconciliation Statement
11	Stock summary with final accounts.
12	Preparation of bill wise details

Note: Programs out of 12 programs 10 are to be done



Course Code	Course Name	Category	L	T	P	Credit
192MT1B2IC	BUSINESS STATISTICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The requirements of a good average and differentiate between average and Dispersion
- The Importance as also the Limitation of Correlation and Regression Analysis
- To enhance student knowledge in Test of Significance and Chi-Square Test

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Learn and know as to how Statistics can be used	K1
CO2	Know the main properties of each Measure of Central Tendency and select the most appropriate one for use with a given set of data	K2
CO3	Understand the Importance and Limitations of Correlation Analysis	K3
CO4	Recognize different components of a Time series	K3
CO5	Analyzing the concept of Test of Significance	K4

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong M Medium L Low



192MT1B2IC	BUSINESS STATISTICS	SEMESTER II
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I	Statistics	9 h
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Introduction-Origin and Growth of Statistics-Statistics as Data- Collection of Data- Primary and Secondary Data – Methods of Collecting Primary Data and Secondary Data - Classification and Tabulation of Data - Meaning and Objective of Classification-Types of Classification - Diagrammatic and Graphic Presentation - General Rules for Constructing Diagrams-Types of Diagrams-Graphs of Frequency Distributions

Unit II	Measures of Central Value and Dispersion	9 h
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Function of an Average - Characteristics of Typical Average - Limitations - Properties - Mean - Calculation of Mean - Merits of Mean - Demerits of Mean - Median - Calculation of Median - Merits of Median - Demerits of Median - Mode - Calculation of Mode - Merits of Mode - Demerits of Mode - Range - Quartile Deviation - Standard Deviation

Unit III Correlation and Regression 9 h

Types of Correlation - Scatter diagram Method - Coefficient of Correlation -Karl Pearson's Coefficient of Correlation - Merits and Demerits of Correlation- Rank Correlation - Regression - Uses - Difference between Correlation and Regression - Method of Studying Regression - Regression Equations - Regression equation of Y on X - Regression equation of X on Y

Unit IV Analysis of Time Series 9 h

Uses - Time Series Models - Secular Trend - Seasonal Variation - Cyclical Variation - Irregular Variation - Measurement of Secular Trend - Graphic Method - Semi Average Method - Moving Average Method - Method of Least Squares - Method of Simple Averages



Unit V Test of Significance and Chi-Square Test

12 h

Testing of Hypothesis - Standard Error - Test of Significance for Attributes - Test for Proportion of Success - Test for Difference in Proportions - Test of Significance for Large Samples - The Standard error of mean - Testing the difference between means of Two Samples - Test of Significance for Small Samples - Students' t-Distribution - Chi Square Test - Characteristics of Chi Square Test - Degree of Freedom - Chi Square Test of goodness of fit - Chi Square as a test of independence

Note: 20% Theory and 80% Problem

Text Books

- 1 Pillai R.S.N. and Bagavathi V., 2002, "Statistics", 14th Edition, S. Chand and Company Ltd, New Delhi

References

- 1 Gupta S.P, 2014, "Statistical Methods", 34th Edition., Sultan chand and sons Educational Publishers, New Delhi.
- 2 Ken Black 2009, "Business Statistics for Contemporary Decision Making", John Wiley and sons Pvt. Ltd, New Delhi.
- 3 Beri.G.C, 2010, "Business Statistics", 3rd Edition, Mc Graw Hill Education Pvt. Ltd, Chennai.
- 4 Frank S, Budnick 2010, "Applied Mathematics for Business, Economics and the Social Sciences", 4th Edition., McGraw Hill Education Pvt. Ltd, Chennai.



Course Code	Course Name	Category	L	T	P	Credit
196BM1A2AA	HUMAN RIGHTS	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- To study how human values and personality traits help to develop the characteristics of each individual
- Understanding the moral values towards the enrichment of the society
- Identify the impact of ethics and values on the global development of the current scenario

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand the concept of human values, personality traits and character formation.	K2
CO2	Acquire the knowledge through value education towards national and global development.	K1
CO3	Introduce the basic concepts of conflict, emotions and adolescent emotions.	K1
CO4	Illustrate the techniques in therapeutic measures like yoga and meditation.	K2
CO5	Learn the concepts of human rights, rights for women and children and domestic violence.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



196BM1A2AA	HUMAN RIGHTS	SEMESTER II
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Human Values 05 h

Concept of Human Values - Value Education Towards Personal Development - Aim of education and value education - Evolution of value oriented education - Concept of Human values - Types of values - Components of value education - Personal Development: Self analysis and introspection - Sensitization towards gender equality - Physically challenged - Intellectually challenged - Respect to age - Experience - Maturity - Family members - Neighbours - Co-workers - Character Formation towards Positive Personality: Truthfulness - Constructivity - Sacrifice - Sincerity - Self Control - Altruism - Tolerance - Scientific Vision.

Unit II Value Education and Social Values 05 h

Value Education Towards National and Global Development National and International Values: Constitutional or national values - Democracy - Socialism - Secularism - Equality - Justice - Liberty - Freedom and fraternity -Social Values - Pity and probity - Self control - Universal brotherhood - Professional Values - Knowledge thirst - Sincerity in profession - Regularity - Punctuality and faith - Religious Values - Tolerance - Wisdom - Character - Aesthetic values - Love and appreciation of literature and fine arts and respect for the same - National Integration and international understanding.

Unit III Global Development on Ethics and Values 04 h

Impact of Global Development on Ethics and Values: Conflict of cross-cultural influences - Mass media - Cross-border education - Materialistic values - Professional challenges and compromise - Modern Challenges of Adolescent Emotions and behave or Sex and spirituality: Comparison and competition - Positive and negative thoughts - Adolescent Emotions - Arrogance - Anger - Sexual instability - Selfishness - defiance.

Unit IV Yoga and Meditation 05 h

Therapeutic Measures: Control of the mind through - Simplified physical exercise - Meditation - Objectives - Types - Effect on body - Mind - Soul - Yoga - Objectives - Types - Asanas - Activities: Moralisation of Desires -Neutralisation of Anger - Eradication of Worries - Benefits of Blessings.




Unit V Human Rights and Rights of Women and Children

05 h

Human Rights - Concept of Human Rights – Indian and International Perspectives
 - Evolution of Human Rights - Definitions under Indian and International documents - Broad classification of Human Rights and Relevant Constitutional Provisions - Right to Life - Liberty and Dignity - Right to Equality - Right against Exploitation - Cultural and Educational Rights - Economic Rights - Political Rights - Social Rights - Human Rights of Women and Children - Social Practice and Constitutional Safeguards - Female Foeticide and Infanticide - Physical assault and harassment - Domestic violence - Conditions of Working Women - Institutions for Implementation - Human Rights Commission - Judiciary - Violations and Redressal Violation by State - Violation by Individuals - Nuclear Weapons and Terrorism Safeguards.

References

- 1 Brain Trust Aliyar, 2008, Value Education for health, happiness and harmony. Vethathiri publications, Erode
- 2 Grose. D. N, 2005, A text book of Value Education. Dominant Publishers and Distributors, New Delhi.
- 3 Yogesh Kumar Singh & Ruchika Nath, 2005, Value Education, P. H Publishing Corporation, New Delhi.
- 4 Venkataram & Sandhiya. N, 2001, Research in Value Education, APH Publishing Corporation, New Delhi.
- 5 Seetharam. R. (Ed), 1998, Becoming a better Teacher Madras Academic Staff College.
- 6 Brain Trust Aliyar, 2004, Value Education for Health, Happiness and Harmony. Vethathiri publications, Erode.
- 7 Swami Vivekananda, 2008, Personality Development. Advaita Ashrama, Kolkata.
- 8 Dey A. K, 2002, Environmental Chemistry. New Delhi – Vile Dasas Ltd.


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



Dr.NGPASC

COIMBATORE | INDIA



B.Com. IT (Students admitted during the AY 2020-21)

Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Third Semester										
195CM1A3CB	Core	Cost Accounting	5	1	-	3	25	75	100	4
195CI1A3CA	Core	Multimedia and Desktop Publishing	4	-	-	3	25	75	100	4
195CI1A3CB	Core	Principles of Management	4		-	3	25	75	100	3
195CM1A3IA	IDC	Business Economics	4	-	-	3	25	75	100	4
195CI1A3SA	SEC	C - Programming	4	-	-	3	25	75	100	4
195CI1A3SP	SEC Practical	C - Programming	-	-	4	3	40	60	100	2
	GE		2	-	-	3	-	50	50	2
Part - IV										
191TL1A3AA	AECC - III	Basic Tamil	2	-	-	3	-	50	50	2
191TL1A3AB		Advanced Tamil								
195CR1A3AA		Women's Rights								
Total			25	1	4				700	25

EXTRA CREDIT COURSES

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

S. No.	Course Code	Course Name
1	195CI1ASSA	Principles of Insurance
2	195CI1ASSB	Retail Marketing



Course Code	Course Name	Category	L	T	P	Credit
195CM1A3CB	COST ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- enable the students to know about the Costing Terms in business
- provide adequate knowledge on Cost Accounting Practice
- Gain knowledge in process and contract costing

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 method to analysis level material control	K3
CO3	Use different methods of wages & incentives to labour and Absorption of overhead	K3
CO4	Explain a process costing system and compute the Cost of each process of finished produced	K2
CO5	Retrieve the concept of Contract costing and Job costing	K1

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CM1A3CB	COST ACCOUNTING	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Cost Concept and cost sheet 12 h

Cost Accounting – Definition– Meaning and Scope – Concept and Classification – Costing an aid to Management – Types and Methods of Cost – Elements of Cost Preparation of Cost Sheet and Tender.

Unit II Material Control and issue 16 h

Material: Levels of material Control – Need for Material Control – Techniques of inventory control -Perpetual inventory – Periodic Inventory– 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.

Unit III Labour Costing and Overheads 15 h

Labour: System of wage payment – Idle time – Control over idle time – Labour turnover –Methods of Remuneration and incentive systems – Halsey Plan – Rowan Plan only –Overhead – Classification of overhead – Allocation of overhead and Absorption of overhead – Computation of Machine Hour Rate .

Unit IV Process Costing 14 h

Process costing – Features of process costing – process losses, wastage, scrap, normal process loss – abnormal loss, abnormal gain. (Excluding inter process profits and equivalent production)

Unit V Contract Costing and Reconciliation 15 h

Contract costing –Meaning and Features of Contract Costing, Contract v/s Job Costing, Treatment of Profit on Incomplete Contracts as Credited Profit and Reserve Profit, Value of Work-in-progress and Practical Problems on Preparation of Contract Account and Balance Sheet. Reconciliation of Cost and Financial accounts

Note:Distribution of Marks: 60% problems and 40% theory.



Text Books

- 1 Reddy T.S., and Hari Prasad Reddy Y. 2017. Cost Accounting, Margham Publications, Chennai.
- 2 Jain S.P and Narang K.L. 2014. Cost Accounting, Kalyani Publishers, New Delhi.

References

- 1 S. P. Iyengar, 2010. Cost Accounting Principles and Practice. Sultan Chand & Sons, New Delhi.
- 2 Pillai.R.S.N. and Bagavathi 2014. Cost Accounting. Sultan Chand and Company Ltd., New Delhi.
- 3 Saxena V, Vashist C 2014. Advanced Cost Accounting. Sultan Chand and Company Ltd., New Delhi.
- 4 M.N.Arora & Priyanka Katyal 2019. Cost Accounting. Vikas Publishing House, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A3CA	MULTIMEDIA AND DESKTOP PUBLISHING	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The concepts of multimedia and its applications.
- The various file formats.
- The various techniques in the area of animation.

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 Multimedia and its working environment	K1
CO2	Understand the concepts of Image processing	K2
CO3	Understanding the concept of Audio and Video	K3
CO4	Learn the concepts in photo shop.	K2
CO5	Illustrate the concepts of corel draw and page maker.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	L
CO2	S	M	M	M	L
CO3	S	S	S	S	L
CO4	S	M	S	S	M
CO5	S	S	M	L	M

S Strong

M Medium

L Low



195CI1A3CA	MULTIMEDIA AND DESKTOP PUBLISHING	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Multimedia An Overview 8 h

Introduction -Multimedia Presentation and Production-Characteristics of a Multimedia Presentation-Uses of Multimedia Text: Types of Text – Font – Insertion of Text – Text compression – File formats.

Unit II Image and Audio 10 h

Image Types – Color Models – Basic Steps for Image Processing – Scanner – Image Processing software – File Formats. Audio: Introduction – Acoustics – Nature of Sound Waves – Microphone- Loudspeaker – Audio Mixer – Digital Audio – Synthesizers

Unit III Video and Animation 8 h

Video File Formats – Video Editing – Video Editing Software. Animation: Types of Animation – Principles of Animation – Some Techniques of Animation.

Unit IV Photoshop 10 h

History & introduction - menus - the tools -Inserting picture and shapes, filling colors, text effects, working with layers, filters. Corel draw –An overview, menus and tools .

Unit V Corel Draw and Page Maker 12 h

Lines, shapes – Inserting pictures and tables-adjusting the positioning and merging-Shortcut keys in Corel draw. Page maker- An introduction, basics menus & tools.



Text Books

- 1 Ranjan Parekh, "Principles of Multimedia" Second Edition, Tata McGraw-Hill.
- 2 Mr.Kalpesh Patel, 2012, "Desktop Publishing Handbook", 10th edition , Computer World Publication.

References

- 1 Amrish Aggarwal, 2014, "Computer Graphics and Multimedia Application" Fourth Edition. Kalyani publisher and New Delhi.
- 2 Malay K Pakhira.,2010, "Computer Graphics and Multimedia Application" First Edition, PHI Learning Pvt. Ltd., and New Delhi.
- 3 Steve Bark, "An Introduction to Adobe Photoshop", Bark and Ventus Publishing ApS.
- 4 Julia Case Bradley, Sandra K. Rittman, Joanne Floyd, Nancy Sherman, 2000, "Desktop Publishing Using PageMaker 6.0: Windows with 6.5 Supplement ", McGraw-Hill Higher Education.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A3CB	PRINCIPLES OF MANAGEMENT	CORE	4	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- The elements of effective management.
- The basic principles of management.
- The leadership qualities and importance of co-ordination.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Observe the influence of historical forces on the current practice of management.	K2
CO2	Analyze the problem solving strategies and critical thinking skills in real life situations	K4
CO3	Practice the process of management's functions: planning, organizing, leading, and controlling	K2
CO4	Understand leadership styles to anticipate the consequences of each leadership style.	K2
CO5	Identify the social responsibility and ethical issues involved in business situations.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	M	L	M	S
CO2	M	M	M	S	S
CO3	M	M	L	M	M
CO4	M	M	L	S	S
CO5	M	M	L	S	S

S Strong

M Medium

L Low



195CI1A3CB	PRINCIPLES OF MANAGEMENT	SEMESTER III
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I 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).

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. Delegation - Process of Delegations-Barriers to Delegation, Span of Control – Centralization & Decentralization - Departmentation.

Unit IV Staffing 09 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 - Leadership – Types – Qualities of a Good Leader- Leadership styles

Unit V Control 09 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

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



Text Books

- 1 Dinkar Pagare , 2018, "Principles of Management", Sixth Edition, Sultan Chand & Sons and New Delhi.
- 2 Ramaswamy.T., 2012, "Principles of Management", Eighth Edition, Himalaya Publishing Home Pvt Ltd and Mumbai

References

- 1 Govindarajan. M., 2008. "Principles of Management", First Edition, PHI and New Delhi.
- 2 Prasad L.M., 2015, "Principles and Practice of Management", Eighth Edition, Sultan Chand & Sons and New Delhi.
- 3 Paperback, P C Tripathi, P N Reddy., 2017, "Principles of Management", Sixteenth Edition, McGraw Hill Education and New Delhi.
- 4 J.K Mitra., 2017, "Principles of Management", First Edition, Oxford University Press.



Course Code	Course Name	Category	L	T	P	Credit
195CM1A3IA	BUSINESS ECONOMICS	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The relationship between economics and business.
- The application of economic theories in modern business.
- Concepts relating to national income

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	To discuss the relationship between economics and business and to analyze the application of economic theories in modern business.	K1
CO2	Analyze the demand and supply conditions and to give outline on both elasticity of demand and supply.	K4
CO3	Compare various cost concepts and identify the cost output relationships.	K2
CO4	Evaluate pricing and output relationships to adopt appropriate pricing methods under different market situations.	K5
CO5	Make use of the concepts relating to national income and estimation of national income using various methods.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CM1A3IA	BUSINESS ECONOMICS	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Business Economics 8 h

Business Economics :Meaning – Definition - Scope - Micro and Macro Economics – Concepts Applied in Business Economics - Role and Responsibilities of a Business Economist.

Unit II Demand and supply 10 h

Demand: Meaning–Types - Determinants and Distinctions of demand - Law of Demand - Elasticity of Demand - Demand Forecasting. Supply: Meaning of Supply – Supply factor - Law of Supply - Elasticity of Supply - Factors Determining Elasticity of Supply.

Unit III Cost Concepts 8 h

Cost Concepts - Cost Output Relationship - Production Function – Iso-quants - Law of Variable Proportions - Returns to Scale - Producer's Equilibrium.

Unit IV Market Structure 12 h

Market Structure – Kinds of Market - Features - Price and Output

Determination Perfect Competition – Monopoly – Monopolistic Competition- Oligopoly.

Unit V National Income 10 h

Definition – Concept – Uses - Methods of Calculating National Income –

Difficulties in Estimation of National Income - National Income and Economic Welfare.



Text Books

- 1 Shankaran. S, 2013, "Business Economics", 4th edition (1991 Reprint 2013) , Margham Publication and Chennai).
- 2 Sundaram. K.P.M and Sundaram. E.N, 2010, "Business Economics", 4th edition (1997 Reprint 2010), Sultan Chand and Sons Publishers and New Delhi.)

References

- 1 Ahuja. H.L, 2009, "Business economics", S.Chand publications and New Delhi.
- 2 Shankaran. S, 2013, "Economic Analysis", 7th edition, Margham Publication and Chennai.
- 3 Lekhi. R. K, 2010, "Business Economics", First Edition. Kalyani Publishers and New Delhi
- 4 Cauvery R, Girija M, Sudha Nayak U K and Meenakshi R, 2013, "Managerial Economics", Third Edition, S.Chand Publishing



Course Code	Course Name	Category	L	T	P	Credit
195CI1A3SA	C - PROGRAMMING	CORE	4	-	-	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	Learn the fundamentals of C programming.	K1
CO2	Explain the concepts of Operator and Expression	K2
CO3	Understand the principles of control structures and array.	K3
CO4	Apply the knowledge of strings and functions.	K2
CO5	Build programs using structures, unions and pointers.	K2

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A3SA	C - PROGRAMMING	SEMESTER III
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction 8 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 10 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 10 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 10 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 10 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.



Text Books

- 1 Yeswanth Kanetkar, 2016 , “Let us C”,15th Edition, BPB.
- 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 Kathikeyan.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.



195CI1A3SP	SEC PRACTICAL : C – PROGRAMMING	SEMESTER III
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	List of Programs
1	To check even or odd.
2	To find the largest number among three numbers.
3	To print multiplication table.
4	To check whether a number is positive or negative.
5	To find factorial of a number.
6	To display fibonacci sequence.
7	To reverse a number.
8	To check whether a number is palindrome or not.
9	To add two matrix using multi-dimensional Arrays.
10	To find the length of a string.
11	To swap two numbers.
12	Write a C program to check and rectify divide by Zero condition.

Note: Any 10 programs have been done



195CI1A3GA	GE: MANAGERIAL COMMUNICATION	SEMESTER III
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Nature and Process of Communication 6 h

Definition – Classification – Purpose – Process – Elements – General Problems – Common Problems in Two-Way Communication – Barriers to Communication – Conditions and Characteristics for Successful communication – Universal Elements in Communication. Written Business Communication: The Art of Writing – Importance of Skills in Written Communication – Clarity in Writing – Principles of Effective Writing.

Unit II Oral Communication 5 h

Oral Communication Skills – Application of Conversation Control. Non-Verbal Communication: Meaning – Characteristics – Classification – Advantages – Guidelines. Negotiation Skills: Meaning – Nature – Need – Factors Affecting – Process – Strategies.

Unit III Drafting of business letters 5 h

Enquiries and replies – Placing and fulfilling orders – Complaints and follow-up – Sales letters – Circular letters – Report writing.

Meeting: Notices, Agenda and Minutes of the Meetings.

Unit IV Direct Interview 5 h

Body Language, Gestures, Postures, Facial Expressions, Dress codes. The Cross Cultural Dimensions of Business Communication. Listening & Speaking, techniques of eliciting response, probing questions, Observation. Business and social etiquettes.

Unit V Writing CVs, Group Discussions and Attending Interviews 3 h

Preparing for Job- Importance of Resume and Covering Letter – Writing a Resume- Essentials of Drafting Effective Resume- Interview- Types of Interviews



Text Books

- 1 Rajendra Pal., and Korlhalli, J.S, 2014, "Essentials of Business Communication" Sultan Chand & Sons & New Delhi
- 2 Ramesh, MS., and Pattanshetti, C.C , 2003, " Business Communication"
R.Chand & Co & New Delhi.

References

- 1 Sinha, K.K, 2018, "Business Communication",4 edition, Taxmann Publications Private Limited & New Delhi.
- 2 Asha Kaul ,2014, "Effective Business Communication" ,Second Edition, Prentice Hall of India Private Limited, New Delhi.
- 3 Asha kaul, 2011, "Business Communication" ,Second Edition, Prentice Hall of India Private Limited & New Delhi.
- 4 P.D Chaturvedi,Mukesh Chaturvedi, 2015 , "Business Communication Skills, Concepts And Application" ,Pearson India Education service Pvt.Ltd & New Delhi



195CI1ASSB	RETAIL MARKETING	SEMESTER III
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Total Credit: 1

Syllabus

Unit I Introduction to Retailing

Retailing and economic significance – types of retailers - Trends, characteristics, food, general merchandise, non-store retailing – service retailing – Retail Marketing Environment

Unit II Retailing Channel

Multi channel retailing – retail channels for interacting with customers, Electronics and others – Multi Channel retailing shopping experience
– retail market strategy.

Unit III Retail location and sight selection

Types of Retail Stores Location- Factors Affecting Retail Location decisions- Site Evaluation- Site Selection.

Unit IV Pricing

Pricing strategies and approaches – store lay out – design – visual merchandising.

Unit V Rural Retailing

Introduction - Overview of the Indian Rural Market - Role of Rural retailing in India - Challenges in Indian Rural Markets.



Text Books

- 1 Gibson G. Vedamani, 2003, "Retail Management" , 4th Edition, Jaico Publishing House & Mumbai.
- 2 Dr.L.Natrajan., 2013, "Retail Marketing", Margham Publications & Chennai.

References

- 1 Gilbert Pearson., 2001, "Retail Marketing" , Pearson Education Asia
- 2 Berman & Evans., 2001, "Retail Management", PHI & New Delhi.
- 3 David Gilbert., 2006, "Retail Marketing Management" 2nd Edition, Pearson India Education service Pvt.Ltd & New Delhi.
- 4 Swapna Pradhan., 2012, "Retailing Management", 5th Edition, McGraw Higher Education & New Delhi.



195CI1ASSA	PRINCIPLES OF INSURANCE	SEMESTER III
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Total Credit: 1

Syllabus

Unit I Introduction to Insurance

Insurance Meaning, functions, nature and principles of insurance, importance of insurance to individuals and business.

Unit II Life Insurance

Features of a life insurance contract – classification of policies – investment of funds – surrender value – bonus option – policy condition – annuity contracts.

Unit III Marine Insurance

Contract of marine insurance – elements of marine insurance – classes of policies – policy conditions – clause in a marine insurance policy – marine losses.

Unit IV Fire Insurance

Features of a fire insurance – kinds of policies – policy conditions – payment of claims – reinsurance.

Unit V Miscellaneous Insurance

Motor insurance – burglary – personal accident insurance



Text Books

- 1 M. N. Mishra, 2016 , "Insurance Principles And Practice" ,22nd Edition , S. Chand & Co, New Delhi.
- 2 G. S. Pande, "Insurance – Principles and Practices of Insurance", Himalaya Publishing.

References

- 1 P.S. Palandi, 2000, "Insurance in India" ,Sagar Publications.
- 2 M.N.Mishra, 2008 , "Insurance principles and practice", S.Chand&Co, New Delhi.
- 3 Dayal H, 2017," Fundamentals of Insurance: Theories, Principles and Practice", Notion Press & Agra.
- 4 Sarvaria S K., 2016, "The Insurance Regulatory and Development Authority Act", Universal Law Publishing.



191TL1A3AA	பகுதி - 4 : அடிப்படைத்தமிழ்தாள் : 1(Basic Tamil)	SEMESTER III
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Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2019-20ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது (10 மற்றும் 12 - ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு) (பருவத் தேர்வு உண்டு)

அலகு : 1 தமிழ் மொழியின் அடிப்படைக் கூறுகள் 12 h

அ) எழுத்துகள் அறிமுகம் :

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

ஆ) சொற்களின் அறிமுகம்: பெயர்ச்சொல், வினைச்சொல் - விளக்கம் (எ.கா.)

அலகு : 2 குறிப்பு எழுதுதல் 12 h

1. பெயர், முகவரி, பாடப்பிரிவு , கல்லூரியின் முகவரி
2. தமிழ் மாதங்கள்(12), வாரநாட்கள்(7),
3. எண்கள் (ஒன்று முதல் பத்து வரை), வடிவங்கள், வண்ணங்கள்
4. ஊர்வன, பறப்பன, விலங்குகள், மனிதர்களின் உறவுப்பெயர்கள்
5. ஊர்களின்பெயர்கள் (எண்ணிக்கை 10)
6. பயிற்சிப் பகுதி (உரையாடும் இடங்கள்) : வகுப்பறை, பேருந்து நிலையம், சந்தை

வினாத்தாள் அமைப்பு முறை -

மொத்த மதிப்பெண்கள் - 50

சரியான விடையைத் தேர்வு செய்தல்	பகுதி -அ	10x2=20
அரைப்பக்க அளவில் விடையளிக்க	பகுதி -ஆ	03x5=15
இரண்டு பக்க அளவில் விடையளிக்க	பகுதி-இ	01x15=15

குறிப்பு:

- அனைத்து அலகுகளில் இருந்தும் வினாக்கள் அமைதல் வேண்டும்
- பகுதி ஆ மற்றும் இ -க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அந்தந்த அலகுகளில் அமைதல் வேண்டும்



Text Books

- 1 அடிப்படைத் தமிழ். 2019. தொகுப்பு : தமிழ்த் துறை, டாக்டர் என். ஜி.பி. கலை மற்றும் அறிவியல் கல்லூரி, நியூ செஞ்சுரி புக் ஹவுஸ்(பி)லிட். சென்னை

References

- 1 ஒன்றாம் வகுப்பு பாடநூல் - தமிழ்நாடு அரசு பாடநூல் கழகம்
- 2 வலைதள முகவரி : <http://tamilvu.org>



191TL1A3AB	பகுதி - 4 : சிறப்புத் தமிழ் தாள் : 1 (Advanced Tamil)	SEMESTER - III
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Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2019- 2020 ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது (10 மற்றும் 12 - ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு உரியது)(பருவத் தேர்வு உண்டு)

அலகு - 1 மரபுக் கவிதைகள் 05 h

அ) பாரதியார் கவிதைகள்

- தமிழ்நாடு
- மனதில் உறுதி வேண்டும்
- வருகின்ற பாரதம் (பா.எண்.5-8)

ஆ) பாரதிதாசன் கவிதைகள்

- இன்பத்தமிழ்
- நீங்களே சொல்லுங்கள்
- வாளினை எட்டா!

இ) தாராபாரதி கவிதைகள்

- வேலைகளல்ல வேள்விகள்

அலகு - 2 புதுக்கவிதைகள் 05 h

- கம்பன் கவியரங்கக் கவிதை - மு.மேத்தா
- தமிழா! நீ பேசுவது தமிழா! - காசியானந்தன்
- நட்புக் காலம் (10 கவிதைகள்) - அறிவுமதி கவிதைகள்

அலகு - 3 இலக்கணம் 04 h

- வல்லினம் மிகும் மற்றும் மிகா இடங்கள்
- ர, ற, - ல, ழ, ள - ந, ண, ன - ஒலிப்பு நெறி, பொருள் வேறுபாடு அறிதல்

அலகு - 4 கடிதங்கள் எழுதுதல் 05 h

- பாராட்டுக் கடிதம்
- நன்றிக் கடிதம்
- அழைப்புக் கடிதம்
- அலுவலக விண்ணப்பங்கள்

அலகு - 5 பாடம் தழுவிய வரலாறு 05 h

- பாரதியாரின் இலக்கியப் பணி
- பாரதிதாசனின் இலக்கியப்பணி
- மரபுக்கவிதை, புதுக்கவிதை - விளக்கம்



வினாத்தாள் அமைப்பு முறை -	மொத்த மதிப்பெண்கள் - 50
சரியான விடையைத் தேர்வு செய்தல்	பகுதி -அ
அரைப்பக்க அளவில் விடையளிக்க	பகுதி -ஆ
இரண்டு பக்க அளவில் விடையளிக்க	பகுதி-இ
	10x1=10
	05x3=15
	05x5=25

குறிப்பு:

- பகுதி -அ அனைத்து அலகுகளில் இருந்தும் இரண்டு வினாக்கள் அமைதல் வேண்டும்
- பகுதி ஆ மற்றும் இ -க்கான வினாக்கள் இது அல்லது அது என்ற அடிப்படையில் அந்தந்த அலகுகளில் அமைதல் வேண்டும்

Text Books

- 1 சிறப்புத் தமிழ் . 2019. தொகுப்பு: தமிழ்த் துறை, டாக்டர் என். ஜி.பி. கலை மற்றும் அறிவியல் கல்லூரி, நியூ செஞ்சுரி புக் ஹவுஸ்(பி)லிட். சென்னை

References

- 1 புலவர் சோம. இளவரசு - 2014. இலக்கிய வரலாறு, மணிவாசகர் பதிப்பகம், சென்னை - 108
- 2 வலைதள முகவரி : <http://tamilvu.org>



195CR1A3AA	WOMEN'S RIGHTS	SEMESTER III
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Total Credits: 2

Total Instruction Hours: 24h

Syllabus

Unit I Rights to Infant & Child 4 h

Issues for women in India- Law relating to Female infanticide-Rights to the survival of a child-Child Labour- Child trafficking –Child Marriage- Protection of Children against Sexual Offences Act 2012 (POCSO)

Unit II Rights to women 5 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

Unit III Laws for Senior Citizen women 5 h

Constitutional Rights –Personal Laws- The Tamil Nadu Maintenance and Welfare of Parents and Senior Citizens Rules in 2009- The National Council for Older person- Government Provisions for elderly persons

Unit IV Civil and Political Rights of Women 5 h

Right of inheritance-Right to live with decency and dignity-The Married women's Property Act 1874-Personal law 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

Unit V International convention on Womens' Right 5 h

Convention on the Elimination of All Forms of Discrimination against Women(CEDAW)-United Nations population Fund(UNFPA)-Protocol to the African Charter on the rights of women in Africa-Convention on the Nationality of Married women-Convention on the political rights of women- Inter-American convention on granting of civil and political rights for women-Universal declaration of Human rights



Text Books

- 1 Women & Law(2009)-Krishna Pal Malik-Allahabad Law University, Delhi

References

- 1 Women's Human Rights in India(2019)-Christian Foster and Jaya Sagade- Routledge India
Justice for Women: Concerns and Expressions (2008)-Anand AS –Universal Law
- 2 Publishing Co.



Course Code	Course Category	Course Name	L	T	P	Exam (h)	Max Marks			Credits
							CIA	ESE	Total	
Fourth Semester										
195BA1A4CA	Core - VIII	Management Accounting	5	1	-	3	25	75	100	4
195CI1A4CA	Core - IX	VB.NET	5	-	-	3	25	75	100	3
195CI1A4CB	Core - X	Business Communication	3	-	-	3	25	75	100	3
195CI1A4CC	Core - XI	Data Base Management System	4	-	-	3	25	75	100	3
195CI1A4CP	Core Practical - III	VB.NET and DBMS	-	-	4	3	40	60	100	2
196BM1A4IA	IDC - IV	Business Organization and Office Management	4	-	-	3	25	75	100	4
	GE - II		2	-	-	3	-	50	50	2
Part IV										
191TL1A4AA	AECC - IV	Basic Tamil	2	-	-	3	-	50	50	2
191TL1A4AB		Advanced Tamil								
192PY1A4AA		General Awareness								
Total			25	1	4				700	23


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



Dr.NGPASC

COIMBATORE | INDIA

B.Com. (IT) (Students admitted during the AY 2020-21)

Course Code	Course Name	Category	L	T	P	Credit
195BA1A4CA	MANAGEMENT ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The Management Accounting Techniques
- The conceptual framework of Management Accounting
- The budgeting Techniques

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Perceive the concepts of Management accounting and classifying the financial accounting, management accounting and cost accounting	K1
CO2	Obtain knowledge to calculate the types of ratio	K1
CO3	Capture the procedures relating Working Capital and Cash flow statement	K1 & K4
CO4	Know the concepts, of Marginal costing and Break Even Analysis	K3
CO5	To gather Knowledge about the Budgeting and classify the types of budget	K1 & K4

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195BA1A4CA	MANAGEMENT ACCOUNTING	SEMESTER IV
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Introduction to Management Accounting 14 h

Management accounting - Meaning-Definition – Characteristics - Scope-Objectives - functions - Distinction between financial accounting and management accounting - Distinction between management accounting and cost accounting - Tools and techniques of management accounting - Advantages and limitations.

Unit II Ratio Analysis&Working Capital 14 h

Ratio Analysis – Meaning-Advantages - Limitations-Classification of ratios-Analysis of Liquidity, Solvency, Profitability.

Working Capital –Meaning – Definition – Determinants -Working capital requirements and its computation.

Unit III Fund Flow Analysis and Cash FlowStatement 15 h

Fund flow statement –Meaning -Importance-Limitations – Preparation of schedule of changes in working capital-Calculation of funds from operation - Preparation of fund flow statement.

Cash flow statement –Meaning –Importance –Difference between fund flow and cash flow analysis –Advantages –Limitations –Computations of cash from operations – Preparation of Cash flow statement.(Revised format AS3)

Unit IV Marginal costing&Break Even Analysis 14 h

Marginal costing – meaning – Significance - limitations Break Even Analysis – Managerial applications - Key factors: - Make or Buy - Pricing decision –Effect of changes in sales price.

Unit V Budgeting&Budgetary control 15 h

Budgeting and Budgetary control – Definition – Importance, Essentials – Classification of Budgets –Master Budget- material budget - purchase budget- sales budget - cash budget - flexible budget — Theoretical concept of Zero Base Budgeting

Note: 60% Problem 40% Theory



Text Books

- 1 Sharma and S.K.Gupta, 2019. **“Management Accounting”**, (13th Edn.) Kalyani Publishers, New Delhi.
- 2 S.P. Jain and K.L. Narang, 2016. **“Cost and Management Accounting”**, (Revised Edn.) Kalyani Publishers, New Delhi.

References

- 1 Ramachandran & Srinivasan. R. 2019. **Management Accounting**, (17th Edn.) Sriram Publications, Trichy.
- 2 Dr. S.N. Maheswari. 2014. **“Management Accounting”**, (Revised Edn.) Sultan Chand & Sons, New Delhi.
- 3 Reddy T.S and Reddy H.P, 2013, **“Management Accounting”**, (VIII Edn.) Margham Publications, Chennai.
- 4 M Y Khan, P. K Jain, 2017, **"Management Accounting"** (7th Edn), McGraw Hill Publications, Noida, India.

Course Code	Course Name	Category	L	T	P	Credit
195CI1A4CA	VB.NET	CORE	5	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To enable the students to develop a front end tool for Customer Interaction in Business.
- The student must be able to develop an application using Visual Basic.
- To enable the students to develop inventory control and produce reports.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate Integrated Development Environment And Visual Basic Applications	K2
CO2	Make Use Of Control Structures, Data Types, Variables And Control Flow Statements	K2
CO3	Applying Intrinsic Controls To Develop Visual Basic Applications	K3
CO4	Analyzing The Concept of object oriented features	K4
CO5	Developing Data Environment and Data Report using Designer Tools	K5

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	M	S	L	S
CO2	M	M	S	S	M
CO3	M	L	S	S	S
CO4	M	S	S	S	S
CO5	M	S	S	S	M

S Strong

M Medium

L Low



195CI1A4CA	VB.NET	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I Introduction and .NET Framework 14 h

Introduction to .Net, Two tier and Three tier client server model, .Net Architecture, Features of .Net, Common Language Runtime(CLR), Framework Class Library(FCL), Advantages of .Net, Visual Studio.Net-IDE- Toolbars, Code Design Window, Solution Explorer, Object Browser, Tool box, Class view Window, Properties Window, Server Explorer, Task list, Output Window, Command Window. Languages Supported, Components Framework, CLR, CTS, CLS, Assemblies, Memory management issues - Garbage Collector and collection process, Exception Handling, Code Access Security.

Unit II Programming in Visual Basic.Net: 12 h

Data Types, Keywords, Declaring variables and constants, Arrays- Static and Dynamic, Built-in Functions-Mathematical and String Functions, User Defined Functions and Procedures.

Control Flow Statements: Conditional Statements- If- Then, If -Then -Else, Nested- If, Select Case, Loop Statements- Do Loop, For Loop, For-Each-Next Loop, While Loop, Nesting of Loops.

Unit III Elements of Visual Basic.Net: 12 h

Introduction to Window Applications, Using Form - Common Controls, Properties, Methods and Events. Interacting with controls - Textbox, Label, Button, List box, Combo box, Checkbox, Picture Box, Radio Button, , scroll bar, Timer, List View, Tree View, Date Time picker, Calendar, Dialog Controls, Creating and Using MDI applications, Creating Menus, Built-in Dialog Box- Open File Dialogs, Save File Dialogs, Font Dialogs, Color Dialogs, Print Dialog, Creating MDI parent and child form.

Unit IV Object Oriented Features: 12 h

Classes and Objects, Access Specifiers : Private, Public and Protected, Building Classes, Reusability, Abstraction, Encapsulation, Inheritance, Polymorphism, Constructors and Destructors, Creating and Using Namespaces.



Unit V ADO

10 h

ADO.Net, ADO.Net data namespaces, ADO.Net Object Model, Accessing data from Server Explorer, Creating Connection, Command, Data Adapter, Data Reader and Data Set with OLEDB and SQLDB, Data Binding.

Text Books

- 1 Jeffrey R. Shappiro ,2017, “Visual Basic(R).Net: The Complete Reference” , 1st edition, Mc Graw Hill Education.
- 2 Lars Powers, Mike Snell, 2016, “Mastering Microsoft Visual Studio 2015”, First Edition, BPB Publications.

References

- 1 KogentLearningSolutions.,2010, “Visual Basic 2010 Programming”, 1stEdition, Wiley India Publications.
- 2 MichaelHalvorson.,2010, “VisualBasic2010StepByStep”, PHI, New Delhi.
- 3 Christy.V.,2015, “Programming in VB.Net” , Kindle Edition, Laxmi Publication Pvt. Ltd.
- 4 Matt J Crouch., 2009), “ASP.Net & VB.Net Web programming “, Third Edition, Pearson Education., New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A4CB	BUSINESS COMMUNICATION	CORE	3	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To understand the concept, process and importance of communication.
- To enhance student knowledge and understanding of the role communications in corporations, government bodies and other institutions.
- To comprehend the concept of group discussion and resume writing.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Using persuasive and professional language in speech and writing	K1
CO2	Communicate the process and findings in a range of business documents and oral presentations.	K3
CO3	Acquire good business writing skills, to produce effective communications documents.	K2
CO4	Demonstrate advanced interpersonal communication, business etiquette and relationship building skills	K3
CO5	Planning for career progression purposes in writing Curriculum vitae and preparing for interview.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	L	S	S
CO2	M	S	L	S	M
CO3	S	S	L	S	M
CO4	S	S	L	S	M
CO5	M	S	M	S	M

S Strong

M Medium

L Low



195CI1A4CB	BUSINESS COMMUNICATION	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 36 h

Syllabus

Unit I Nature and Process of Communication 8 h

Definition – Classification – Purpose – Process – Elements – General Problems – Common Problems in Two-Way Communication – Barriers to Communication – Conditions and Characteristics for Successful communication – Universal Elements in Communication. Written Business Communication: The Art of Writing – Importance of Skills in Written Communication – Clarity in Writing – Principles of Effective Writing.

Unit II Oral Communication 7 h

Oral Communication Skills – Application of Conversation Control. Non-Verbal Communication: Meaning – Characteristics – Classification – Advantages – Guidelines. Negotiation Skills: Meaning – Nature – Need – Factors Affecting – Process – Strategies.

Unit III Drafting of business letters 7 h

Enquiries and replies – Placing and fulfilling orders – Complaints and follow-up – Sales letters – Circular letters – Report writing – Notices, Agenda and Minutes of the Meetings.

Unit IV Communication skill 7 h

Body Language, Gestures, Postures, Facial Expressions, Dress codes. The Cross Cultural Dimensions of Business Communication. Listening & Speaking, techniques of eliciting response, probing questions, Observation. Business and social etiquettes.

Unit V Writing CVs, Group Discussions and Attending Interviews 7 h

Preparing for Job- Importance of Resume and Covering Letter – Writing a Resume- Essentials of Drafting Effective Resume- Interview- Types of Interviews.



Text Books

- 1 Rajendra Pal., and Korlhalli, J.S. ,2002, “Essentials of Business Communication” , Sultan Chand & Sons, New Delhi.
- 2 Ramesh, MS., and Pattanshetti, C.C ,2003, “Business Communication” ,R.Chand & Co, New Delhi.

References

- 1 Sinha, K.K , 1999, “Business Communication”, Galgotia Publishing Company, New Delhi.
- 2 Asha Kaul., 2010, “Effective Business Communication”, Prentice Hall of India Private Limited, New Delhi.
- 3 Asha kaul., 2011, “Business Communication” , Second Edition, Prentice Hall of India Private Limited , New Delhi.
- 4 P.D Chaturvedi ,Mukesh Chaturvedi , 2015, “Business Communication Skills, Concepts And Application” ,Pearson India Education service Pvt.Ltd, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A4CC	DATA BASE MANAGEMENT SYSTEM	CORE	4	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- To acquaint practical knowledge about creating and manipulating data in database
- To enable the students to understand the concept of transaction and normalization in database
- To enable the students to understand the Project using object oriented diagram

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 Database and its Administration	K2
CO2	Learn the fundamentals of SQL and its working environment	K3
CO3	Illustrate the concepts of Relational Algebra and Calculus	K2
CO4	Applying the concept offer ER model and Normalization in DBMS	K2
CO5	Explain the concepts of Transaction	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A4CC	DATA BASE MANAGEMENT SYSTEM	SEMESTER IV
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I An overview of database Management 10 h

Introduction – Definition of Database System –View of Data – Data Abstraction – Data Independence – Data Model – Database System Architecture – Three levels of the Architecture – Database Administrator – Client Server Architecture – Distributed Processing.

Unit II Relational Database 10 h

Introduction – Relational Model –Optimization – Transactions – SQL: DDL – DML – DCL – TCL – Domains, Relations and Base Relvars.

Unit III Relational Algebra 9 h

Introduction – Fundamental operations – Additional Operators –Relational Calculus – Introduction – Tuple Calculus – Domain Calculus – Calculus Vs Algebra.

Unit IV Entity Relationship Model: 10 h

Basic Concepts, E-R Diagrams-Entity, Attributes, Relationship, Weak entity set, Generalization, Specialization, Aggregation. Functional Dependencies – Introduction – Basic Definitions – Normalization – First, Second, Third Normal Forms – BOYCE/CODD Normal Form.

Unit V Transaction Management 9 h

Introduction – Transaction State – Transaction Recovery – Concurrency Control – Serializability – Backup & Recovery – Security and Privacy



Text Books

- 1 Date, C.J , 2014, "AN Introduction to Database Systems" ,Eighth Edition, Pearson Education.Inc.
- 2 Abraham Silberschatz., Henry F.Korth., S.Sudharsan , 2011 , "Database System Concepts" ,Sixth Edition, Mc-Graw-Hill, New York.

References

- 1 Alexis Leon, Mathews Leon, 2011,"Fundamentals of Database Management System", McGraw – Hill Education Pvt. Ltd, India.
- 2 Elmasri, Navath, 2013,"Fundamentals of Database Systems", Third Edition, Pearson Education Asia.
- 3 Atul Kahate., 2012, "Introduction to Data Base Management System" Tenth Edition, Pearson Education, New Delhi.
- 4 Panneerselvam., 2011,"Data Base Management System" First Edition, PHI Learning Pvt. Ltd., New Delhi.



195CI1A4CP	CORE PRACTICAL: VB.NET AND DBMS	SEMESTER IV
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Total Credits: 2

Total Instructions Hours: 4 h

S.No

List of Experiments

- 1 Develop a VB.Net application using the File and Directory controls to implement a common dialog box.
- 2 Designing a form to calculate capital budgeting technique by declaring finance function and variable declaration using option button (Radio button).
- 3 Designing a form to compute cost of capital using finance function using check box.
- 4 Designing a form to perform working capital analysis by declaring finance function using grid control.
- 5 Develop a VB.Net application using Data grid to display records.
- 6 Design a form to present product details like purchases, sales, profit, etc by declaring array, functions and present the details in a rich text box (RTF).
- 7 Design a VB.Net application using Multiple Document Interface (MDI).
- 8 Develop a VB.Net application to implement the loop control statements.
- 9 Develop a VB.Net application to implement the Constructor in a class.
- 10 Designing a supermarket bill by connecting a database using OleDb Connection.
- 11 Designing a Pay Slip for an organization by connecting a database using sql Connection.
- 12 Designing the form to create a bank customer database.

Note: 10 Programs out of 12 programs are to be done



Course Code	Course Name	Category	L	T	P	Credit
196BM1A4IA	BUSINESS ORGANISATION AND OFFICE MANAGEMENT	IDC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- To enable the students to understand the various forms of business organization
- To familiarize the students about various sources of finance
- To give an idea about proper filing and indexing of office documents

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Ability to understand the different forms of business organization.	K2
CO2	Understand the importance of location of business	K2
CO3	Acquire knowledge on various sources of finance for different capital requirement of business	K3
CO4	Understand the office functions and its significance on office management and preparation of office documents.	K2
CO5	Understand about conduct meetings and preparation of reports	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong M Medium L Low



196BM1A4IA	BUSINESS ORGANISATION AND OFFICE MANAGEMENT	SEMESTER IV
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Nature of Business and Organization 10 h

Nature and scope of Business, Forms of Business Organization -Sole Trader, Partnership firms, Differences between Sole Proprietorship and Partnership. Joint Stock Companies and Co-operative Societies - Distinction between Partnership and Joint Stock Company. Public Enterprise.

Unit II Location of Business 10h

Location of business - Factors influencing location - Localization of Industries - Balanced Regional Development - Objectives -causes of regional imbalances Scale of business operation - Size of a business Unit - large scale and small scale units - its merits and demerits

Unit III Sources of Finance 10h

Sources and requirement of finance - Factors determining the requirement of fixed capital and working capital- Sources of Finance- Shares, Debentures, Public Deposits, Ploughing Back of Profits, Bank Credit and Trade Credit-Relative merits and demerits.

Unit IV Office Management and Documents 10h

Office Management- Meaning, functions and importance of office management; Office Correspondence: Meaning, Types: Memos, Business Letters, Notice of Meetings, Minutes of Meetings, Reports, Circulars. Mail- Incoming Mail- Outgoing Mail- Procedures for Handling Incoming and Outgoing Mail.

Unit V Meetings 8h

Definition-Purpose-Types-Procedure For Conducting A Meeting- Meeting Terminologies -Roles of the Chairman/Secretary- Writing The Minutes, Report Writing: Meaning- Types-Parts of a Report- Importance of report writing



Text Books

- 1 Sharma.K & Shashi. K. Gupta. 2017. Business Organisation and Office Management. [Revised Edition 2017] Kalyani Publishers, New Delhi.
- 2 Gupta.C.B. 2019. Business Organisation and Management [17th Edition]. Sultan Chand & sons, New Delhi.

References

- 1 Bhushan. Y.K. Fundamentals of Business Organisation and Management. 2017. [21st Edition] – Sultan Chand & sons, New Delhi.
- 2 Sherleker.S.A and Sherlekar.V.S. 2019. Modern Business Organisation and Management [4th Edition]. S.Chand & Company Ltd, Delhi.
- 3 Chhabra.T.N. 2019. Organisation and Management [2019 Edition]. Sun India Publications, Delhi.
- 4 Chopra.R.K. and Priyanka Gauri. 2017. Office Management [17th Edition]. Himalaya Publishing House, New Delhi.



195CI1A4GA	STOCK MARKET PRACTICES	SEMESTER IV
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Capital Market 4 h

Meaning - Need and importance -Structure of Capital Market - Primary and Secondary market.

Unit II New Issue Market 5 h

Functions of NIM- Methods of Issue- Initial Public Offerings- Advantages and disadvantages of IPOs.

Unit III Stock Market Functions 4 h

Stock Market – Functions of Stock Exchanges.

Unit IV Online Stock Market 6 h

OTCEI – NSE – Listing of Securities–Procedures, Advantages of Listing – Screen Based Trading – Demat Accounts – Mechanics of Trading in Stock Exchanges.

Unit V Stock Brokers 5 h

Registration of Stock Brokers – Role of Merchant bankers – Kinds of Brokers, Speculation and Gambling.



Text Books

- 1 V.A. Avadhani.,2013," Indian Capital Market", Himalaya Publishing House.
- 2 E. Gordon and K.Natarajan.,2016, "Financial Market and Institutions", Himalaya Publishing House

References

- 1 Madura, 2014, "Financial Institutions and Markets", 10th Edition, Cengage Learning.
- 2 P.N.Varshney, 2015,"Indian Financial System", Sultan Chand & Sons. New Delhi.
- 3 Anthony Saunders and Marcia Million Cornett ,2007 , "Financial Markets and Institutions", Third Edition, The McGraw Hill Companies, New Delhi.
- 4 CLIFFORD GOMZ ,2008 , "Financial Markets, Institutions and Financial Services" , Second Edition, PHI Learning (P) Ltd., New Delhi.



191TL1A4AA	பகுதி - 4 : அடிப்படைத்தமிழ் - தாள் : II (Basic Tamil)	SEMESTER IV
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Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2019-20ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது
(10 மற்றும் 12 – ஆம் வகுப்பு வரை தமிழ் மொழிப்பாடம் பயிலாதவர்களுக்கு)
(பருவத் தேர்வு உண்டு)

அலகு : 1

12 h

நீதி நூல்கள்

- I.ஆத்திசூடி - “அறம் செய விரும்பு” முதல் “ஒளவியம் பேசேல்”வரை -12 பாடல்கள்
II.கொன்றைவேந்தன் - “அன்னையும் பிதாவும் முன்னறி தெய்வம்” முதல்
“எண்ணும் எழுத்தும் கண் எனத் தகும்” வரை -7 பாடல்கள்

III.திருக்குறள் - 6 பாடல்கள்

1. அகர முதல1
2. மனத்துக் கண்.....34
3. இனிய உளவாக100
4. தீயவை தீய பயத்தலான்.....202
5. கற்க கசடற391
6. கண்ணொடு கண்ணினை.....1100

அலகு : 2

12 h

I. எளிய நீதிக்கதைகளும் வாழ்க்கை முறைகளும்

1. நீதிகாத்த மன்னன்
2. சிங்கமும் முயலும்
3. புத்திசாலி உழவனும் போக்கிரிப் பூதமும்
4. தேனீயும் புறாவும்
5. முயல் கூறிய தீர்ப்பு

II. தமிழகப் பண்பாடுகள்

1. தமிழர் விழாக்கள் - பொங்கல், ஆடிப்பெருக்கு
2. தமிழர் கலைகள் - தெருக்கூத்து, ஓவியம், சிற்பம்
3. தமிழர் விளையாட்டுகள்- ஏறுதழுவுதல், சடுகுடு



III . பயிற்சிப் பகுதி

1. படத்திற்கு ஏற்ற சொற்களை எழுதுதல்.
2. சொற்களைத் தொடராக்குதல்.
3. பொருத்துதல்,
4. உரையாடல் பகுதி

Note: பயிற்சிப் பகுதியில் வினாக்கள் அமைத்தல் கூடாது

வினாத்தாள் அமைப்பு முறை - மொத்த மதிப்பெண்கள் - 100

பகுதி - அ

சரியான விடையைத் தேர்வு செய்தல் 10x2=20

பகுதி - ஆ

சரியா? தவறா? தேர்ந்தெடுத்து எழுதுக . 10x2=20

பகுதி - இ

ஒரு பக்க அளவில் விடையளிக்க 03x20=60

குறிப்பு:

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

Text Books

- 1 அடிப்படைத்தமிழ் - 20-21. தொகுப்பு : தமிழ்த்துறை , டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, நியூ செஞ்சுரி புக ஹவுஸ்(பி)லிட். சென்னை-600 098

References

- 1 ஒன்றாம் வகுப்பு பாடநூல் - தமிழ்நாடு அரசு பாடநூல் கழகம்
- 2 வலைதள முகவரி : <http://tamilvu.org>



191TL1A4AB	பகுதி - 4 : சிறப்புத்தமிழ் - தாள் : II (Advanced Tamil)	SEMESTER - IV
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Total Credits: 2

Total Instruction Hours: 24 h

இளங்கலை 2019- 2020 ஆம் கல்வியாண்டு முதல் சேர்வோர்க்குரியது
(10 மற்றும் 12 - ஆம் வகுப்புகளில் தமிழ் மொழிப்பாடம் பயின்றவர்களுக்கு உரியது
(பருவத் தேர்வு உண்டு)

அலகு - 1

05 h

திருக்குறள்

I அறத்துப்பால்

1. இனியவை கூறல் - அதிகார எண் : 10
2. அடக்கமுடைமை - அதிகார எண் : 13

II பொருட்பால்

1. கல்வி - அதிகார எண் : 40
2. உழவு - அதிகார எண் : 104

III இன்பத்துப்பால்

1. தகையணங்குறுத்தல் - அதிகார எண் : 109
2. பிரிவாற்றாமை - அதிகார எண் : 116

அலகு - 2

05 h

கட்டுரைத் தொகுப்பு

I நல்வாழ்வு - டாக்டர் மு.வரதராசன்

1. நம்பிக்கை
2. புலனடக்கம்
3. பண்பாடு

II இளைஞர்களின் ஒளிமயமான எதிர்காலத்திற்கு - கு.வெ. பாலசுப்பிரமணியம்

1. காலக்கணக்கு
2. நற்பழக்கமே செல்வம்

அலகு - 3

05 h

I காப்பியங்கள் - குறிப்பு எழுதுதல்

1. சிலப்பதிகாரம்
2. மணிமேகலை
3. கம்பராமாயணம்
4. பெரியபுராணம்



II ஊடகம் - காட்சி ஊடகங்கள்

1. தொலைக்காட்சி
2. திரைப்படம்
3. இணையம்
4. முகநூல்
5. கீச்சகம்
6. கட்செவி அஞ்சல்

அலகு - 4

05 h

இலக்கணம் - வழக்கறிதல்

1. இயல்பு வழக்கு
2. தகுதி வழக்கு

அலகு - 5

04 h

I படைப்பாற்றல் பகுதி

கவிதை,கட்டுரை எழுதச்செய்தல் - பொதுத் தலைப்பு

II பயிற்சிப் பகுதி

தமிழில் தட்டச்சு செய்தல் - யூனிகோடு எழுத்துருவில்.

Note: பயிற்சிப் பகுதியில் வினாக்கள் அமைத்தல் கூடாது

வினாத்தாள் அமைப்பு முறை - மொத்த மதிப்பெண்கள் - 100

பகுதி -அ

சரியான விடையைத் தேர்வு செய்தல்

10x2=20

பகுதி -ஆ

கோடிட்ட இடங்களை நிரப்புக

10x2=20

பகுதி -இ

இரண்டு பக்க அளவில் விடையளிக்க

4x15=60

குறிப்பு :

- அனைத்து அலகுகளில் இருந்தும் இரண்டு வினாக்கள் அமைதல் வேண்டும்
- பகுதி இ -க்கான வினாக்கள் இது அல்லது அது என்ற வகையில் அந்தந்த அலகுகளிலிருந்து அமைதல் வேண்டும்.



Text Books

- 1 சிறப்புத்தமிழ் 20-21. தொகுப்பு : தமிழ்த் துறை , டாக்டர் என்.ஜி.பி. கலை அறிவியல் கல்லூரி, நியூ செஞ்சுரி புக் ஹவுஸ்(பி) லிட். 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 வலைதள முகவரி : <http://tamilvu.org>



192PY1A4AA	AECC : GENERAL AWARENESS	SEMESTER IV
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Total Credits: 2
Total Instructions Hours: 24 h

S.No	Contents
1	Current Events
2	General Science
3	Geography of India
4	Tamil and Other Literature
5	Inventions and Discoveries
6	Numerical and Mental Aptitude
7	Verbal and Non Verbal Reasoning
8	Socio- Culture and Heritage of India
9	Indian Economy and Political System
10	History of India and Freedom Struggle

References

- 1 Majid Hussain, Arora N D, 2019, "General Studies -TNPSC Group -I ", G.K.Publications (P) Ltd. New Delhi
- 2 Aggarwal R S, 2014, "Verbal and Non Verbal Reasoning" S Chand & Company, New Delhi
- 3 Competition Success Review, Competitive Success Publisher, New Delhi
- 4 Pratiyogita Darpan, Pratiyogita Darpan Publishers, Agra.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A5CA	CORPORATE ACCOUNTING	CORE	5	1	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the knowledge about capital structure and final accounts of the company.
- about amalgamation and absorption procedures.
- the various concepts and techniques for valuation of shares and goodwill.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	List out the types of shares and what basis to issue Shares	K1
CO2	Outline the redemption of preference and debentures	K2
CO3	Explain the procedure and standards of final accounts as per revised schedule to measure performance of business.	K2
CO4	Explain the corporate practice in amalgamation , absorption and reconstruction of companies	K3
CO5	Apply different methods to find out value of goodwill and value of share.	K4

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	L	M	S
CO2	M	S	L	M	M
CO3	S	S	L	S	S
CO4	S	S	L	M	M
CO5	S	S	L	S	M

S Strong

M Medium

L Low



195CI1A5CA	CORPORATE ACCOUNTING	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Shares 12 h

Introduction - Types of shares - Issue of Shares at par, Premium and at Discount - Forfeiture and Reissue of Shares-Rights issue -Underwriting of Issue of Shares

Unit II Redemption of shares and debentures 15 h

Redemption of Preference Shares - Debentures -Issue and Redemption of Debentures -Redemption out of profits -Sinking fund method/Recording of transactions

Unit III Final Accounts 15 h

Final Accounts of Companies (New Format) -Preparation of Final Accounts - Provisions relating to preparation of final accounts -Profit and loss account and balance sheet Calculation of Managerial remuneration

Unit IV Amalgamation, Absorption and Reconstruction 15 h

Amalgamation: types of amalgamation- preparation of balance sheet after amalgamation (excluding intercompany holdings). Absorption - Internal and External reconstruction.

Unit V Valuation of Goodwill and Shares 15 h

Valuation of Goodwill and Shares - Need - Methods of valuation of Good will and Shares - Normal Profit Method, Super Profits Method, Capitalization Method, Valuation of shares - Need for Valuation - Methods of Valuation - Net assets method- Yield basis method-Fair value method

Note:80% Problem 20% Theory



Text Books

- 1 Reddy.T.S& Murthy.A.,2013, Corporate Accounting, Margham Publications,Chennai.
- 2 Jain S.P. &Narang. K.L, Vol.-II, 2014, Advanced Accounting. Kalyani Publications, New Delhi

References

- 1 Gupta R.L. & Radhaswamy M. 2018. Corporate Accounts, Sultan Chand & Co., New Delhi.
- 2 Dr.Arulanandam M. A, Dr. Raman K.S., (2015). Advanced Accountancy, Part-I, Himalaya Publications, New Delhi.
- 3 .N. Maheshwari, Suneel K Maheshwari and Sharad K Maheshwari,(2018). Corporate Accounting, Sixth Edition, Vikas Publishing House, New Delhi.
- 4 Dr. Ashok Sehgal., (2012). Fundamentals of Corporate Accounting, Third Edition, Taxmann Publications Private Limited, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195PA1A5CC	INCOME TAX LAW AND PRACTICE	CORE	4	2	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the basic concepts of Income Tax Act 1961
- the provisions related to income from salaries, income from house property and capital gains
- the computation of income from other sources and set off and carry forward of losses

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Define the basic concepts of Income Tax Act 1961 and find the residential status of all assesses.	K1
CO2	Outline the provisions of computation of Salaries and determination of Annual value of house property.	K2
CO3	Apply the provisions related to Profits and Gains of Business or Profession.	K3
CO4	Analyse the computation of Capital Gain, Exempted Capital Gain and Deductions from Gross Total Income.	K4
CO5	Obtain knowledge about Income from other sources, Set off and Carry forward of losses.	K5

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195PA1A5CC	INCOME TAX LAW AND PRACTICE	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

Unit I Income Tax Act 12 h

Income Tax Act 1961- Definition of Income - Assessment year - Previous Year - Assessee - Scope of Income - Charge of Tax - Residential Status - Exempted Income u/s 10.

Unit II Income from Salaries and Income from House Property 15 h

Heads of Income- Income from Salaries: Definition- characteristics - computation of salary - Provident fund - Allowances - perquisites -Profit in lieu of salary - Deduction under section 16.

Income from House Property: Definition - Exempted Income from House property - Annual value - let out - self occupied - Deduction out of Net annual value.

Unit III Profit and Gains of Business or Profession 15 h

Profit and Gains of Business or Profession: Definition - allowable expenses - Disallowed expenses - Depreciation -Rates of depreciation - Computation of business income -Professional Receipts -Professional Expenses - Computation of professional income.

Unit IV Capital Gains 15 h

Capital Gains: Capital assets - Basis of charge - Transfer of capital assets - Computation of Capital gain - Cost of acquisition - Exempted Capital gain u/s 10(36) to 10(40) and u/s 54 to 54G .

Deductions from Gross Total Income: Deduction u/s 80C to GGA, 80IA to 80U.

Unit V Income from Other Sources and Set off and Carry forward of losses 15 h

Income from Other Sources: General Income u/s 56 (1) - Specific Income u/s 56 (2) -Deductions u/s 57 - Expenses disallowed u/s 58.

Set off and Carry forward of losses - Speculation loss - Capital losses - Carry forward of losses. Computation of Tax liability - Relief and Rebates - Assessment of Individuals.

Note:60% Problem 40% Theory



Text Books

- 1 Gaur and Narang, 2021-2022. "Income Tax Law and Practice" Kalyani Publishers, New Delhi.
- 2 Mehrotra H.C, 2021-2022. "Income-tax Law and Accounts" Sahithya Bhavan publishers, New Delhi

References

- 1 Hariharan .N, 2021-2022. Income Tax Law and Practice, Tata McGraw Hill Education Private Limited, New Delhi.
- 2 Reddy. T.S and Hariprasad Reddy A.Y, 2021-2022. Income Tax Theory, Law and Practice, Margham Publications, Chennai.
- 3 Dr.Vinod K. Singhanian A.Y, 2021-2022 & 2022-23. Direct Taxes Ready Reckoner, Taxmann Publications (P) Ltd. New Delhi.
- 4 M.Jeevarathinam and Vijay Vishnu kumar, 2021-2022. Income tax law and practice, SciTech publication (INDIA) Pvt. Ltd, Chennai.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A5CB	ENTREPRENEURIAL DEVELOPMENT	CORE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the basic concepts of entrepreneurship and acquire knowledge about the financial institutions.
- the functions of different financial institutions.
- the institutional support given by NBFC's and subsidies given by the government to develop MSME.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understanding the dynamic role of entrepreneurship and small businesses.	K1
CO2	Prepare project setup planning and project report	K3
CO3	Familiarize with the institutional services provided by different institutions to the entrepreneur	K2
CO4	Select appropriate agencies for technical and financial support.	K3
CO5	Develop the ability to select potential areas for self-employment and to give necessary inputs for the creation of the new ventures by accounting legal and tax considerations.	K3



MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	L	S	L
CO2	M	S	L	S	M
CO3	S	S	L	S	M
CO4	S	S	L	S	M
CO5	M	S	M	S	S

S Strong

M Medium

L Low



195CI1A5CB	ENTREPRENEURIAL DEVELOPMENT	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Entrepreneurship 10 h

Definition Nature and characteristics of entrepreneurship –function and type of entrepreneurship phases of EDP. Development of women entrepreneur & rural entrepreneur – including self employment of women council scheme.

Unit II The start-up process 10 h

Project identification – selection of the product – project formulation evaluation – feasibility analysis, Project Report.

Unit III Non Banking Financial Companies 10 h

Institutional service to entrepreneur - DIC, SIDO, NSIC, MSME, SSIC, SIDCO – ITCOT, IIC, KUIC and commercial bank.

Unit IV Institutional finance to MSME 10 h

IFCI, SFC, ICICI, THIC, SIDCS, LIC and GIC, SIPCOT – SIDBI commercial bank venture capital.

Unit V Incentives and subsidies 8 h

Subsidized services – subsidy for market. Transport – seed capital assistance - Taxation benefit to SSI role of entrepreneur in export promotion and import substitution.



Text Books

- 1 Gupta, C.B., and Srinivasan, N.P. (2014). Entrepreneurial Development. Text and Cases: Sultan Chand & Sons, New Delhi.
- 2 Renu Arora., and Sood., S.K. (2010). Fundamentals of Entrepreneurship and Small Business. Kalyani Publishers, New Delhi.

References

- 1 Bevvu Murthy. (1989). Entrepreneurship in Small Towns. Mittal Publications, New Delhi
- 2 Saravanavel, P. Entrepreneurial Development. Learn tech Press Trichy.
- 3 Dr.S.S.Khanka.,(2012)Entrepreneurial Development, S.Chand & company Ltd, New Delhi
- 4 Sangeetha Sharma (2016) First Edition, Entrepreneurship Development, PHI Learning Private Ltd, New Delhi



Course Code	Course Name	Category	L	T	P	Credit
195CI1A5CC	PRINCIPLES OF WEB DESIGNING	CORE	4	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- the working of Internet, uses of search engines and procedure to develop a webpage.
- the various concepts and techniques of Javascript and Control structure
- the concepts of Internet and design a Webpage.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the fundamentals of HTML	K2
CO2	Explain the concepts of Style Sheet and CSS	K2
CO3	Illustrate the control structures and functions of javascript	K3
CO4	Interpret the debugging tools and document object model	K3
CO5	Creation and publishing of websites	K4

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A5CC	PRINCIPLES OF WEB DESIGNING	SEMESTER V
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I HTML 12 h

Basic structure – Traditional Text Format – Using forms – Tables –Frames and Framesets – image with HTML – Creation of Lists and Quotations –URL and Linking.

Unit II Style Sheets 10 h

Introduction – CSS Selectors – Ways to Insert CSS – CSS Properties –XML: Introduction to XML, XML Document – XML Document Type Definitions

Unit III Java Script 10 h

Introduction to Java Scripting, Why JavaScript – JavaScript Expression and Operator –Datatypes –Control Structures-Functions : Definition – Scope- Rules . Arrays: Declaring arrays – Passing arrays to functions – Sorting arrays.Object: Math Object – String Object – Date Object – Boolean Object and NumberObject.

Unit IV External JavaScript Files 8 h

External JavaScript Files ,Debugging Tools and Techniques , Document Object Model (DOM) , Objects , Properties , Methods ,Mouse events , Animating Menus ,Forms, Form Fields, and Validation.Java Script.-Web Database Tools, ORACLE & MS-ACCESS Database tools.

Unit V Creating the Web Site 8 h

Creating the Site, Saving the site, working on the web site, Creating web site structure, Creating Titles for web pages, Themes-Publishing web sites.



Text Books

- 1 Eric Ladd and Jim O' Donell (2014) "Using HTML 4,XML & JAVA"Platinum Edition, Asoke K.Ghosh, Prentice - Hall of India PrivateLimited, NewDelhi.
- 2 Raymond Greenlaw, Ellen Hepp , Fundamentals of the INTERNET and the World Wide Web, Second Edition , Tata McGRAW –HillEdition,2013

References

- 1 Deitel,H.M and Neito T.R.(2013),"Internet & World Wide Web How to Program" Second Edition, Published by Prentice Hall of India private Ltd,NewDelhi.
- 2 Xavier, C. (2010),"World wide Web Design with HTML", 19th edition published by Tata McGraw – Hill Publishing Company Limited, New Delhi.
- 3 Deitel.,Nieto.,Lin.,Sadhu.(2011)"XML How to Program", Published by PearsonEducation.
- 4 Shay Howe. (2014). Learn to code HTML & CSS: Develop and Style Websites. Tata McGraw-Hill Edition Pvt. Ltd., NewDelhi.



195CI1A5CP	CORE PRACTICAL : WEB DESIGNING	SEMESTER V
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	Creating web pages for a business organization using HTML Frames with animation.
2	Creating a Program using HTML to display Image and the text using HTML ordered list and unordered list of a Departmental Store.
3	Writing the Java script to illustrate different in-built string functions
4	Writing the Java script to perform all arithmetic operation
5	Creating a table to display list of products using HTML tag.
6	Creating a document using Formatting and alignment to display Sales Letter.
7	Creating a Resume using HTML Tags.
8	Creating a website of your department with minimum five links using HTML.
9	Creating a document using Form to support Local Processing of Order form.
10	Creating a Form of the Customer Survey for the user to enter General name and address information.
11	Creating a Frame to display a multiform document.
12	Creating an HTML program to design an entry form of student details and send it to store at database server like SQL, Oracle or MS Access.

Note: Any 10 programs have been done



Course Code	Course Name	Category	L	T	P	Credit
195CI1A5DA	E-COMMERCE	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the concepts and various application issues of e-Commerce.
- the knowledge towards the security over internet for e-Commerce.
- the concept of Electronic Payment Systems

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 E Commerce.	K2
CO2	Explain the concepts of E Commerce EDI	K2
CO3	Understand the Security of Network and Privacy	K3
CO4	Apply the knowledge of Electronic Payment System	K4
CO5	Understand the concepts of Internet to Business.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	L	M	S	L	S
CO2	M	M	M	S	M
CO3	L	L	S	S	S
CO4	M	S	M	M	S
CO5	M	S	S	S	M

S Strong

M Medium

L Low



195CI1A5DA	E-COMMERCE	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I E-Commerce 12 h

Introduction- Classification of Electronic Commerce - Anatomy of E-Commerce Application -E-Commerce Framework - Advantage and Disadvantage of E-Commerce. E-Commerce Infrastructure: An overview - E-Commerce infrastructure components - Network Access Equipment - Internet Terminology.

Unit II Electronic Data Interchange 10 h

Meaning of EDI - Working concepts - Benefits - Legal, security and privacy issues- EDI Software Implementation - Value added networks - Workflow atomization and coordination -Customization and Internal Commerce.

Unit III Network Security and Firewall 10 h

Threats to E-Commerce-Security overview- Client server network security - Firewall and network security -Data and message security - Encryption, Cryptography, Public key and Private key- Encrypted documents and electronic mail- Hypertext publishing.

Unit IV Electronic Payment Systems 8 h

Types-Digital Token Based Electronic Payment System-Electronic Payment Methods: Credit Payment System - Mobile Payment- GPay - RuPay Cards - Risk - Electronic Fund Transfer.

Unit V E-Commerce Applications & Strategies 8 h

Business Models & Revenue Models over Internet, Emerging Trends in e-Commerce, e-Governance, Digital Commerce, Mobile Commerce - Strategies for Business over Web, Internet based Business Models.



Text Books

- 1 RaviKalakota and Andrew B.Minsfon(2013) ,"Frontiers of Electronic Commerce" Fourteenth Edition, Dorling Kindersley (India) Pvt Ltd.
- 2 Bhsraf Bhasker, 2009, Electronic Commerce 3rd Edition Tata Mc Graw Hill Publishing Co Ltd., New Delhi.

References

- 1 Joseph,P.T.(2010).E-Commerce an Indian Perspective.[3rdEdition]. Prentice-Hall of India Pvt. Ltd., New Delhi, India.
- 2 Schneider Gary. P., and Perry., James, T. (2005). Electronic Commerce [1st Edition]. Thomson Learning Press, NewDelhi.
- 3 Whitley., David. (2000). E-Commerce Strategy Technologies and Applications. Tata McGraw Hill, New Delhi,India.
- 4 Henry Chan., Raymond Lee., Tharam Dillon., Elizabeth Chang. (2001).E-Commerce, Fundamentals and Applications. John Wiley &Sons, NewDelhi.



Course Code	Course Name	Category	L	T	P	Credit
195FI1A5DA	PERSONAL FINANCE	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the opportunities inherent with good personal financial planning
- risks associated with poor personal financial planning
- to compare interests charges based on various types of borrowing

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	understand and recognize the importance of personal planning	K1
CO2	predict the financial environment	K2
CO3	manage personal tax efficiently	K3
CO4	manage the cash for future	K4
CO5	understand the role of credit and its impact in personal finance	K1

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195FI1A5DA	PERSONAL FINANCE	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Financial Planning 10 h

Meaning - Objectives - Importance of financial planning-Steps of financial planning-Role of Personal Finance/Loan-Types of personal finance/loan: Personal loan, Educational loan, Housing loan, Vehicle loan.

Unit II Financial Environment 8 h

Meaning - Importance - Financial system - Inflation Vs Interest Rates - Business cycle -- Income statement : Income Vs Expenses - Contribution to savings - EMIs - Level of EMI in Income

Unit III Tax Planning 10 h

Objectives of tax planning - Importance - Tax avoidance Vs Tax evasion - Tax exemptions - List of Deductions for individuals - Effective tax management - Personal Tax calculation for individuals

Unit IV Cash Management 10 h

Types of deposits -Comparing interest rates- Types of Financial institution - selecting a bank -Financial planning for future- Importance - Types of future financial planning: Insurance planning, Retirement plans. Children's education planning

Unit V Credit Management 10 h

Meaning - advantages and disadvantages of credit - Kinds of accounts - Issuers of credit card - Credit card management - Protection against credit card fraud-Resolving credit problems- Do's and Don'ts with card - Credit card Vs Debit Card



Text Books

- 1 Sinha, Madhu.2017 Financial Planning: A Ready Reckoner, McGraw Hill.Noida.
- 2 Jeff Madura, Mike Casey, Sherry J. Roberts,2014, Personal Financial Literacy, Pearson Education

References

- 1 Jack R. Kapoor, Les R. Dlabay and Robert J. Hughes, 2020. Personal Finance, Tata McGraw-Hill Publishing Company Ltd. New Delhi.
- 2 Arthur J Keown, 2019. Personal Finance (Eighth Edition), Pearson Education, New Delhi .
- 3 Callaghan George, 2019. Personal Finance (Eighth Edition), Macmillan Education, UK
- 4 Indian Institute of Banking & Finance.2017. Introduction to Financial Planning,Taxmann



Course Code	Course Name	Category	L	T	P	Credit
195AT1A5DA	CORPORATE GOVERNANCE AND BUSINESS ETHICS	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- Recognize the theory and practice of Corporate Governance.
- Identify the role of Board of directors and other stakeholders.
- Analyze the issues and problems of Corporate Governance in emerging economies.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	To know the concepts and fundamental principles of Corporate Governance.	K1
CO2	To understand the issues and challenges of Board committees.	K2
CO3	To identify the problems related with disclosure.	K1
CO4	To understand the motives of Corporate Social Responsibility.	K2
CO5	To apply the ethics in business decision making.	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	m	S	m	M
CO2	S	S	M	M	M
CO3	S	M	S	M	M
CO4	S	S	S	M	M
CO5	s	S	S	S	S
S	Strong	M	Medium	L	Low



195AT1A5DA	CORPORATE GOVERNANCE AND BUSINESS ETHICS	SEMESTER V
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Corporate Governance 10 h

Corporate Governance – Concepts – Nature – Fundamental Principles – Objectives – Significance – Factors Affecting the Quality of Corporate Governance –Issues & Challenges of Corporate Governance in India.

Unit II Board Structure 10 h

Board Structure – Forms of Board – Structural Issues in Board –Issues & Challenges of Board Committee – Need – Structure – Various Committees.

Unit III Disclosure 10 h

Disclosure – Concept – Reasons for disclosure – Scope – Financial & Non financial disclosure – Forms of disclosure – Problems in disclosure.

Unit IV Corporate Social Responsibility 10 h

Corporate Social Responsibility – Evolution – Concept – Nature – Theoretical Approach– Corporate Social Responsibility & Corporate Governance–Motives of Corporate Social Responsibility – Characteristics – Corporate Social Responsibility in India.

Unit V Business Ethics 8 h

Business Ethics – Nature – Characteristics – Scope – Significance – Stages in Ethical Development – Ethical Business Decision Making – Factors Affecting Ethical Business Decision Making.



Text Books

- 1 Bansal C. L., 2014, "Corporate Governance" 1st Edition, Excel Books Publications, New Delhi.
- 2 Abhishek Mithal, 2014, "Governance Business Ethics & Sustainability", 1st Edition, Pooja Law Publishing Co, New Delhi.

References

- 1 Dr. Aggarwal S. K. & Dr. Abha Aggarwal, 2013, "Governance Business Ethics & Sustainability" 2nd Edition, Reliance Publications Ltd, New Delhi.
- 2 Gopalsamy. N, 2012," Corporate Governance",1st Edition, New Age International Publishers,New Delhi.
- 3 Subhash Chandra Das, 2009, "Corporate Governance in India an Evaluation", 1st Edition, PHI Learning Private Limited, New Delhi.
- 4 ICFAI, 2004, "Business Ethics & Corporate Governance", 1st Edition, ICFAI University Press Hyderabad.



Course Code	Course Name	Category	L	T	P	Credit
192MT1A5AA	RESEARCH METHODOLOGY	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- the art of using different research methods and techniques
- planning and writing of research proposals and dissertations, as well as a thesis
- the necessity for research ethics and guidelines to pursue research

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	learn the basics of the research methods and techniques	K1
CO2	remember the hypothesis, laws related to research problem	K1
CO3	understand the limitations of experimentation in research	K2
CO4	illustrate the concept of interdisciplinary and multidisciplinary research	K3
CO5	analyze the ethics and responsibilities of research	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



192MT1A5AA	RESEARCH METHODOLOGY	SEMESTER V
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction to Research 4 h

Research: Introduction- Basic, Applied and Evaluation research – multidisciplinary and interdisciplinary Research – value of research skills – formulating a research problem – Research in relation to Teaching and Publishing

Unit II Hypotheses, Theories and Laws 6 h

Hypotheses – Theories – Laws. Scientific statements: their justification and acceptance: verification – Falsification – Acceptance – Peer review

Unit III Experimentation and research 5 h

The roles and limitations of experimentation – Experimentation and research – conducting experiments - validity and reliability in experimentation – Design of experiments

Unit IV Scientific method and Research Design 4 h

Introduction to Scientific method – Research Design - Components - research design and proposal - checklist in the preparation of proposals

Unit V Ethics and Responsibility in Scientific Research 5 h

Ethics – guidelines for Ethical practices in research - unethics to ethics in research - responsibility of Scientists and of Science as an Institution



Text Books

- 1 PerterPruzan, (2016), Research Methodology: The Aims, Practices and Ethics of Science. Springer, Switzerland

References

- 1 Thomas, C.G. (2015) Research Methodology and Scientific Writing. Ane Books Pvt. Ltd.: New Delhi.
- 2 Locharoenrat, K. (2017) Research Methodologies for Beginners. Pan Stanford Publishing: Singapore.
- 3 Ranjit Kumar, (2014) Research Methodology: A Step-by-Step Guide for Beginners. SAGE Publications Ltd.: Singapore.
- 4 Kothari, C.R. Garg, G. (2009) Research Methodology Methods and Techniques. New Age International Publishers, New Delhi..



Course Code	Course Name	Category	L	T	P	Credit
195CI1A6CA	FINANCIAL MANAGEMENT	CORE	4	-	-	3

PREAMBLE

This course has been designed for students to learn and understand

- Financial tools and techniques, this can be used to help firms maximize value by improving decisions relating to capital budgeting.
- Entrepreneurial skills in employees which ultimately lead to financial planning.
- The financial management education involves using management rules for the finances of an organization.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understanding financial management and its importance and its application in business.	K1
CO2	Analyze the time value of money and valuation of securities.	K3
CO3	Understand the costs of capital, including debt and Equity capital, using financial data.	K3
CO4	Analyze the significance and evils of excess working capital	K4
CO5	Analyze capital budgeting techniques and Dividend policies.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



Dr. NGPASC

COIMBATORE | INDIA

B.Com. (IT) (Students admitted during the A.Y.2020-21)

195CI1A6CA	FINANCIAL MANAGEMENT	SEMESTER VI
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Total Credits: 3

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Financial Management 10 h

Meaning of Finance – Business Finance – Finance Function – Aims of Finance Function – Organization structure of Finance Department - Financial Management – Goals of Financial Management – Financial Decisions – Role of a Financial Manager – Financial Planning – Steps in Financial Planning – Principles of Sound Financial Planning – Factors influencing a sound financial plan.

Unit II Time Value Of Money 10 h

Meaning& Definition – Need – Future Value (Single Flow – Uneven Flow & Annuity) – Present Value (Single Flow – Uneven Flow & Annuity) – Doubling Period – Concept of Valuation: Valuation of Bonds, Debentures and shares - Simple Problems.

Unit III Capital structure and Financing Decision 10 h

Meaning of Capital Structure – Factors influencing Capital Structure – Optimum Capital Structure – Computation & Analysis of EBIT, EBT, EPS – Leverages (Problems also).

Lease financing: Concept, types. Advantages and disadvantages of leasing. Cost of Capital, Capital structure – Factors influencing financial decisions – Theories of capital structure – capital gearing – Financial Leverage and Operating Leverage.

Unit IV Working Capital Management 10 h

Concept of Working Capital – Significance of Adequate Working Capital – Evils of Excess or Inadequate Working Capital – Determinants of Working Capital – Sources of Working Capital (Problems also).

Unit V Investment & Dividend Decision 8 h

Investment Decision: Meaning and Definition of Capital Budgeting – Features – Significance – Process – Techniques: Payback Period, Accounting Rate of Return, Net Present Value, Internal Rate of Return and profitability index (Problems also). Dividend Decision: Introduction – Meaning and Definition – Determinants of Dividend Policy – Types of Dividends – Bonus share.

Note: 80% Theory 20% Problem



Text Books

- 1 Shashi K Gupta., Sharma, R.K, 2006, “Financial Management Theory & Practice”, Kalyani Publishers, New Delhi.
- 2 Maheshwari. S N, 2014, “Financial Management Principles and Practice”, 14th Edition, Sultan Chand Sons & Co, New Delhi.

References

- 1 Pandey. I.M, 2005, “Financial Management”, 9th Edition”, Vikas Publishing House Pvt. Ltd, New Delhi.
- 2 Prasanna Chandra, 2008, “Financial Management”, Tata McGraw-Hill Education.
- 3 I.M Pandey., 2015, “Financial Management”, Eleventh Edition, Vikas Publishing company (P) Ltd, New Delhi.
- 4 Prasanna Chandra, 2015, “Financial Management”, Nineth Edition, Mc Graw Hill Education, New Delhi.



195CI1A6CV	PROJECT WORK	SEMESTER VI
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Total Credits: 4

Total Instructional Hours 96 h

GUIDELINES:

1. A Guide has been allotted to each student by the department. Student can select any topic in discussion with the supervisor. Students should maintain a work diary where in weekly work carried out has to be written. Guide should review the work every week and put his/her signature. The work diary along with project report should be submitted at the time of viva voce.
2. CA Marks Distribution: A minimum of three reviews have to be done, one at the time finalizing the project title, second at framing questionnaire/identifying the primary data and the third review at the time of commencement of report writing. They should be asked to present the work done to the respective guide in the three reviews. The guide will give the marks for CIA as per the norms stated below:

First Review	10 Marks
Second Review	10 Marks
Third Review	10 Marks
Document, Preparation and Implementation	10 Marks
Total	40 Marks

3. End Semester Examination: The evaluation for the end semester examination should be as per the norms Given Below:

Record work and Presentation	40 Marks
Viva-Voce	20 Marks
Total	60 Marks

Note: (End Semester Examination marks jointly given by the external and internal examiner).



Course Code	Course Name	Category	L	T	P	Credit
195FI1A6DA	PUBLIC FINANCE	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- To provide the basic knowledge about the Public Finance
- To Learn about the different element related to public finance
- To gain the Knowledge about Deficit Financing

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Learn about the basic concept of Public finance	K1
CO2	Understand about the Public expenditure	K1
CO3	Understand about the Public finance sources	K1
CO4	Aware of major planning areas of Financial environment in Public finance	K2
CO5	Understand about the Deficit Financing	K1

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	S	M
CO2	M	M	M	M	M
CO3	M	M	M	M	M
CO4	M	M	S	M	M
CO5	N	S	M	M	M

S Strong

M Medium

L Low



195FI1A6DA	PUBLIC FINANCE	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Public Finance 10 h

Introduction -Evolution of public finance - State participation in economic life - Meaning- Scope- Importance- Difference between Public and Private Finance- Functions of public finance - Recent development in Public Finance

Unit II Public Expenditure 10 h

Meaning- Classification of Public Expenditure- Importance of Public expenditure - Role of Reserve Bank of India in Public Finance - Difference between public and private expenditure- reasons for increasing public expenditure - Expenditure of union government - Expenditure of state government- Public Expenditure - Security Services- Social Services - Development services- General problem of public expenditure.

Unit III Public Revenue 10 h

Meaning - Significance -Sources of public revenue - Tax revenue: Characteristics - Elements - Objectives - Non tax revenue: Commercial revenue - administrative revenue - Grants and gift - Other Income - Classification

Unit IV Financial Environment and Budget Management 9 h

Inflation- Interest rates- Business cycle-Planning Vs Forecasting. Budget Objectives- Monthly income and expenses plan- Contribution to savings.

Unit V Deficit Financing 9 h

Meaning - Need- Importance -objectives - Advantages and deficit Financing- Risk - Deficit Financing and National Debt- Deficit Financing in India



Text Books

- 1 Hajela T.N, 2015, “Public Finance”, Fifth Edition, ANE – Books, New Delhi.
- 2 Varshney J.C., 2015, “Public Finance”, First Edition, SBPD Publishing House, Agra. (Unit I – III).

References

- 1 Lekhi R.K. & Joginder Singh, 2015, “Public Finance”, Tenth Edition, Kalyani Publishers, New Delhi.
- 2 Maria John Kennedy. M., 2014, “Public Finance”, PHI Learning Private Limited, New Delhi.
- 3 Sundharam K.P.M & Andleg K.K, 1998, “Public Finance Theory and Practice's”, 15th Edition, S. Chand & Company Ltd, New Delhi.
- 4 Sarma J.V.M., 2018, “Public Finance: Principles and Practices”, First Edition, Oxford University Press, India



Course Code	Course Name	Category	L	T	P	Credit
195CI1A6DA	BANKING THEORY LAW AND PRACTICE	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the students to get through knowledge about Indian Banking System and the Acts pertaining to it.
- the students with the operations of Banking.
- about E-Banking services.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Demonstrate a comprehension of the principles of banking law and its relationship to banks and customers.	K2
CO2	Understand the functions of banks and different types of banks	K2
CO3	Familiarize the banking services	K3
CO4	Knowledge about duties of a banker	K2
CO5	Understand and the concept of E-Banking and its applications	K3

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	L	S	L
CO2	M	S	L	S	M
CO3	S	S	L	S	M
CO4	S	S	L	S	M
CO5	M	S	M	S	S

S Strong

M Medium

L Low



195CI1A6DA	BANKING THEORY LAW AND PRACTICE	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Indian Banking System 10 h

Origin of banks - Definition of Banking - Reserve Bank of India - Powers & Functions - Monetary Policy - Credit Control Measures - Functions of Reserve Bank of India - Financial Services offered by Banks - Relationships between banker and customer - Banking regulation Act 1949.

Unit II Types of Banks 10 h

Commercial banks - Origin and growth of commercial banks in India - Functions of Commercial Banks* - Changing role of Commercial Banks - Cooperative Banks - Regional Rural Banks - Agriculture and Rural Development Banks - Development Banks and NBFCs.

Unit III Banking Services 12 h

Opening of an account - Type of account - documents required for opening a new Accounts - Deposit - types of deposit - Fixed Deposit - RD - Withdrawal - Bank Pass book - KYC - Closing of account and its procedure. Types of Loans and Advances - Secured vs. Unsecured Advances - Advances against various Securities* - Priority Sector Lending - Non Performing Assets - Basel Norms I, II & III

Unit IV Cheques 8 h

Cheque - features essentials of valid cheque - crossing - making and endorsement - payment of cheques statutory protection duties to paying banker and collective banker - Refusal of payment cheques Duties holder & holder in due course.

Unit V E- Banking 8 h

E-Banking# - ATM - CDM - telephone /Mobile Banking - ECS- EFT - NEFT - RTGS - SWIFT - CORE banking - Cheque Truncation System Adequacy Norms - Small Finance Banks - Local Area Banks* - Payment Banks - India Post Banks - Financial Inclusion - PMJDY-Crypto currency - Block chain technology - Public Finance Management System - Services .

Note: *Self-learning activity - Forms Collection, Creation of models.

Case study



Text Books

- 1 Sundharam. K.P.M and Varshney P.N, 2015, "Banking Theory Law & Practice", Sultan Chand & Sons., New Delhi.
- 2 Kandasami. K.P., Natarajan, S., Parameswaran R, 2014, "Banking Law and Practice", S.Chand & Company Pvt. Ltd., New Delhi.

References

- 1 Gurusamy. S, 2009, "Banking Theory Law & Practice", Tata McGraw Hill Education Private Ltd., New Delhi.
- 2 Maheswari. S.N, 2011, "Banking Theory Law and Practice", Kalyani Publications, Mumbai.
- 3 Santhanam. B, 2012, "Banking Theory Law and Practice", Margam Publications.
- 4 Gupta. R. K, 2001, "Banking Law and Practice", Jain Book Agency, New Delhi.



Course Code	Course Name	Category	L	T	P	Credit
195AT1A6DA	COMPANY LAW	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- The Provisions related to prospectus and Memorandum of Association
- The concepts of different types of companies
- The procedures for conducting different types of meetings

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Know the kinds of companies and documents to be filed	K1
CO2	Understand the provisions related to Memorandum of Association and Prospectus.	K2
CO3	Aware of the contents in Prospectus and liabilities in case of misstatement	K3
CO4	Learn the procedures to conduct a meeting.	K3
CO5	Understand the provisions relating to appointment, qualifications, Powers and duties of Board of Directors and Company Secretary.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195AT1A6DA	COMPANY LAW	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Company 8 h

Definition & Features - Distinction between Company and Partnership -Kinds of Companies - Difference between Private and Public Company- Incorporation of a Company- Certificate of Incorporation - Online Incorporation of Company.

Unit II Memorandum of Association 10 h

Content-Alteration of Memorandum- Doctrine of Ultra Vires - Articles of Association- Content -Alteration of Articles - Difference between Memorandum of Association and Articles of Association -Doctrine of Constructive Notice & Indoor Management.

Unit III Prospectus 10 h

Contents - Shelf Prospectus- Red Herring Prospectus- Deemed Prospectus- Abridged Prospectus - Liabilities in case of Misstatement of Prospectus - Concept of Dematerialized Shares- Book Building.

Unit IV Company Meetings 10 h

Company Meetings - Kinds - Statutory Meeting, Annual General Meeting - Extraordinary General Meeting- Board Meeting - Resolutions, Minutes, Quorum and Proxy.

Unit V Company Management 10 h

Board of Directors - Appointment - Qualifications - Powers - Duties - Liabilities - Managing Director & Manager - Managerial Remuneration - Company Secretary - Appointment, Qualification, Powers and Duties.



Text Books

- 1 Kapoor N. D, 2014, Company Law: Sultan Chand & Sons, New Delhi
- 2 Ghosh.P. K. & V. Balachandran, 2000, Company Law and Practice: Sultan Chand & Sons, New Delhi

References

- 1 Kuchhal.M. C, 2012, Secretarial Practice: Vikas Publishing House Pvt. Ltd., New Delhi
- 2 Gupta. O. P, 2015, Company Law: SBPD Publications, Uttar Pradesh.
- 3 Avtar Singh, 1996, Company Law: Eastern Book Company, Lucknow.
- 4 Gogna.P.P.S, 2020, Company Law, Sultan Chand & Sons, New Delhi



Course Code	Course Name	Category	L	T	P	Credit
195FI1A6DB	PROJECT FINANCE	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- To provide the basic Fundamental about the project finance.
- Students would be quipped to appraise a project.
- Evaluation of Project Appraisal.
- Legal Aspects in Project Frame work.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Learn the concept of project finance	K1
CO2	Understand about the project appraisal	K1
CO3	Know about the debt capital	K1
CO4	Awareness on borrowings of foreign currency	K1
CO5	To know about the financial indicators	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	S	M
CO2	M	M	M	M	M
CO3	M	M	M	M	M
CO4	M	M	S	M	M
CO5	N	S	M	M	M

S Strong

M Medium

L Low



195FI1A6DB	PROJECT FINANCE	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Project Finance Overview and Fundamentals 10 h

Introduction -Meaning - Importance - Parties to a Project Financing - features - Advantages and disadvantages Project Financing - sources of project finance - Perquisites to a Project Financing- Project Financing Risks and Structuring

Unit II Project Appraisal 10 h

Meaning - methods -Process- Types -Term loans: Cash credit - Bank Over Draft - Bank Guaranties - purpose - evaluation. Sources of finance: venture capital - leasing - factoring- underwriting of shares and securities.

Unit III Legal Aspects in Project Finance 10 h

Introduction - Meaning - Project Agreements - Sub-Contracts- Other Related Agreements- Project Finance Loan Documentation- Contemporary Issues in Project Finance

Unit IV Borrowings in Foreign Currency 9 h

Meaning - Importance - Euro Convertible Bond (ECB) - Foreign Currency Convertible Bond (FCCB) - External Commercial Borrowings (ECB)

Unit V Financing of Projects 9 h

Meaning - Working Capital Finance for Projects- Project Finance Taxation and Incentives - Export Credit Agencies and Development Finance Institutions, Novel Meaning of Financing Projects



Text Books

- 1 Balaji C.D., 2017, "Project Management", First Edition, Margham Publications, Chennai.
- 2 Yescombe E. R., 2002, "Principles of Project Finance", First Edition, Elsevier Publishing Services, Chennai.

References

- 1 Nagarajan. K, 2016, "Project Management", Seventh Edition, New Age International Publishers, Chennai.
- 2 Machirajau. H.R, 1996, "Project Finance", First Edition, Vikash Publishing House, New Delhi
- 3 Padamalatha Suresh, 2004, "Project Finance – Concepts and Applications", 1st Edition, ICFAI University Press, Hyderabad.
- 4 Bhavesh. M. Patel, 2007, "Project Management", Vikas Publication.



Course Code	Course Name	Category	L	T	P	Credit
195CI1A6DB	RETAIL MANAGEMENT	DSE	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- the concept of retailing, the entities involved, and the impact of decisions on a retail business
- the deal with customers and understand their needs to sustain in the market.
- the non-store-retailing atmospheric principles to analyze current web retailers

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand different types of retailing business.	K1
CO2	Recognize the implication of Consumer Behaviour process in Retailing	K2
CO3	Explore the process of branding in retail segment	K3
CO4	Explore the concept of integrated marketing communications and retail promotions	K3
CO5	Discuss the role of Information technology in Retailing	K2

MAPPING WITH PROGRAMME OUTCOMES

COs/POs	PO1	PO2	PO3	PO4	PO5
CO1	M	M	S	M	M
CO2	M	M	M	M	M
CO3	L	L	M	M	M
CO4	M	L	M	S	M
CO5	M	M	M	S	M

S Strong

M Medium

L Low



195CI1A6DB	RETAIL MANAGEMENT	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Retailing 10 h

Meaning - Functions of Retailing - Types of Retailing - Functions - Characteristics and Type of Retailers - Forms of Retail Business - Theories of Retailing - Retail Life cycle - Factors affecting Indian Retail Industry - Present Indian Retail Scenario.

Unit II Consumer Behaviour in Retail Business 10 h

Consumer Behaviour - Meaning - Buying Decision Process - Implication of Consumer Behaviour process in Retailing - Customer Shopping Behaviour - Types of Shoppers - Retail factors that influence Customer Shopping Behaviour - Customer Service and Satisfaction

Unit III Retail Branding 10 h

Definition- Role of Brand in Retail Trade - Advantages of Brand Building to Retailers - Advantages to Consumers- Brand name - Brand Loyalty - Store Loyalty - Consumer Loyalty - Loyalty Schemes - Positioning of a brand - Brand Image - Brand personality - Private Label brands- Corporate Branding

Unit IV Retail Communication and Promotion 8 h

Definition - Promotional Objectives - Effect of Promotional Campaign- Promotional Advertising - Window display - Interior display - Showrooms - Exhibitions - Sales promotion - Consumer sales promotions - Dealer Sales Promotion.

Unit V Role of Information Technology in Retailing 10 h

Non-store retailing - E-Retailing - Challenges faced - Advantages of Information Technology in Retail trade - Integrated systems and Networking - Kinds of Retailers engaged in Electronic Commerce - Limitations of Web - Future trends - Smart cards - E-cash- Multimedia Kiosk - Electronic body scanners.



Text Books

- 1 Natrajan L, 2017, "Retail Management", Reprint Edition, Margham Publications, Chennai.
- 2 Barry Berman., Joel.R. Evans and Ritu Srivastava, 2017, "Retail Management - A Strategic Approach", Thirteenth Edition, Pearson Education, New Delhi.

References

- 1 Chetan Bajaj, Rajnish Tuli and Nidhi Varma Srivastava., 2010, "Retail Management", Second Edition, Oxford Higher Education.
- 2 Harjit Singh, 2014, "Retail Management - A Global Perspective", Third Revised Edition, Sultan Chand & Company Ltd , New Delhi.
- 3 Michael Levy, Barton Weitz and Ajay Pandit, 2012, "Retailing Management", Eighth Special Indian Edition, McGraw Hill Higher Education.
- 4 Gibson G.Vedamani, 2017,"Retail Management", Fifth Edition, Pearson.

Course Code	Course Name	Category	L	T	P	Credit
195AT1A6DB	FUNDAMENTALS OF e-FILING	DSE	4		-	4

PREAMBLE

This course has been designed for students to learn and understand

- The concepts of filing of income tax return and submit tax documents by using internet.
- The availability of different types of tax returns under various heads of income and learn to differentiate between different types of income tax returns
- About provisions regarding the returns of TDS and GST .

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand the concept of e-Filing	K1
CO2	Know the e-Filing due dates and Filing of Income Tax Returns.	K2
CO3	Understand the TDS and types of forms available for filing	K2
CO4	Identify the various return mechanism in GST	K3
CO5	Know the Registration and e-Filing of GST return.	K3

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195AT1A6DB	FUNDAMENTALS OF e-FILING	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Conceptual Framework 8 h

Meaning of e-filing - Difference between e-filing and regular filing of returns- Benefits and limitations of e-filing - Types of e-filing - e-filing process - Relevant notifications

Unit II Income tax and e-filing of ITRs 10 h

Introduction to income tax - Basic terminology - Types of assets - Income taxable under different heads - Basics of computation of total income and tax liability- Deductions available from gross total income- PAN card- Due date of filing of income tax return - Instructions for filling out form ITR-1

Unit III TDS and e-filing of TDS returns 10 h

Introduction to the concept of TDS - Provision regarding returns of TDS - Types of forms for filing TDS returns.

Unit IV GST Returns 10 h

Legal Framework for returns - Benefits - Return mechanism in GST - Modes of filing return - Types of Returns under GST- GST practitioners - GST portal.

Unit V GST and e-filing of GST returns 10 h

Introduction to GST- Registration - relevant notifications regarding e-filing of GST returns - Steps for preparing GST returns.

Note: Theory Only



Text Books

- 1 Gaur, V.P. and Narang, 2021, D.B. Income Tax law and Practice: Kalyani Publishers, Ludhiana
- 2 Singhania, V. K. ,2019, Student's Guide to GST and Customs Law. New Delhi: Taxmann Publications Pvt. Ltd.

References

- 1 Singhania, V. K. and Singhania, M. (2018). Students' Guide to Income Tax (University Edition). New Delhi: Taxmann Publications Pvt. Ltd.
- 2 Ahuja, G. and Gupta, R. (2018). Systematic Approach to Income Tax. Gurgaon: Wolters Kluwer India.
- 3 Ahuja, G. & Gupta R., Simplified Approach to GST and Customs Law. Delhi: Flair Publications.
- 4 Singhania, V. K. (2017). Students' Guide to E- Returns with C.D. New Delhi: Taxmann Publications Pvt. Ltd

Course Code	Course Name	Category	L	T	P	Credit
195CI1A6SA	JAVA PROGRAMMING	SEC	4	-	-	4

PREAMBLE

This course has been designed for students to learn and understand

- how to implement object-oriented designs with Java.
- design and program stand-alone Java applications.
- how to use exception handling in Java applications.

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understanding the basic concept of Java Programming	K1
CO2	Apply the knowledge of OOPS	K2
CO3	Understanding the concepts of packages and threads	K3
CO4	Analyze the Exceptions and Applet Programming	K3
CO5	Understanding the concept of Stream classes	K2

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195CI1A6SA	JAVA PROGRAMMING	SEMESTER VI
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Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Introduction to Java 10 h

Features of Java - Basic Concepts of Object Oriented Programming - Java Tokens - Java Statements - Constants - Variables - Data Types - Type Casting - Operators - Expressions - Control Statements: Branching and Looping Statements.

Unit II Classes, Objects and Methods 10 h

Classes, Objects and Methods - Constructors-Methods Overloading - Inheritance - Overriding Methods - Finalizer and Abstract Methods - Visibility Control - Arrays, Strings and Vectors - String Buffer Class.

Unit III Interfaces and Packages 10 h

Introduction - Creating Packages - Accessing a Package - Multithreaded Programming - Creating Threads - Stopping and Blocking a Thread - Life Cycle of a Thread-Using Thread Methods - Thread Priority.

Unit IV Errors and Exceptions 10 h

Managing Errors and Exceptions - Syntax of Exception Handling Code - Using Finally Statement - Throwing Our Own Exceptions - Applet Programming - Applet Life Cycle - Graphics Programming.

Unit V Managing Input /Output Files 8 h

Concept of Streams - Stream Classes - Byte Stream Classes - Character Stream Classes - Using Streams - Using the File Class - Creation of Files - Random Access Files - Other Stream Classes.



Text Books

- 1 Balagurusamy E, 2004, "Programming with JAVA", 2nd Edition, Tata McGraw-Hill Publishing Co.Ltd.
- 2 Muthu C, 2013, "Programming with Java", Vijay Nicole Imprints, Chennai.

References

- 1 Cay S. Horstmann, Gray Cornell, 2000, "Core Java 2 - Volume I - Fundamentals", 5th Edn., PHI.
- 2 P. Naughton and H. Schildt, 1999, "Java 2 - The Complete Reference", Third Edition, TMH.
- 3 K. Arnold and J. Gosling, 1996, "The Java Programming Language", Second Edition, Addison Wesley.
- 4 Sagayaraj , Denis, Karthik, Gajalakshmi, 2012, "JAVA Programming", University Press , Hyderabad.



195CI1A6SP	JAVA PROGRAMMING	SEMESTER VI
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Total Credits: 2
Total Instructions Hours: 48 h

S.No	Contents
1	Substring removal from a string using String Buffer Class.
2	Determining the Perimeter and Area of a Triangle using Stream Class.
3	Determining the order of numbers generated randomly using Random class.
4	Usage of Calendar Class and manipulation.
5	String Manipulation using char array.
6	Usage of Vector Classes.
7	Implementing Thread based application and Exception Handling.
8	Creating scientific calculator.
9	Working with Frames and Various controls.
10	Working with Applet- form designing.
11	Text files (copy, display, counting characters, words and lines).
12	Data file creating and processing for electricity billing.

Note: Any 10 Programs have been done.



Course Code	Course Name	Category	L	T	P	Credit
195BI1A6AA	INNOVATION AND IPR	AECC	2	-	-	2

PREAMBLE

This course has been designed for students to learn and understand

- basics of Intellectual Property Rights, Copy Right Laws Trade Marks and Patents
- ethical and professional aspects related to intellectual property law context
- Intellectual Property(IP) as an career option

COURSE OUTCOMES

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

CO Number	CO Statement	Knowledge Level
CO1	Understand the concept of Creativity, Invention and innovation	K2
CO2	Know the value , purpose and process of Patent	K2
CO3	Understand the basics of trademarks and industrial designs	K2
CO4	Acquire knowledge about copyright and copyright law	K2
CO5	Identify Geographical Indications	K2

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



195BI1A6AA	INNOVATION AND IPR	SEMESTER VI
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Total Credits: 2

Total Instruction Hours: 24 h

Syllabus

Unit I Introduction 05 h

Meaning of Creativity, Invention and innovation - Types of Innovation - Relevance of Technology for Innovation - Introduction and the need for Intellectual Property Right (IPR) - Kinds of IPR - National IPR Policy.

Unit II Patents 05 h

Introduction and origin of Patent System in India- Conceptual Principles of Patent Law in India - Process for obtaining patent - Rights granted to a Patentee - Infringement of Patent.

Case Study: When Google was sued for Patent Infringement.

Unit III Trademarks 05 h

Origin of Trade Marks System - Types - Functions - Distinctiveness and Trademarks - Meaning of Good Trademark - Rights granted by Registration of Trademarks - Infringement of trademark.

Case Study: Trademark mismanagement by Cadbury's.

Unit IV Copyright 05 h

Introduction and Evolution of Copyright - Objectives and fundamentals of Copyright Law - Requirements for Copyrights - Works protectable under Copyrights - Authorship and Ownership - Rights of Authors and Copyright owners - Infringement of Copyright.

Case Study: Copyright Case of Napster and Grokster.

Unit V Geographical Indications 04 h

Introduction and Concept of Geographical Indications - History - Administrative Mechanism - Benefits of Geographical Indications - Infringement of registered Geographical Indication.

Case Study: The story of the Tirupati Laddu.

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

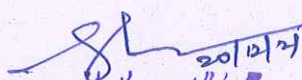


Text Book

- 1 Nithyananda, K V. 2019, "Intellectual Property Rights" Protection and Management. India, IN: Cengage Learning India Private Limited.

References

- 1 Ahuja, V K. 2017, "Law relating to Intellectual Property Rights" India, IN: Lexis Nexis.
- 2 Neeraj, P., &Khusdeep, D. 2014, "Intellectual Property Rights" India, IN: PHI learning Private Limited.
- 3 <http://www.bdu.ac.in/cells/ipr/docs/ipr-eng-ebook.pdf>.
- 4 <https://knowledgentia.com/knowledgeate>


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

