

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)

B.Com. Information Technology Degree

(For the students admitted during the academic year 2019-20 and onwards)

Programme: B.Com 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:

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

1. To gain a substantial understanding of concepts in key areas of Banking Insurance and its applications
2. To carry out the required analysis and synthesis involved in Banking, Insurance and its applications
3. Able to show professional competence in the industry and in its implementation
4. To develop and equip the employability skills to meet the requirement of the Banking and Insurance sector.



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:

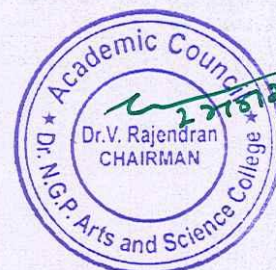
| Part | Subjects | No.of Papers | Credit | Semester No. |
|----------------------|--|--------------|------------|---------------|
| I | Tamil / Hindi / French/Malayalam | 2 | 2 x 3 = 6 | I & II |
| II | English | 2 | 2 x 3 = 6 | I & II |
| III | Core (Credits 2,3,4) | 18-20 | 70 | I to VI |
| | Inter Departmental Course (IDC) | 4 | 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. INFORMATION TECHNOLOGY 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 |
| 191TL1A1HA | | Hindi-I | | | | | | | | |
| 191TL1A1MA | | Malayalam-I | | | | | | | | |
| 191TL1A1FA | | French - I | | | | | | | | |
| Part - II | | | | | | | | | | |
| 191EL1A1EA | Language - II | English - I | 4 | - | 1 | 3 | 25 | 75 | 100 | 3 |
| Part - III | | | | | | | | | | |
| 195CM1A1CA | Core | Financial Accounting | 5 | 1 | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A1CA | Core | Fundamentals of Information Technology | 4 | - | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A1CP | Core Practical | Application of Information Technology | - | - | 4 | 3 | 40 | 60 | 100 | 2 |
| 192MT1B1ID | IDC | 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 |

[Signature]
 4/4/2019
BoS Chairman/HoD
 Department of Commerce (IT)
 Dr. N. G. P. Arts and Science College
 Coimbatore - 641 010



Dr. NGPASC

COIMBATORE | INDIA

B.Com. (IT) (Students admitted during the AY 2019-20)

| 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 |
| 191TL1A2HA | | Hindi-II | | | | | | | | |
| 191TL1A2MA | | Malayalam-II | | | | | | | | |
| 191TL1A2FA | | French – II | | | | | | | | |
| Part – II | | | | | | | | | | |
| 191EL1A2EA | Language - II | English – II | 4 | - | 1 | 3 | 25 | 75 | 100 | 3 |
| Part – III | | | | | | | | | | |
| 195CI1A2CA | Core | Advanced Financial Accounting | 5 | 1 | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A2CB | Core | Principles of Marketing | 4 | - | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A2CP | Core Practical | Accounting Applications | - | - | 4 | 3 | 40 | 60 | 100 | 2 |
| 192MT1B2IC | IDC | Business Statistics | 3 | 1 | - | 3 | 25 | 75 | 100 | 4 |
| Part - IV | | | | | | | | | | |
| 196BM1A2AA | AECC - II | Value Education - Human Rights | 2 | - | - | 3 | - | 50 | 50 | 2 |
| Total | | | 22 | 3 | 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 |
| 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 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 extra curricular 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

- 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) | | | ASSIGNMENT S (15) | | | CLASS PRESENTATIO N (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 |



8.5 CA/ICSI/CMA

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

8.6 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 |

8.7 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 | தமிழ்த்தாள் - I | மொழி - I | 4 | 1 | - | 3 |

குறிக்கோள்: (PREAMBLE)

இப்பாடத்திட்டம் மாணவர்கள் கற்றுக் கொள்வதற்காகவும் புரிந்து கொள்வதற்காகவும் உருவாக்கப்பட்டது.

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

பயனடைவுக்கல்வியின் விளைவாக ஏற்படும் பயன்பாடுகள் (COURSE OUTCOMES)

| பாடத்திட்டப் பகுப்பு முறை | பாடத்திட்டத்தின் குறிக்கோள் | அறிவுத்திறன் வெளிப்படும் அளவு முறை |
|---------------------------|--|------------------------------------|
| CO1 | வாழ்க்கைத்திறன்கள் (Life Skills) – மாணவனின் செயலாக்கத்திறனை ஊக்குவித்தல் | K1,K2,K3 |
| CO2 | மதிப்புக்கல்வி (Attitude and Value education) | K2,K4 |
| CO3 | பாட இணைச்செயல்பாடுகள் (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 |
|------------|-----------------|------------|

Total Credits: 3

Total Instructions Hours: 60

பாடத்திட்டம்

அலகு - 1 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) சுமமா கிடந்த நிலத்தை எனத்தொடங்கும் பாடல் - பட்டுக்கோட்டை கல்யாண சுந்தரனார்

ஆ) சமரசம் உலாவும் இடமும் எனத்தொடங்கும் பாடல் - மருதகாசி

இ) உன்னை அறிந்தால் எனத்தொடங்கும் பாடல் - கண்ணதாசன்

அலகு - 2 புதுக்கவிதைகள்

12 H

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

அலகு - 3 பெண்ணியம்

08 H

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

அலகு - 4 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

அலகு -5 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

பாட நூல்

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

பார்வை நூல்கள்

- 1 வரதராசன்,மு. தமிழ் இலக்கிய வரலாறு. முதல் பதிப்பு 1972 .சாகித்திய அக்காதெமி. புது தில்லி.
- 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 பேராசிரியர் முனைவர் பாக்கியமேரி . இலக்கணம் இலக்கிய வரலாறு மொழித்திறன் . முதல் பதிப்பு 2013 . பூவேந்தன் பதிப்பகம். சென்னை.
- 5 தமிழ் இணையக் கல்விக்கழகம். <<http://www.tamilvu.org/>>



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|-------------|--------------|---|---|---|--------|
| 191TL1A1HA | HINDI - I | Language - I | 4 | 1 | - | 3 |

குறிக்கோள்: (PREAMBLE)

- 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 Statements | 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



| | | |
|------------|-----------|--------------|
| 191TL1A1HA | HINDI - I | SEMESTER - I |
|------------|-----------|--------------|

Total Credits: 3
Total Instructions Hours: 60

Syllabus

UNIT - I

20 H

गद्य - नूतन गद्य संग्रह (जय प्रकाश)

पाठ 1- रजिया

पाठ 2- मक्रील

पाठ 3- बहता पानी निर्मला

पाठ 4- राष्ट्र पता महात्मा गाँधी

प्रकाशक: सु मत्र प्रकाशन

204 लीला अपार्टमेंट्स, 15 हेस्टिंग्स रोड

अशोक नगर इलाहाबाद-211001

UNIT - II

20 H

कहानी कुंज- डॉ वी.पी. 'अ मताभ'(पाठ 1-4)

प्रकाशक: गो वन्द प्रकाशन

सदर बाजार, मथुरा

उत्तर प्रदेश-281001

UNIT - III

18 H

व्याकरण : शब्द वचार (संज्ञा, सर्वनाम, कारक, वशेषण)

पुस्तक: व्याकरण प्रदिप - रामदेव

प्रकाशक: हिन्दी भवन 36

टेगोर नगर

इलाहाबाद-211024

UNIT - IV

12 H

अनुवाद अभ्यास-III (केवल अंग्रेजी से हिन्दी में)

Dr.NGPASC



COIMBATORE | INDIA

B.Com. (IT) (Students admitted during the AY 2019-20)

(पाठ 1 to 10)

प्रकाशक: द क्षण भारत प्रचार सभा चेन्नई -17



Dr.NGPASC

COIMBATORE | INDIA

B.Com. (IT) (Students admitted during the AY 2019-20)

| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|---------------|--------------|---|---|---|--------|
| 191TL1A1MA | MALAYALAM - I | Language - I | 4 | 1 | - | 3 |

PREAMBLE:

- 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 Statements | 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



| | | |
|------------|---------------|------------|
| 191TL1A1MA | MALAYALAM - I | SEMESTER I |
|------------|---------------|------------|

Total Credits: 3
Total Instructions Hours: 60

CONTENTS

Paper I Prose, Composition & Translation

Syllabus

| | |
|---------------------------|------|
| UNIT I &II | 30 H |
| Novel | |
| UNIT III & IV | 20 H |
| Short story | |
| UNIT V | 10 H |
| Composition & Translation | |

Text Books

- 1 Unit I &II - Vasudevan Nair,M.T. Naalukettu .D.C.Books. Kottayam. Kerala
- 2 Unit III & IV - Lalithampika Antharjanam . Manikkianum Mattu Prathana Kathakalum . D.C.Books. Kottayam. Kerala
- 3 Unit V- Expansion of ideas, General Essay and Translation of a simple passage from English about 100 words) to Malayalam

References

- 1 Dr. Leelavathi, M. Kavitha Sahithya Charitram. Kerala Sahithya Academy, Trichur.
- 2 Tharakan,K.M. Malayala Novel Sahithya Charitram. N.B.S. Kottayam
- 3 Sankarapillai,G. MalayalaNataka Sahithya Charitram. D.C.Books, Kottayam
- 4 Achuyuthan, M. Cherukatha Innale Innu. D.C. Books. Kottayam
- 5 Dr.George,K.M..(ChiefEditor) (Sahithya Charitram Prasthanangalilude. D.C. Books, Kottayam.



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|-------------|--------------|---|---|---|--------|
| 191TL1A1FA | FRENCH- I | Language - I | 4 | 1 | - | 3 |

PREAMBLE

- To Acquire Competence in General Communication Skills – Oral + Written –
 - Comprehension and 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 Statements | 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



| | | |
|------------|-----------|------------|
| 191TL1A1FA | FRENCH- I | SEMESTER I |
|------------|-----------|------------|

Total Credits: 3

Total Instructions Hours: 60

Syllabus

UNITÉ 1 Ici, en France

14 H

Compétence Culturelle

- Moi et les Autres
- La France Express

Compétence De communication

- INTERACTION:

s'identifier

- RÉCEPTION ECRITE:

Comprendre une annonce d'aéroport

- RÉCEPTION ORALE:

comprendre l'écrit de la rue

(Panneaux, plaques, rues...)

- PRODUCTION ÉCRITE:

écrire un SMS

Compétence grammaticale

- Le présent des verbes:

Je suis, je reste, J'arrive

- Le lieu:

(je suis) à...

(je suis) ici

- L'infinitif

UNITÉ 2 Ici, en classe

12 H

Compétence Culturelle

- Moi et le français
- Le français dans le monde

Compétence De communication

- INTERACTION:

Se présenter



- RÉCEPTION ORALE:

Comprendre des consignes

Orales

- RÉCEPTION ÉCRITE:

Comprendre une fiche

D'inscription

- PRODUCTION ÉCRITE:

écrire un texte à l'impératif

Compétence grammaticale

- Tu/vous

- Le présent des

Verbes en-er et de

être:je, tu,vous

- La forme

Impérative (tu ,vous)

Des verbes en-er

UNITÉ 3 - Samedi

12 H

- **Compétence Culturelle**

Le fil du temps

- **Compétence De communication**

INTERACTION:

S'informer

- RÉCEPTION ORALE:

Comprendre une annonce

- RÉCEPTION ÉCRITE:

Comprendre un article

(titres et illustrations)

- PRODUCTION ÉCRITE:

écrire des slogans •

Compétence grammaticale

Les articles

Défines:le,la,les

- A,de+le,la,les:

Au,aux,du,des,à l', de l'



- Être(présent)l'heure
- Ll faut+nom

Ll faut+infinitive

- Pharses verbe+complément,
Complément+verbe

UNITÉ 4 Dimanche

12 H

•Compétence Culturelle

Les activités Culturelles des Français •

Compétence De communication

INTERACTION:

Acheter,demander des
Informations

- RECEPTION ORALE:

Comprendre les

Titres du journal à la radio

- RÉCEPTION ÉCRITE:

Comprendre les

Informations

- PRODUCTION ÉCRITE:

Inventer des noms de journaux

Compétence grammaticale

- Faire, present

- Avior, present
- Ll y a
- Le présent des verbes en-er: Regarder
- Combien?
- Quand?
- Complément de nom:

Tremblement de terre, les noms de pays....

- Du,des,de la(reprise U2)
- Les adjectifs possessifs:

Mon,ta,son, Ma,ta,sa

Mes,tes,ses

UNITÉ 5 Dommage!

10 H



Dr.NGPASC

COIMBATORE | INDIA

• **Compétence Culturelle**

Un baby-boom en 2000 et 2001

- L'amour, toujours

Compétence De communication

• **INTERACTION:**

exprimer la tristesse, la peur,
conseiller, encourager

- **RÉCEPTION ORALE:**

Comprendre une émission

De radio

- **RÉCEPTION ÉCRITE:**

Comprendre un sondage

- **PRODUCTION ÉCRITE:**

écrire des blogs

Compétence grammaticale

- Est-ce que
- Le présent des verbes pouvoir, Vouloir
- Le conditionnel des

Verbs pouvoir,

Vouloir

- Ne...pas

Text Books

- 1 **Alors, I.** *Marcella Di Giura Jean-Claude Beacco.* Goyal Publishers Pvt Ltd New Delhi.

| 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 genres
- 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 | K4 |
| 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 |
|------------|-------------|------------|

Total Credits: 3

Total Instructions Hours: 60

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 – Margaret Wood

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. Ramanujam

On Prayer – Khalil Gibran

The Garden Party – Katherine Mansfield

The Tell-Tale Heart – Edgar Allan Poe



Unit V Grammar - II

14 H

If Conditionals

Modal Auxiliary Verbs

Question Types/Tags

Voice

Direct and Indirect Speech

Text Books

- 1 Krishnaswamy. N. 2000. Modern English: A Book of Grammar, Usage And Composition. Macmillan. New Delhi.
- 2

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 Swan, Michael and Catherine Walter. 2011. Oxford English Grammar Course. Oxford University Press. New York.
- 5 Wren and Martin. 2006. High School English Grammar And Composition. S. Chand Publishing. New Delhi.



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

PREAMBLE

This course has been designed for students to learn and understand

- To make the students to understand the basic concepts and conventions of accounting
- To understand the rules of accounting used to enter the business transactions in a systematic manner to maintain books of accounts
- To get 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 | S | M | L | S | L |
| CO2 | S | L | L | M | M |
| CO3 | S | L | M | S | L |
| CO4 | S | S | S | S | L |
| CO5 | S | M | L | S | M |

S Strong

M Medium

L Low



| | | |
|------------|-----------------------------|------------|
| 195CM1A1CA | CORE : FINANCIAL ACCOUNTING | SEMESTER I |
|------------|-----------------------------|------------|

Total Credits: 4
Total Instructions Hours: 72 H

Syllabus

Unit I ACCOUNTING CONCEPT 15H

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 14H

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 14H

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 15H

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

Unit V DEPRECIATION 14H

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.



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,(Volume I)[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 | CORE : FUNDAMENTALS OF INFORMATION TECHNOLOGY | Core | 4 | - | - | 4 |

PREAMBLE

This course has been designed for students to learn and understand

- To impart the students about the latest trends in the technological developments.
- To understand the business implications with Information Technology.
- To Provide 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 | CORE : FUNDAMENTALS OF INFORMATION TECHNOLOGY | SEMESTER I |
|------------|---|------------|

Total Credits: 4

Total Instructions Hours: 48 H

Syllabus

Unit I Introduction to Computer 8 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 10 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 8 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 12 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 10 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 [First Printing]. Leon Press, Chennai and Vikas Publishing House Pvt Ltd, New Delhi.
- 2 Michael price., (2012). Office 2010 covers the core essentials [Fourth Edition]. 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 (Asia) 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.



| | | |
|------------|--|------------|
| 195CI1A1CP | CORE PRACTICAL : APPLICATION OF INFORMATION TECHNOLOGY | SEMESTER I |
|------------|--|------------|

Total Credits: 2
Total Instructions Hours: 48 H

S.No

Contents

MS-WORD

- 1 Preparation of Chairman's speech and perform the following font operations:
 Bold, Underline, Italic, Font Size, Strikethrough, Double strike through
 Superscript, Subscript, Small caps, All Caps, Font color Background color, Text color, Line spacing
- 2 Preparation of Auditor's report and perform the following Paragraph operations:
 Alignment Left -Right -Center- Justified
 Line Space -Line Space Before - Line Space After.
- 3 Preparation of Minutes/ Agenda and perform the Header Footer & Page Setup operations:
 Insert Page Number
 Page size - Orientation - Columns - Page Borders - Watermark
- 4 Preparation of an invitation for the college function using Text boxes and clip parts.
- 5 Designing an invoice and Account sales by using Drawing tool bar, Clip Art, Word Art, Symbols, Borders and Shading.
- 6 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.
- 7 Preparation of Shareholders meeting letter for 10 members using mail merge operation.

MS-EXCEL

- 8 Preparation of mark list of your class (minimum of 5 Courses) and perform the following operations: Sum, Average, Count, Round, Min, Max, Rank.



- 9 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.
- 10 Preparation of Final Accounts (Trading, Profit & Loss Account and Business Sheet) by using formula
- 11 Preparation of statement of Bank customer's account showing simple and compound interest calculations for 10 different customers using mathematical and logical functions.
- 12 Preparation of Product Life Cycle which should contain the following stages: Introduction, Growth, Maturity, Saturation, Decline.

MS POWERPOINT

- 13 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.
- 14 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.
- 15 Designing slides for the headlines News of a popular TV Channel. The Presentation Should contain the following transactions: Top down, Bottom up, Zoom in and Zoom out - The presentation should work in custom mode.
- 16 Designing presentation slides about an organization and perform frame movement by interesting clip arts to illustrate running of an image automatically.
- 17 Designing presentation slides for the Seminar/Lecture Presentation using animation.

MS ACCESS

- 18 Preparation of employee's payroll for an organization.
- 19 Creating mailing labels for student database which should include at least three Table must have at least two fields with the following details: Roll Number, Name, Course, Year, College Name, University, Address, Phone Number.
- 20 Preparation of purchase and sales invoice.
- 21 Creating a simple table for ASSETS.
- 22 Creating a simple table for the PRODUCT database.

| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|----------------------------|----------|---|---|---|--------|
| 192MT1B1ID | IDC : BUSINESS MATHEMATICS | IDC | 4 | - | - | 4 |

PREAMBLE

This course has been designed for students to learn and understand

- To gain the basic mathematics concepts and formulate the mathematical problems.
- Apply mathematical techniques to solve the modern business problems.
- To develop Mathematical knowledge in Banking Area

COURSE OUTCOMES

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

| CO Number | CO Statement | Knowledge Level |
|-----------|--|-----------------|
| CO1 | Learn basic concepts of set theory and Venn diagrams. | K1 |
| CO2 | Use mathematical logic to find the terms of series and sequence. | K2 |
| CO3 | Perform basic operations in matrices and solve the linear equations. | K2 |
| CO4 | Understanding the basic terms and independently solving of business problem. | K3 |
| CO5 | Develop and solve the unknown values using interpolation. | K3 |

MAPPING WITH PROGRAMME OUTCOMES

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

S Strong

M Medium

L Low



| | | |
|------------|----------------------------|------------|
| 192MT1B1ID | IDC : BUSINESS MATHEMATICS | SEMESTER I |
|------------|----------------------------|------------|

Total Credits: 4

Total Instructions Hours: 48 H

Syllabus

Unit I Permutation and Combination 12H

Introduction – Fundamental rules for counting – Results on permutation – Results on Combination – Additional Examples.

Unit II Set Theory 10H

Sets – Methods of Set representation and notation – Types of sets – Venn Diagram – Set operations – union – intersection – complement – difference – examples on set operations – Laws of Algebra of sets – Duality.

Unit III Binomial Theorem 12H

Introduction – Binomial Theorem – General term of $(a+x)^n$ – Middle term of $(a+x)^n$ – Logarithmic series: Introduction – Definition of logarithm – laws of logarithm – Additional Examples.

Unit IV Compound Interest 13H

Introduction – Definition of important terms – Simple Interest – Compound interest – Interest Compounded Continuously – Amount at the changing rates of interest – Nominal and effective rate of interest – Growth and depreciation – Additional examples.

Unit V Annuities 13H

Introduction – Amount of immediate annuity or ordinary annuity – Present value of immediate annuity or ordinary Annuity – Amount of Annuity due – Present value of Annuity due – Amount of a deferred Annuity – Present value of deferred Annuity – Perpetual Annuity or Perpetuity – Amortization – Sinking Fund – Additional examples.



Text Books

- 1 N G Das, J K Das, 2012. Business Mathematics and Statistics, McGraw Hill Education (I) Private Limited.
- 2 Asi Kumar Manna, 2018. Business Mathematics and Statistics, McGraw Hill Education (I) Private Limited

References

- 1 Ranganath G.K, sampamgiram C.S and Rajan Y. 2006, A Text Book Business Mathematics. Himalaya Publishing House
- 2 Sundaresan and jayaseelan. 2008. Introduction to business Mathematics. Sultan chand Co & Ltd, Newdelhi
- 3 Sanchetti, D.C and Kapoor, V.K, " Business Mathematics" , Sultan chand Co& Ltd, Newdelhi
- 4 Navnitham, PA. 2013. Business Mathematics and Statistics, Jai publishers, Trichy.



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|------------------|----------|---|---|---|--------|
| 191TL1A2TA | தமிழ்த்தாள் - II | Theory | 4 | 1 | - | 3 |

PREAMBLE

This course has been designed for students to learn and understand

- மொழிப் பாடங்களின் வாயிலாக 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, 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



| | | |
|------------|------------------|-------------|
| 191TL1A2TA | தமிழ்த்தாள் - II | SEMESTER II |
|------------|------------------|-------------|

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. முதுரை - 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 பயிற்சிப்பகுதி 15 h

அ.இலக்கிய வரலாறு

1. பதினெண் கீழ்க்கணக்கு நூல்கள்

2. தமிழ் உரைநடையின் தோற்றமும் வளர்ச்சியும்

ஆ. இலக்கணம்

1. வழு, வழுவமைதி, வழாநிலை

இ. பயிற்சிப்பகுதி

1. நூல் மதிப்பீடு மற்றும் திரைக்கதை திறனாய்வு

2. தன்விவரக் குறிப்பு எழுதுதல்



Text Books

- 1 தொகுப்பு: தமிழ்த்துறை, டாக்டர் என்.ஜி.பி. கலை மற்றும் 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 |
|-------------|-------------|----------|---|---|---|--------|
| 191TL1A2HA | HINDI-II | Theory | 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 | M | M | S |
| CO4 | S | M | S | M | S |
| CO5 | S | M | S | M | S |

S Strong

M Medium

L Low



| | | |
|------------|----------|-------------|
| 191TL1A2HA | HINDI-II | SEMESTER II |
|------------|----------|-------------|

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I 15 h

आधुनिकपद्य – शबरी(श्रीनरेशमेहता)

प्रकाशक: लोकभारतीप्रकाशन

पहलीमंजिल, दरबारीबिल्डिंग,

महात्मागाँधीमार्ग, इलाहाबाद-211001

Unit II 15 h

उपन्यास: सेवासदन-प्रेमचन्द

प्रकाशक: सु मन्त्रप्रकाशन

204 लीलाअपार्टमेंट्स, 15 हेस्टिंग्सरोड

अशोकनगरइलाहाबाद-211001

Unit III 15 h

अनुवादअभ्यास-III (केवलहिन्दीसेअंग्रेजीमें)

(पाठ1 to 10)

प्रकाशक: द क्षणभारतप्रचारसभाचेनई-17

Unit IV 15 h

पत्रलेखन: (औपचारिकयाअनौपचारिक)



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|-------------|----------|---|---|---|--------|
| 191TL1A2FA | FRENCH- II | Theory | 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



| | | |
|------------|------------|-------------|
| 191TL1A2FA | FRENCH- II | SEMESTER II |
|------------|------------|-------------|

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

Unit I – Super! 13 h

• Compétence Culturelle

L'égalité homme/femme

Compétence De communication

INTERACTION:

Exprimer des sentiments, exprimer la joie, le plaisir, le bonheur

• RÉCEPTION ORALE:

Comprendre un jeu radiophonique

• RÉCEPTION ÉCRITE:

Comprendre des annonces

• PRODUCTION ÉCRITE:

Écrire des cartes postales •

Compétence grammaticale

Les noms de professions masculine/féminine

• Le verbe finir et les

Verbes du groupe

en-ir

• Le présent de l'impératif

• Savoir (présent)

• Le participe passé:

Fini, aimé, arrive, dit, écrit

• Quel(s), quelle(s)...

Interrogatif et Exclamatif

• À + infinitive

• Les articles: le, une, des

Unit II Quoi? 13 h

Compétence Culturelle

• Le 20^e siècle:

Dr. NGPASC



Petits progrès Grand progrès

Compétence De communication

- INTERACTION:

Decrirequelque chose, unepersonne

- RECEPTION ORALE:

Comprendre un message publicitaire

- RÉCEPTION ÉCRITE:

Comprendre un dépliant touristique

- PRODUCTION

ÉCRITE: Écrire des petites annonces

Compétence grammatical

- On
- Plus, moins
- Le verbe aller:
- Present, impératif
- Aller + infinitive
- Le pluriel en -x

Unit III – Et après

12 h

Compétence Culturelle

Nouvelles du jour

Compétence De communication

INTERACTION:

Raconteur, situer un récit dans le temps

RÉCEPTION ORALE:

Comprendre une description

RÉCEPTION ÉCRITE:

Comprendre un test

PRODUCTION ÉCRITE:

écrire des cartes postales

Compétence grammaticale

L'imparfait:: quel-Quels forms pour introduire le récit: Il faisait, il y avait, il était

Un peu, beaucoup, trop, Assez

Très

Le verbe venir:

Dr. NGPASC



Présent, impératif

En Suisse, au Maroc, aux Etats-Unis

Unit IV Maisoui!

12 h

Compétence Culturelle

La génération des 20-30 ans

Compétence De communication

INTERACTION:

Donner son opinion,

Expliquer pourquoi

RÉCEPTION ORALE:

Comprendre des informations à la radio

RÉCEPTION ÉCRITE:

Comprendre un texte informatif

PRODUCTION ÉCRITE:

écrire un mémo de protestation

Compétence grammaticale

Répondre, prendre:

Présent, impératif, part Passé

Parceque pourquoi

Tout/tous, toute/s

Tous/toutes les...

(répétition action)

Unit V Maisnon!

10 h

•Compétence Culturelle

De la ville à la campagne

Compétence De communication

INTERACTION:

Débat:: exprimer l'accord, exprimer le Désaccord

RECEPTION ORALE:

Comprendre un message sur un répondeur téléphonique

RÉCEPTION ÉCRITE:

Comprendre un témoignage

PRODUCTION ECRITE: Rédiger des petites Annonces immobilières



Compétence grammaticale

Le verbe devoir: Présent et participe passé

Le verbe vivre, présent

Aller + infinitive

Venir+ infinitive

Etre pour/contre

Text Books

- 1 Marcella Di Giura Jean-Claude Beacco, Alors! New Delhi – 110007: Goyal Publishers Pvt Ltd 86, University Block Jawahar Nagar (Kamla Nagar).



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|------------------------------------|----------|---|---|---|--------|
| 191TL1A2MA | MALAYALAM-II PROSE: NON-FICTION | Theory | 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



| | | |
|------------|------------------------------------|-------------|
| 191TL1A2MA | MALAYALAM-II PROSE: NON-FICTION | SEMESTER II |
|------------|------------------------------------|-------------|

Total Credits: 3

Total Instruction Hours: 60 h

Syllabus

| | |
|-----------------|------|
| Unit I | 12 h |
| Biography | |
| Unit II | 12 h |
| Biography | |
| Unit III | 12 h |
| Travelogue | |
| Unit IV | 12 h |
| Travelogue | |
| Unit V | 12 h |
| Travelogue | |

Text Books

- 1 Unit III, IV & V: Pottakkadu, S.K. Kappirikalude Nattil. Kottayam: D.C. Books.
- 2 Bhatathirippadu, V.T. Kannerum Kinavum. Kottayam: D.C. Books.

References

- 1 Dr. George, K.M.(). Jeevacharitrashithyam. (Edn.) Kottayam: N.B.S.
- 2 Dr. Naduvattom Gopalakrishnan. Jeevacharitrashithyam Malayalathil. Trivandrum: Kerala Bhasha Institute.
- 3 Dr. Vijayalam Jayakumar. Athmakathashithyam Malayalathil. (Kottayam: N.B.S.)
- 4 Prof. Ramesh Chandran. Sancharashithyam Malayalathil. (10 Edn.) Trivandrum: Kerala Bhasha Institute.



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|--------------|---------------|---|---|---|--------|
| 191EL1A2EA | ENGLISH - II | 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 genres
- 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 | 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 | K4 |
| CO4 | Inspect the knowledge to the corporate needs | K4 |
| CO5 | Formulate Inter and Intrapersonal skills | K6 |

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



| | | |
|------------|--------------|-------------|
| 191EL1A2EA | ENGLISH - II | SEMESTER II |
|------------|--------------|-------------|

Total Credits: 3

Total Instructions Hours: 60

Syllabus

Unit I Technical English 10

Communication: Process- Methods- Channels- Barriers of Communications

Phonetics: Basics of phonetics - Consonants and Vowel sounds - Pronunciation Guidelines- Problem Sounds and Differences in Pronunciation

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

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

Unit II Business English 11

Structure and Planning of Letters: Elements of Structure- Forms of Layout- Style- Importance and Steps for Planning- 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 14

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 11

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

14

Self - Discovery and Goal Setting: Self - Discovery - What Comprises It?- Goals and Types- Benefits, Areas and Clarity of Goal Setting - Critical thinking

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: Nature and Characteristics- Objectives and Significance

Developing Emotional Intelligence (EI): Salient Features- Components of EI- Intrapersonal Development

Text Books

- 1 Prabha, Dr. R. Vithya & S. Nithya Devi. 2019. Sparkle. (1st Edn.) McGraw - Hill Education. Chennai.
- 2 Rizvi, Ashraf. M. 2018. Effective Technical Communication. McGraw - Hill Education, Chennai.

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.
- 5 Sharma, R.C. and Krishna Mohan. 2016. Business Correspondence and Report Writing. 5th Edn. McGraw - Hill Education, Chennai.



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|--------------------------------------|----------|---|---|---|--------|
| 195CI1A2CA | CORE : ADVANCED FINANCIAL ACCOUNTING | Theory | 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 | CORE : ADVANCED FINANCIAL ACCOUNTING | SEMESTER II |
|------------|--------------------------------------|-------------|

Total Credits: 4

Total Instruction Hours: 72 h

Syllabus

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

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)



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.) Ludhiana : 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 | CORE : 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 | CORE : PRINCIPLES OF MARKETING | SEMESTER II |
|------------|--------------------------------|-------------|

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 |
|------------|--|-------------|

Total Credits: 2
Total Instructions Hours: 48 h

| S.No | Contents |
|------|--|
| 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: 8 Programs out of 12 programs are to be done



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|--------------------------|----------|---|---|---|--------|
| 192MT1B2IC | IDC: BUSINESS STATISTICS | IDC | 3 | 1 | - | 4 |

PREAMBLE

This course has been designed for students to learn and understand

- To Solve requirements of a good average and differentiate between average and Dispersion
- To Know Importance and uses 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 | Discuss the main concepts of Measure of Central Tendency and Measure of Dispersion | K2 |
| CO3 | Uses of Correlation and Regression | K3 |
| CO4 | Demonstrate 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 | IDC : BUSINESS STATISTICS | SEMESTER II |
|------------|---------------------------|-------------|

Total Credits: 4

Total Instruction Hours: 48 h

Syllabus

Unit I Statistics 9 h

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 Tendency and Dispersion 9 h

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



Text Book

- 1 Pillai , R.S.N. and Bagavathi (2002). Statistics . (14th Edn.) New Delhi : S. Chand and Company Ltd .

References

- 1 Gupta , S.P (2014). Statistical Methods. (34th Edn.) New Delhi : Sultan chand and sons Educational Publishers .
- 2 Ken Black., (2009). Business Statistics for Contemporary Decision Making . (4th Edn.) New Delhi : John Wiley and sons Pvt.Ltd.
- 3 Beri , G.C . (2010). Business Statistics . (6th Edn.) Chennai : McGraw Hill Education Pvt. Ltd .
- 4 Frank , S Budnick (2010). Applied Mathematics for Business, Economics and the Social Sciences . (4th Edn.) Chennai : McGraw Hill Education Pvt. Ltd .



| Course Code | Course Name | Category | L | T | P | Credit |
|-------------|---------------------|----------|---|---|---|--------|
| 196BM1A2AA | AECC : 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 | M | S | S |

S Strong

M Medium

L Low

Dr.NGPASC

COIMBATORE | INDIA



B.Com. (IT) (Students admitted during the AY 2019-20)

| | | |
|------------|---------------------|-------------|
| 196BM1A2AA | AECC : HUMAN RIGHTS | SEMESTER II |
|------------|---------------------|-------------|

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

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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

Signature 20/12/2019

BoS Chairman/HoD
Department of Commerce (IT)
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Coimbatore - 641 048



| 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 |



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

B.Com. (IT) (Students admitted during the A.Y. 2019-20)



| 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 |
|------------|-----------------|--------------|

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 Audio and Multimedia | K3 |
| CO4 | Learn the Video concepts and file formats. | K2 |
| CO5 | Illustrate the concepts of Animation. | 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 |
|------------|--|---------------------|

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 |
|------------|--------------------------|--------------|

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 |
|-------------------|---------------------------|---------------------|

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 |
|------------|-----------------|--------------|

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 |
|------------|---------------------------------|--------------|

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 |
|------------|------------------------------|--------------|

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 |
|-------------------|-------------------------|---------------------|

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 |
|------------|-------------------------|--------------|

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.



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| 191TL1A3AA | பகுதி - 4 : அடிப்படைத்தமிழ்தாள் : 1(Basic Tamil) | SEMESTER III |
|------------|---|--------------|

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

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|--------------------------------|----------|----------|
| 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 |
|------------|--|----------------|

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 |

$$10 \times 1 = 10$$

$$05 \times 3 = 15$$

$$05 \times 5 = 25$$

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 |
|-------------------|-----------------------|---------------------|

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.

 16/5/20

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 2019-20)

| Course Code | Course Category | Course Name | L | T | P | Exam (h) | Max Marks | | | Credits |
|-----------------|-----------------|---|----|---|---|----------|-----------|-----|-------|---------|
| | | | | | | | CIA | ESE | Total | |
| Fourth Semester | | | | | | | | | | |
| 195BA1A4CA | Core | Management Accounting | 5 | 1 | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A4CA | Core | VB.NET | 5 | - | - | 3 | 25 | 75 | 100 | 3 |
| 195CI1A4CB | Core | Business Communication | 3 | - | - | 3 | 25 | 75 | 100 | 3 |
| 195CI1A4CC | Core | Data Base Management System | 4 | - | - | 3 | 25 | 75 | 100 | 3 |
| 195CI1A4CP | Core Practical | VB.NET and DBMS | - | - | 4 | 3 | 40 | 60 | 100 | 2 |
| 196BM1A4IA | IDC | Business Organization and Office Management | 4 | - | - | 3 | 25 | 75 | 100 | 4 |
| 195CI1A4GA | GE | | 2 | - | - | 3 | - | 50 | 50 | 2 |
| Part - IV | | | | | | | | | | |
| 191TL1A4AA | AECC - III | Basic Tamil | 2 | - | - | 3 | - | 50 | 50 | 2 |
| 191TL1A4AB | | Advanced Tamil | | | | | | | | |
| 192PY1A4AA | | General Awareness | | | | | | | | |
| Total | | | 25 | 1 | 4 | | | | 700 | 23 |


 29/11/2020
 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 2019-20)

| 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 |
|-------------------|------------------------------|--------------------|

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 |
|------------|--------|-------------|

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 |
|-------------------|-------------------------------|--------------------|

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 |
|------------|--|--------------------|

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 |
|------------|---------------------------------|-------------|

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 |
|-------------------|--|--------------------|

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.



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|-------------------|-------------------------------|--------------------|
| 195CI1A4GA | STOCK MARKET PRACTICES | SEMESTER IV |
|-------------------|-------------------------------|--------------------|

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.



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|------------|---|-------------|
| 191TL1A4AA | பகுதி - 4 : அடிப்படைத்தமிழ் - தாள் : II (Basic Tamil) | SEMESTER IV |
|------------|---|-------------|

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 |
|------------|---|---------------|

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 |
|-------------------|---------------------------------|--------------------|

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 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 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 |
|------------|----------------------|------------|

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 |
|------------|-----------------------------|------------|

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 |
|-------------------|------------------------------------|-------------------|

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, TIIC, 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 |
|------------|-----------------------------|------------|

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 |
|------------|--------------------------------|------------|

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 |
|------------|------------|------------|

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 |
|------------|------------------|------------|

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 |
|-------------------|---|-------------------|

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 |
|-------------------|-----------------------------|-------------------|

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 - unethical 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 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 |



| 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.2019-20)

| | | |
|------------|----------------------|-------------|
| 195CI1A6CA | FINANCIAL MANAGEMENT | SEMESTER VI |
|------------|----------------------|-------------|

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 |
|-------------------|---------------------|--------------------|

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 |
|------------|----------------|-------------|

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 |
|------------|---------------------------------|-------------|

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 |
|-------------------|--------------------|--------------------|

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 |
|-------------------|------------------------|--------------------|

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 |
|-------------------|--------------------------|--------------------|

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 |
|------------|--------------------------|-------------|

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 |
|------------|------------------|-------------|

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.



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| 195CI1A6SP | JAVA PROGRAMMING | SEMESTER VI |
|------------|------------------|-------------|

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 |
|------------|--------------------|-------------|

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)



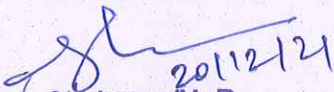
Text Book

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- 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>


 20/12/21
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B.Com. (IT) (Students admitted during the AY 2019-20)