

ANNEXURE-1



**BBA (REGULAR) DEGREE COURSE
(CBCS - SEMESTER SCHEME) 2019-20
COURSE MATRIX**

I SEMESTER – BBA

| Subjects | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits | |
|----------------------|--|-------------------|------------------|-------|------|-------|-----------|---|
| | | | | IA | Exam | Total | | |
| Part 1 Languages | Language I: Kannada / Sanskrit/ Urdu / Tamil / Telugu/Malayalam/ Additional English / Marathi /Hindi | 1.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language II: English | 1.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Financial Accounting | 1.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Principles of Management | 1.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Corporate Administration | 1.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Production and Operations Management | 1.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 | Business Skill Development Course(BSDC)* Industrial Visits | - | - | - | 100 | - | 100 | 2 |
| Part 4 | Foundation Course* | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC and EA* | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | 17 | |

(Note: Students will have to do community service during the vacation between First and Second semester.)

PART-3**BUSINESS SKILL DEVELOPMENT COURSE (BSDC)*INDUSTRIAL VISITS****Objectives**

- To make students aware of Industrial Process and Practices
- To make students understand the Flow of Operations in an Organization

Guidelines to the Institution

- The BBA department of the college shall organize visit to two business establishments (Manufacturing /Financial/ Banking/Service establishment), in the first semester for the students.
- The students will have to record the learning from visiting these organization in a record book.
- For every organizational visit, information captured shall include -Profile of the organization consisting of Vision and Mission, Board of Directors, Department details, HR details, Manufacturing Process, Organization Structure, Turnover, Capital, No. of branches, Products/Services Marketed and so on.

Marks Allocation

- Each visit should be documented in a practical record book, the BBA department to award 30 marks per visit, the total of which comes to 60 Marks (30 marks X 2).
- Viva-Voce shall be conducted at the end of the semester, by the external faculty, from among the panel of examiners and identified by the College, for 40 Marks (20 + 20 marks), to assess the learning outcome of the two visits.
- After assessment, marks scored by the candidate to be sent to BCU along with IA Marks.

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II SEMESTER – BBA

| Subjects | | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits |
|----------------------|---|-------|-------------------|------------------|-------|------|-------|-----------|
| | | | | | IA | Exam | Total | |
| Part 1 Languages | Language I: Kannada / Sanskrit/ Urdu / Tamil / Telugu/Malayalam/ Additional English / Marathi /Hindi | 2.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language II: English | 2.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Corporate Accounting | 2.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Quantitative Analysis | 2.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Organizational Behavior | 2.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Marketing Management | 2.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 | Business Skill Development Course(BSDC)* Community Service | - | - | - | 100 | - | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC and EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 17 |

PART 3 BUSINESS SKILL DEVELOPMENT COURSE (BSDC)*

COMMUNITY SERVICE

Objectives:

- To sensitize the students towards community service
- To enable students to learn about social entrepreneurship

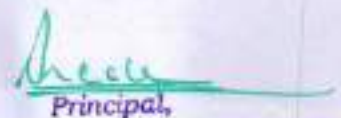
Guidelines to the institution:

- Each student will have to work in a Social /Charitable Trust/NGO / Red Cross Society/ or any other social service organization / association for THREE WEEKS during the vacation (after the first semester exam).
- The entire batch of students to be divided equally among the BBA department faculty members. The faculty members to help students in the process of community service and preparation of the Community Service report.
- The students to submit the Certificate of Community Service issued by the organization to the college along with a brief report of not less than 30 pages during the second semester.
- The report should contain a brief profile of the organization, nature of service provided by them, a write up on the learning outcome of the student from the community service carried out by them.

Marks Allocation:

The marks for community service is to be allocated as follows:

- 50 marks for the service + 30 marks for the report + 20 marks for the viva-voce exam. Viva-Voce exam shall be conducted at the end of the semester, by the panel of internal faculty identified by the department and approved by the Principal. The Institution shall send the marks scored by the candidate to BCU along with IA Marks scored by them in the II Semester.


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III SEMESTER – BBA

| Subjects | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits | |
|----------------------|--|-------------------|------------------|-------|------|-------|---------|-----------|
| | | | | IA | Exam | Total | | |
| Part 1 Languages | Language I: Kannada / Sanskrit/ Urdu / Tamil / Telugu/Malayalam/ Additional English / Marathi /Hindi | 3.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Corporate Communication Skills -I | 3.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Cost Accounting | 3.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Human Resource Management | 3.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Financial Markets and Services | 3.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Business Data Analysis | 3.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Corporate Financial Management | 3.7 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 | Business Skill Development Course (BSDC)* Case Study Analysis | - | - | - | 100 | - | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC and EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 19 |

PART 3

BUSINESS SKILL DEVELOPMENT COURSE (BSDC)*CASE STUDY ANALYSIS

Objectives:

- To develop thinking and analytical skills
- To develop managerial skills

Guidelines to the Institution:

1. Case Study Analysis Record Book should be prepared by the student during the third semester.
2. Five cases relating to subjects studied in the first three semesters have to be analyzed and recorded in the Case Study Analysis Record Book.
3. Students should submit Record Book 15 days before the completion of the third semester for which the marks shall be awarded by the BBA Department of the college.

Marks Allocation:

- 100 marks for Case Study Analysis Record Book for FIVE cases analyzed by the students (5 X 20 = 100 marks)
 - 15 X 5 = 75 for case study analysis report
 - 5 X 5 = 25 for presentation and Viva-Voce examination
 - Viva-Voce shall be conducted at the end of the semester, by the external faculty, from among the panel of examiners and identified by the College.
- These marks should be sent to BCU along with IA marks at the end of the third semester.


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IV SEMESTER – BBA

| Subjects | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits | |
|----------------------|--|-------------------|------------------|-------|------|-------|---------|-----------|
| | | | | IA | Exam | Total | | |
| Part 1 Languages | Language I: Kannada / Sanskrit/ Urdu / Tamil / Telugu/Malayalam/ Additional English / Marathi /Hindi | 4.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Corporate Communication Skills -II | 4.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Business Research Methods | 4.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Banking Law and Operations | 4.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Entrepreneurship Development | 4.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Management Accounting | 4.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Customer Relationship Management | 4.7 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 | Business Skill Development Course(BSDC)* Preparation of Business Plan for Start Ups | - | - | - | 100 | - | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC and EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 19 |

(Note: Students shall conduct a Field Study in the area of business, during the vacation between Fourth and Fifth semester. The respective guideline for Field Study is provided under the Fifth Semester Course Matrix. Related marks will be awarded in the Fifth Semester)

PART 3

BUSINESS SKILL DEVELOPMENT COURSE (BSDC)* PREPARATION OF BUSINESS PLAN FOR START-UPS

Objectives:

- To provide exposure for Start-ups and New Age Business Models.
- To develop entrepreneurial mindset among students.

Guidelines to the institution:

1. Each student shall prepare hypothetical/imaginary entrepreneurship project report by indicating products/services that will be produced, marketed, key resources that will be used, customer segment that will be targeted to, the investment that will be required, funds that will be raised, cost which will be incurred, turnover that will be achieved and profit that will be attained from the business.
2. Entrepreneurship Project Record Book should be submitted to the college 15 days before completion of the Fourth Semester.

Marks allocation:

- 75 marks for Business Plan Report and 25 marks for Presentation & Viva-Voce examination.
- Viva-Voce examination shall be conducted at the end of the semester, by the external faculty, from among the panel of examiners and identified by the College.
- These marks should be sent to the University along with IA marks at the end of the **Fourth semester**.


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V SEMESTER – BBA

| Subjects | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits | |
|----------------------|--|-------------------|------------------|-------|------|-------|---------|-----------|
| | | | | IA | Exam | Total | | |
| Part 2 Optional | Income Tax - I | 5.1 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Business Regulations | 5.2 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Indirect Taxes | 5.3 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Information Technology for Business – I | 5.4 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Elective 1 | 5.5 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Elective 2 | 5.6 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 3 | Business Skill Development Course(BSDC)* A. Field Study | - | - | - | 100 | - | 100 | 2 |
| | B. Skill Enhancement Course (SEC)** Employability Skills Training (Aptitude and GD Training) | - | 2 | - | 100 | - | 100 | 2 |
| Part 4 | Ability Enhancement Compulsory Course (AECC) | - | 3 | 2 | 30 | 70 | 100 | 2 |
| Total Credits | | | | | | | | 24 |

(Note: Students will have to undergo Internship with any Business Organization during the vacation between Fifth and Sixth semester.)

PART 3A

BUSINESS SKILL DEVELOPMENT COURSE (BSDC) *FIELD STUDY

Objectives:

- To enhance the classroom learning
- To support the students in contextual and experiential learning

Guidelines to the institution:

1. Every student should have taken up field study during the vacation between fourth and fifth semester in the area of Marketing/Human Resource Management/Business Development/Finance/Entrepreneurship or any other aspect of business organization, for example:

- a. Market survey for a product or service
- b. A study on problems and challenges of small entrepreneurs
- c. A study on awareness about various banking services
- d. Student satisfaction survey about the quality of education
- e. Employee satisfaction survey
- f. Any other aspect related to business that can be covered under field study.

2. The Field Study report should essentially include:

- a. Introduction
- b. Design of the Study
- c. Analysis
- d. Findings and Conclusions.

3. The faculty members shall guide the students in field study process and preparation of the report.


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VI SEMESTER - BBA

| Subjects | Paper | Instruction Hours | Duration of Exam | Marks | | | Credits | |
|----------------------|--|-------------------|------------------|-------|------|-------|---------|-----------|
| | | | | IA | Exam | Total | | |
| Part 2 Optional | Income Tax - II | 6.1 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Strategic Management | 6.2 | 4 | 3 | 30 | 70 | 100 | 3 |
| | International Business | 6.3 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Information Technology for Business – II | 6.4 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Elective 3 | 6.5 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Elective 4 | 6.6 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 3 | Business Skill Development Course(BSDC)* A. Internship with Business Organisation | - | - | - | 100 | - | 100 | 2 |
| | B. Skill Enhancement Course (SEC)** Placement Training | - | 2 | - | 100 | - | 100 | 2 |
| Part 4 | Ability Enhancement Compulsory Course (AECC) | - | 3 | 2 | 30 | 70 | 100 | 2 |
| Total Credits | | | | | | | | 24 |

PART 3

BUSINESS SKILL DEVELOPMENT COURSE (BSDC)*

A. INTERNSHIP WITH BUSINESS ORGANIZATIONS

Objectives:

- To enhance the classroom learning
- To provide training and experiential learning opportunities for students
- To provide an opportunity to apply knowledge and skills acquired by the students in the classroom to professional context

Guidelines to the institution:

- Each student will have to work in a Business Organization for three weeks during the vacation between fifth and sixth semester.
- The entire batch of students to be divided equally among the department faculty members. The faculty members should be the mentors and guide the students in internship process.
- The students must submit the Certificate for completion of internship by the organization to the college along with a brief report of not less than 25 pages. The report to contain a brief detail of the organization, nature of business, a write up on the learning outcome from the internship carried out by them.

Marks Allocation:

- 75 marks for the Internship Report and 25 marks for Presentation and Viva-Voce examination.
- Viva-Voce shall be conducted at the end of the semester, by the external faculty, from among the panel of examiners and identified by the College.
- The Institution should send the marks to the University along with IA Marks scored by them in the VI Semester.


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**B.COM (REGULAR) DEGREE
(CBCS -SEMESTER SCHEME) – 2019-20
COURSE MATRIX**

I SEMESTER

| | Subjects | Paper | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-------|-----------------------|-------------------------|-------|-----------|-------|-----------|
| | | | | | IA | Unl. Exam | Total | |
| Part 1 Languages | Language - I: Kannada/Sanskrit/Urdu/Tamil/ Telugu/Malayalam/Additional English / Marathi/ Hindi | 1.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language – II : English | 1.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Financial Accounting | 1.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Business Dynamics & Entrepreneurship | 1.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Indian Financial Institutions & Markets | 1.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Corporate Structure & Administration | 1.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 Practicals | Practicals on Skill Development* | 1.7 | 2* | 2 | 50** | 50** | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC & EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 17 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college).University examination shall be conducted with a separate Question Paper.

II SEMESTER

| | Subjects | Paper | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-------|-----------------------|-------------------------|-------|----------|-------|-----------|
| | | | | | IA | Uni. Ex. | Total | |
| Part 1 Languages | Language - I: Kannada/Sanskrit/Urdu/Tamil/ Telugu/Malayalam/Additional English / Marathi/ Hindi | 2.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language – II : English | 2.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Advanced Financial Accounting | 2.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Banking Operations & Innovations | 2.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Modern Marketing | 2.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Methods & Techniques for Business Data Analysis | 2.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 Practicals | Practicals on Skill Development* | 2.7 | 2* | 2 | 50** | 50** | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC & EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 17 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college). University examination shall be conducted with a separate Question Paper.


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III SEMESTER

| | Subjects | Paper | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-------|-----------------------|-------------------------|-------|-----------|-------|-----------|
| | | | | | IA | Uni. Exam | Total | |
| Part 1 Language | Language: I Kannada/Sanskrit/Urdu/Tamil/ Telugu/Malayalam/Additional English / Marathi/ Hindi | 3.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language – II: English | 3.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Corporate Accounting | 3.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Financial Management | 3.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Business Regulations | 3.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Business Data Analysis | 3.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 Practicals | Practicals on Skill Development* | 3.7 | 2* | 2 | 50** | 50** | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC & EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 17 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college). University examination shall be conducted with a separate Question Paper.

INSTRUCTION: During the beginning of III Semester students should be assigned Community Service and it shall be monitored by the Mentors. Maximum 20 Students shall be allotted to each Mentor. In addition to Commerce & Management Faculty, Faculty from Languages including English, Additional Subjects, Librarian, and Physical Education Director shall also be appointed as Mentors. The Community Service may be carried out in any type of Non-Profit Service Organization's such as, Panchayat Raj Institutions, Public Hospital, Old Age Homes, Orphanage Houses, Sports clubs, Women's organizations, Neighbourhood organizations, Religious or Educational organizations, Red Cross, Lions Club, Rotary Clubs, Youth Service Associations, Or in any other social service organization. Minimum of 15 days Field Service shall be ensured. The Report on Community Service shall be submitted within 45 days of commencement of V semester. The Report shall consist of Organisation's Profile, Nature of Service & Experience of the student, along with Certificate from the Organisation in about 20 pages. The related Marks & Credit will be awarded in the V Semester.


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IV SEMESTER

| | Subjects | Paper | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-------|-----------------------|-------------------------|-------|-----------|-------|-----------|
| | | | | | IA | Uni. Exam | Total | |
| Part 1 Language | Language - I: Kannada/Sanskrit/Urdu/Tamil/ Telugu/Malayalam/Additional English / Marathi/ Hindi | 4.1 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Language - II: English | 4.2 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 2 Optional | Advanced Corporate Accounting | 4.3 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Goods & Services Tax | 4.4 | 4 | 3 | 30 | 70 | 100 | 2 |
| | Cost Accounting | 4.5 | 4 | 3 | 30 | 70 | 100 | 2 |
| | E – Business & Accounting | 4.6 | 4 | 3 | 30 | 70 | 100 | 2 |
| Part 3 Practicals | Practicals on Skill Development* | 4.7 | 2* | 2 | 50** | 50** | 100 | 2 |
| Part 4 | Foundation Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| | CC & EA | - | - | - | 50 | - | 50 | 1 |
| Total Credits | | | | | | | | 17 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college). University examination shall be conducted with a separate Question Paper.

INSTRUCTION: During the beginning of IV Semester, students should be assigned INTERNSHIPS and it shall be monitored by the Mentors. Faculty from Commerce Department shall only be appointed as Mentors. Internship may be undertaken in any type of Tiny / Micro / Small / Medium / Large, Manufacturing / Trading / Service Organisations. Maximum 25 Students shall be allotted to each Mentor. Minimum of THREE weeks of internship shall be undergone by the student and the Internship Certificate from the Organisation shall be enclosed with the report. The Report shall consist of Organisations Profile, Nature of Work undertaken by the student, Experience & Response of the student in about 25 pages. The Report on Internship shall be submitted within 45 days of commencement of VI semester. The related Marks & Credit will be awarded in the VI Semester.


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V SEMESTER

| | Subjects | Paper No. | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-----------|-----------------------|-------------------------|-------|-----------|-------|-----------|
| | | | | | IA | Uni. Exam | Total | |
| Part 1 Optional | Income Tax -I | 5.1 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Auditing & Corporate Governance | 5.2 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 2 Elective | ELECTIVE PAPER – 5.3 (From First Elective Group) | 5.3 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 5.4 (From First Elective Group) | 5.4 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 5.3 (From Second Elective Group) | 5.5 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 5.4 (From Second Elective Group) | 5.6 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 3 Practicals | Practicals on Skill Development* | 5.7 | 2* | 2 | 50** | 50** | 100 | 3 |
| Part 4 | SDC/SEC: Community Service | - | - | - | 100 | - | 100 | 3 |
| | Ability Enhancement Compulsory Course | | 3 | 2 | 30 | 70 | 100 | 2 |
| Total Credits | | | | | | | | 26 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college).University examination shall be conducted with a separate Question Paper.

INSTRUCTION: Dual Elective System shall be followed. Student shall have to opt any Two Elective Groups (2 +2 = 4 papers).


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VI SEMESTER

| | Subjects | Paper | Instruction hrs./week | Duration of Exam (hrs.) | Marks | | | Credits |
|----------------------|--|-------|-----------------------|-------------------------|-------|-----------|-------|-----------|
| | | | | | IA | Uni. Exam | Total | |
| Part 1 Optional | Income Tax – II | 6.1 | 4 | 3 | 30 | 70 | 100 | 3 |
| | Indian Accounting Standards and IFRS | 6.2 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 2 Elective | ELECTIVE PAPER – 6.3 (From First Elective Group) | 6.3 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 6.4 (From First Elective Group) | 6.4 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 6.3 (From Second Elective Group) | 6.5 | 4 | 3 | 30 | 70 | 100 | 3 |
| | ELECTIVE PAPER – 6.4 (From Second Elective Group) | 6.6 | 4 | 3 | 30 | 70 | 100 | 3 |
| Part 3 Practicals | Practicals on Skill Development* | 6.7 | 2* | 2 | 50** | 50** | 100 | 3 |
| Part 4 | SDC/SEC: Internship Programme | - | - | - | 100 | - | 100 | 3 |
| | Ability Enhancement Compulsory Course | - | 3 | 2 | 30 | 70 | 100 | 2 |
| Total Credits | | | | | | | | 26 |

* One hour of Practical Class is equal to One hour of Theory Class and the class shall be managed by a Single teacher. Practical classes may be conducted in the Business Lab. or in Computer Lab. or in the Class Room depending on the requirement. Senior / Experienced / Concerned Subject Teachers may be allotted the practical work load.

** IA marks shall be awarded on the basis of Practical Records submitted by the student and on the basis of internal assessment test- 30 marks for practical record book + 10 marks for attendance +10 marks for test. (Practical Record Books shall be preferably evaluated by a teacher other than the concerned teacher within the department/college). University examination shall be conducted with a separate Question Paper.

INSTRUCTION: Student shall have to continue with the SAME Elective Groups opted in the V Semester (2 + 2 = 4 papers).


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ELECTIVE GROUPS

ACCOUNTING GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|--|
| V | AC. 5.3 | Advanced Accounting |
| | AC.5.4 | Methods & Techniques of Cost Accounting |
| VI | AC.6.3 | Management Accounting |
| | AC.6.4 | Accounting for Government & Local Bodies |

FINANCE GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|--|
| V | FN.5.3 | Advanced Financial Management |
| | FN.5.4 | Financial Services |
| VI | FN.6.3 | International Finance |
| | FN.6.4 | Security Analysis & Portfolio Management |

MARKETING GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|--------------------------------------|
| V | MK 5.3 | Consumer Behaviour & Market Research |
| | MK 5.4 | Digital Marketing |
| VI | MK 6.3 | Customer Relationship Marketing |
| | MK 6.4 | Logistic & Supply Chain Management |

HUMAN RESOURCE GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|-------------------------------------|
| V | HR.5.3 | Employee Welfare & Social Security |
| | HR.5.4 | Strategic Human Resource Management |
| VI | HR.6.3 | Organizational Change & Development |
| | HR.6.4 | Compensation Management |

BANKING GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|---------------------------------|
| V | BK 5.3 | Regulatory Framework of Banking |
| | BK 5.4 | Marketing of Banking Products |
| VI | BK 6.3 | E-Banking |
| | BK 6.4 | Treasury & Forex Management |


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INFORMATION SYSTEMS GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|------------------------------|
| V | IS 5.3 | ICT Applications in Business |
| | IS 5.4 | Accounting Software |
| VI | IS 6.3 | Cyber Law |
| | IS 6.4 | DBMS & SQL |

INTERNATIONAL FINANCE GROUP

| Semester No. | Paper Code | Title of the Paper |
|--------------|------------|------------------------------------|
| V | IF 5.3 | International Financial Management |
| | IF 5.4 | Financial Performance Management |
| VI | IF 6.3 | International Auditing & Assurance |
| | IF 6.4 | Strategic Business Reporting |

1. FOUNDATION COURSE / SKILL DEVELOPMENT / SKILL ENHANCEMENT COURSE (SEC) / ABILITY ENHANCEMENT COMPULSORY COURSE (AECC) / INTERDISCIPLINARY COURSES

❖ Common for all programmes, MCQ type of question paper shall be used, use of modern teaching aids and supply of study material is recommended.

- Constitution of Indian and Human Rights
- Environmental Science
- Computer Applications and Information Technology
- Business Entrepreneurship and Management
- Philosophy, Psychology and Life Skills
- Personality Development and Leadership
- Culture, Diversity and Society
- Research Methodology
- Education and Literacy / Science and Society
- Human Resource Development / Management
- Any one Foreign Language
- Commodity & Stock Market
- Mathematics in finance.
- Any other Course prescribed by the University from time to time

2. CO-CURRICULAR AND EXTENSION ACTIVITIES (CC& EA)

A student shall opt for any one of the following activities in the first four semesters offered in the college

- N.S.S / N.C.C./Rotary Activities / Rovers and Rangers
- Sports and Games / Activities related to Yoga
- A Small project work concerning the achievements of Indian in different fields
- Evolution of study groups/seminar circles on Indian thoughts and ideas
- Interaction with local communities in their neighborhood and learn about and from them
- Exploring different aspects of Indian civilizations
- Any other Co- curricular and Extra-curricular activities leading to Student Development as prescribed by the University.

Evaluation of Co-curricular and Extra Curricular Activities as per the procedure evolved by the University from time to time.

Structure of B.Sc. / B.Sc.(Hons.) – Mathematics papers

| Subjects | Paper | Instruction hrs/week | Duration of Exam(hrs) | Marks | | | Credits |
|--|--------|----------------------|-----------------------|-------|------|-------|---------|
| | | | | IA | Exam | Total | |
| I Semester | | | | | | | |
| Mathematics paper with practicals of 3credits | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| II Semester | | | | | | | |
| Mathematics paper with practicals of 3credits | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| III Semester | | | | | | | |
| Mathematics paper with practicals of 3credits | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| IV Semester | | | | | | | |
| Mathematics paper with practicals of 3credits | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| V Semester | | | | | | | |
| Two Mathematics papers with practicals of 3 credits each | Theory | 3 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| | Theory | 3 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| VI Semester | | | | | | | |
| Two Mathematics papers with practicals of 3 credits each | Theory | 3 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |
| | Theory | 3 | 3 | 30 | 70 | 100 | 2 |
| | Prac. | 3 | 3 | 15 | 35 | 50 | 1 |

Note: The structure of the syllabus of mathematics paper of B. Sc. (Hons.) is included in the structure of M.Sc. (Mathematics) syllabus.



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APPENDIX "A"

M.Com (MASTER OF COMMERCE) - COURSE MATRIX**I SEMESTER M.Com (MASTER OF COMMERCE)**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|------------------------------------|--|----------------------|------------------------|-------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 1.1 | Monetary System | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.2 | International Business | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.3 | Macro Economics for Business Decisions | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.4 | Information Systems and Computers | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.5 | Advanced Financial Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.6 | Human Resource Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 1.7 | SOFT CORE Communication Skills | 3 | 3 | 30 | 70 | 100 | 2 |
| I SEMESTER TOTAL OF CREDITS | | | | | | | 26 |

II SEMESTER M.Com (MASTER OF COMMERCE)

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|-------------------------------------|---|----------------------|------------------------|-------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 2.1 | Indian Banking | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.2 | Risk Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.3 | Advanced E - Commerce & Mobile Commerce | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.4 | Business Research Methods | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.5 | Operations Research & Quantitative Techniques | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.6 | Business Marketing | 4 | 3 | 30 | 70 | 100 | 4 |
| 2.7 | SOFT CORE Micro Finance | 3 | 3 | 30 | 70 | 100 | 2 |
| II SEMESTER TOTAL OF CREDITS | | | | | | | 26 |



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**M.Com (MASTER OF COMMERCE)
- I ACCOUNTING & TAXATION**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|--------------------------------------|---|----------------------|------------------------|-------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 3.1 | Common Paper Business Ethics & Corporate Governance | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.2 | Corporate Financial Reporting | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.3 | Accounting for Managerial Decision | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.4 | Strategic Cost Management - I | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.5 | Direct Taxes & Planning | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.6 | Open Elective | 4 | 3 | 30 | 70 | 100 | 4 |
| III SEMESTER TOTAL OF CREDITS | | | | | | | 24 |

**III SEMESTER M.Com (MASTER OF COMMERCE)
ELECTIVE - II FINANCE AND BANKING**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|--------------------------------------|---|----------------------|------------------------|-------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 3.1 | Common Paper Business Ethics & Corporate Governance | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.2 | Financial Markets | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.3 | Financial Services | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.4 | Security Analysis | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.5 | Portfolio Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.6 | Open Elective | 4 | 3 | 30 | 70 | 100 | 4 |
| III SEMESTER TOTAL OF CREDITS | | | | | | | 24 |

**III SEMESTER M.Com (MASTER OF COMMERCE)
ELECTIVE - III SYSTEM MANAGEMENT**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|--------------------------------------|---|----------------------|------------------------|-------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 3.1 | Common Paper Business Ethics & Corporate Governance | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.2 | Relational Database Management Systems | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.3 | Data Communications and Networking | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.4 | Enterprise Resource Planning | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.5 | Systems Analysis and Design | 4 | 3 | 30 | 70 | 100 | 4 |
| 3.6 | Open Elective | 4 | 3 | 30 | 70 | 100 | 4 |
| III SEMESTER TOTAL OF CREDITS | | | | | | | 24 |


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**M.Com (MASTER OF COMMERCE)
- I ACCOUNTING & TAXATION**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|-------------------------------------|--|----------------------|------------------------|----------------------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 4.1 | Common Paper Commodity Market | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.2 | Corporate reporting practices and Ind AS | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.3 | Strategic Cost Management - II | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.4 | Goods and Service Taxes | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.5 | Dissertation | 8 | -- | Visa - Vace 50 | 150 | 200 | 8 |
| IV SEMESTER TOTAL OF CREDITS | | | | | | | 24 |

**IV SEMESTER M.Com (MASTER OF COMMERCE)
ELECTIVE - II FINANCE AND BANKING**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|-------------------------------------|--|----------------------|------------------------|----------------------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 4.1 | Common Paper Commodity Markets | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.2 | Forex Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.3 | International Financial Institutions & Markets | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.4 | Banking Operations and Management | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.5 | Dissertation | 8 | -- | Visa - Vace 50 | 150 | 200 | 8 |
| IV SEMESTER TOTAL OF CREDITS | | | | | | | 24 |

**IV SEMESTER M.Com (MASTER OF COMMERCE)
ELECTIVE - III SYSTEM MANAGEMENT**

| Paper | Subjects | Instruction Hrs/Week | Duration of Exam (Hrs) | Marks | | | Credits |
|-------------------------------------|--|----------------------|------------------------|----------------------|------|-------|-----------|
| | | | | IA | Exam | Total | |
| 4.1 | Common Paper Commodity Markets | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.2 | Artificial Intelligence | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.3 | Distributed Computing and Applications | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.4 | Data Mining and Data Warehousing | 4 | 3 | 30 | 70 | 100 | 4 |
| 4.5 | Dissertation | 8 | 3 | Visa - Vace 50 | 150 | 200 | 8 |
| IV SEMESTER TOTAL OF CREDITS | | | | | | | 24 |

OPEN ELECTIVE

- a. Income Tax
- b. Finance and Banking

ELECTIVE PAPERS:

- I. ACCOUNTING & TAXATION
- II. FINANCE & BANKING
- III. SYSTEM MANAGEMENT


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**BENGALURU CENTRAL UNIVERSITY
BACHELOR OF COMPUTER APPLICATIONS,
SYLLABUS (2019-20 ONWARDS)**

Title of Papers and Scheme of Study & Examination for BCA, Under Choice Based Credit
System - Semester System (Revised w.e.f. 2019-2020)

| Sem | Part | Paper Code | Title of Paper | Hours/ Week | Marks | | | Credits | |
|-----|--------|------------|------------------------------------|-------------|-------|------|-------|---------|----------|
| | | | | | IA | Exam | Total | Subject | Semester |
| I | Part 1 | BCA 101T | Indian Language | 4 | 30 | 70 | 100 | 2 | 16 |
| | | BCA 102T | English | 4 | 30 | 70 | 100 | 2 | |
| | Part 2 | BCA 103T | Problem Solving Techniques using C | 4 | 30 | 70 | 100 | 2 | |
| | | BCA 104T | Computer Organizations | 4 | 30 | 70 | 100 | 2 | |
| | | BCA 105T | Discrete Mathematics | 5 | 50 | 100 | 150 | 3 | |
| | | BCA 103P | C Programming Lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA 104P | Office Automation | 3 | 15 | 35 | 50 | 1 | |
| | Part 3 | | Foundation Course | 3 | 30 | 70 | 100 | 2 | |
| | | | CC & EC | | 50 | | 50 | 1 | |
| II | Part 1 | BCA20 1T | Indian Language | 4 | 30 | 70 | 100 | 2 | 16 |
| | | BCA20 2T | English | 4 | 30 | 70 | 100 | 2 | |
| | Part 2 | BCA20 3T | Data Structures | 4 | 30 | 70 | 100 | 2 | |
| | | BCA20 4T | Database Management System | 4 | 30 | 70 | 100 | 2 | |
| | | BCA20 5T | Numerical and Statistical Methods | 5 | 50 | 100 | 150 | 3 | |
| | | BCA20 3P | Data Structures using C lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA20 4P | DBMS Lab Using Oracle | 3 | 15 | 35 | 50 | 1 | |


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| Sem | Part | Paper Code | Title of Paper | Hours/Week | Marks | | | Credits | |
|----------|--------|------------|---------------------------------------|-----------------|-------|------|-------|---------|----------|
| | | | | | IA | Exam | Total | Subject | Semester |
| | Part 3 | | Foundation Course | 3 | 30 | 70 | 100 | 2 | |
| | | | CC & EC | | 50 | | 50 | 1 | |
| III | Part 1 | BCA3 01T | Indian Language | 4 | 30 | 70 | 100 | 2 | 16 |
| | | BCA3 02T | English | 4 | 30 | 70 | 100 | 2 | |
| | Part 2 | BCA3 03T | Object oriented Programming using C++ | 4 | 30 | 70 | 100 | 2 | |
| | | BCA3 04T | Financial Accounting and Management | 4 | 30 | 70 | 100 | 2 | |
| | | BCA3 05T | Operating System | 5 | 50 | 100 | 150 | 3 | |
| | | BCA3 03P | OOPS Using C++ Lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA3 04P | Tally Lab | 3 | 15 | 35 | 50 | 1 | |
| | Part 3 | | Foundation Course | 3 | 30 | 70 | 100 | 2 | |
| | | | CC & EC | | 50 | | 50 | 1 | |
| | IV | Part 1 | BCA4 01T | Indian Language | 4 | 30 | 70 | 100 | |
| BCA4 02T | | | English | 4 | 30 | 70 | 100 | 2 | |
| Part 2 | | BCA4 03T | VB.NET Programming | 4 | 30 | 70 | 100 | 2 | |
| | | BCA4 04T | Unix and Shell Programming | 4 | 30 | 70 | 100 | 2 | |
| | | BCA4 05T | Software Engineering | 5 | 50 | 100 | 150 | 3 | |
| | | BCA4 03P | VB.NET Lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA4 04P | Unix Lab | 3 | 15 | 35 | 50 | 1 | |
| Part 3 | | | Skill Development | 3 | 30 | 70 | 100 | 2 | |
| | | CC & EC | | 50 | | 50 | 1 | | |

| Sem | Part | Paper Code | Title of Paper | Hours/Week | Marks | | | Credits | |
|---------|--------|------------|---|--------------------|-------|------|-------|---------|----------|
| | | | | | IA | Exam | Total | Subject | Semester |
| V | Part 2 | BCA501T | Data Communication and Networks | 5 | 50 | 100 | 150 | 3 | 20 |
| | | BCA502T | Artificial Intelligence | 5 | 50 | 100 | 150 | 3 | |
| | | BCA503T | Java Programming | 4 | 30 | 70 | 100 | 2 | |
| | | BCA504T | Analysis and Design of Algorithm | 4 | 30 | 70 | 100 | 2 | |
| | | BCA505T | Elective 1 | 5 | 50 | 100 | 150 | 3 | |
| | | BCA503P | Java Programming Lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA504P | Analysis and Design of Algorithm Lab | 3 | 15 | 35 | 50 | 1 | |
| | | BCA506P | Project | 6 | 50 | 100 | 150 | 3 | |
| | Part 3 | | Skill Development Course | 3 | 30 | 70 | 100 | 2 | |
| | VI | Part 2 | BCA601T | System Programming | 5 | 50 | 100 | 150 | |
| BCA602T | | | Professional and Business Communication | 5 | 50 | 100 | 150 | 3 | |
| BCA603T | | | WEB Programming | 4 | 30 | 70 | 100 | 2 | |
| BCA604T | | | Elective 2 | 5 | 50 | 100 | 150 | 3 | |
| BCA605T | | | WEB Programming Lab | 3 | 15 | 35 | 50 | 1 | |
| BCA605P | | | Project Work | 12 | 100 | 200 | 300 | 6 | |
| Part 3 | | | Skill Development Course | 3 | 30 | 70 | 100 | 2 | |

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21. COURSE MATRIX

| SUBJECTS | PAPER | INSTRUCTION HRS/WEEK | DURATION OF EXAM(HRS) | MARKS | | | CREDITS |
|---|-------|-------------------------|-----------------------------|-------|------|-------|-----------|
| | | | | IA | EXAM | TOTAL | |
| A) I SEMESTER | | | | | | | |
| CORE SUBJECTS: 1.1 ECONOMICS FOR MANAGERS 1.2 ORGANIZATIONAL BEHAVIOUR 1.3 ACCOUNTING FOR MANAGERS 1.4 STATISTICS FOR MANAGEMENT 1.5 MARKETING FOR CUSTOMER VALUE 1.6 BUSINESS AND INDUSTRY | 6T | 6X4 | 6X3 | 6X30 | 6X70 | 6X100 | 6X4 |
| SOFT CORE: 1.7 COMMUNICATION SKILLS | 1T | 1X2 | 1X3 | 1X30 | 1X70 | 1X100 | 1X2 |
| TOTAL CREDITS | | | | | | | 26 |

| SUBJECTS | PAPER | INSTRUCTION HRS/WEEK | DURATION OF EXAM(HRS) | MARKS | | | CREDITS |
|--|-------|-------------------------|-----------------------------|-------|------|-------|-----------|
| | | | | IA | EXAM | TOTAL | |
| B) II SEMESTER | | | | | | | |
| CORE SUBJECTS: 2.1 TECHNOLOGY FOR MANAGEMENT 2.2 MANAGERIAL RESEARCH METHODS 2.3 ENTREPRENEURSHIP AND ETHICS 2.4 HUMAN CAPITAL MANAGEMENT 2.5 FINANCIAL MANAGEMENT 2.6 QUANTITATIVE TECHNIQUES AND OPERATIONS RESEARCH | 6T | 6X4 | 6X3 | 6X30 | 6X70 | 6X100 | 6X4 |
| SOFT CORE: 2.7 INNOVATION MANAGEMENT | 1T | 1X2 | 1X3 | 1X30 | 1X70 | 1X100 | 1X2 |
| TOTAL CREDITS | | | | | | | 26 |


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| SUBJECTS | PAPER | INSTRUCTION HRS/WEEK | DURATION OF EXAM(HRS) | MARKS | | | CREDITS |
|--|-------|-------------------------|-----------------------------|-------|------|-------|-----------|
| | | | | IA | EXAM | TOTAL | |
| C) III SEMESTER | | | | | | | |
| CORE SUBJECTS: 3.1 STRATEGIC MANAGEMENT & CORPORATE GOVERNANCE 3.2 PROJECTS AND OPERATIONS MANAGEMENT ELECTIVE SUBJECTS 3.3 FINANCE 3.4 MARKETING 3.5 HUMAN RESOURCES 3.6 HEALTH CARE MANAGEMENT 3.7 BANKING FINANCE AND INSURANCE SERVICES MANAGEMENT (BFIS) 3.8 STARTUPS AND SMES MANAGEMENT THREE ELECTIVES IN SPECIALIZATION STREAMS | 5T | 5X4 | 5X3 | 5X30 | 5X70 | 5X100 | 5X4 |
| 3.9 OPEN ELECTIVE: | 1T | 1X3 | 1X3 | 1X30 | 1X70 | 1X100 | 1X3 |
| 3.10 PROJECT WORK FOR 4 WEEKS | | | | 1X50 | - | 1X50 | 1X3 |
| TOTAL CREDITS | | | | | | | 26 |


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ELECTIVES UNDER SPECIALIZATION STREAMS


| III SEMESTER | IV SEMESTER |
|--|---|
| 3.3 FINANCE | 4.2 FINANCE |
| 3.3.1 INDIAN FINANCIAL SYSTEM | 4.2.1 INVESTMENT ANALYSIS AND MANAGEMENT |
| 3.3.2 CORPORATE TAX PLANNING AND MANAGEMENT | 4.2.2 INTERNATIONAL FINANCIAL MANAGEMENT |
| 3.3.3 CORPORATE VALUATION AND RESTRUCTURING | 4.2.3 RISK MANAGEMENT AND DERIVATIVES |
| 3.4 MARKETING | 4.3 MARKETING |
| 3.4.1 RETAILING MANAGEMENT AND SERVICES | 4.3.1 STRATEGIC BRAND MANAGEMENT |
| 3.4.2 CONSUMER BEHAVIOR | 4.3.2 INTERNATIONAL MARKETING STRATEGY |
| 3.4.3 RURAL AND AGRICULTURAL MARKETING | 4.3.3 DIGITAL MARKETING |
| 3.5 HUMAN RESOURCES | 4.4 HUMAN RESOURCES |
| 3.5.1 LEARNING AND DEVELOPMENT | 4.4.1 STRATEGIC HRM |
| 3.5.2 INDUSTRIAL AND EMPLOYEE RELATIONS | 4.4.2 INTERNATIONAL HRM |
| 3.5.3 PERFORMANCE MANAGEMENT SYSTEM | 4.4.3 TALENT AND KNOWLEDGE MANAGEMENT |
| 3.6 HEALTH CARE MANAGEMENT | 4.5 HEALTH CARE MANAGEMENT |
| 3.6.1 PERSPECTIVES ON HEALTH CARE SECTOR | 4.5.1 BASIC MANAGEMENT ASPECTS OF HEALTH CARE |
| 3.6.2 MANAGEMENT OF PUBLIC HEALTH SYSTEMS | 4.5.2 STRATEGIC MANAGEMENT IN HEALTH CARE SETTINGS |
| 3.6.3 HEALTH ECONOMICS | 4.5.3 MANAGEMENT OF HOSPITAL SERVICES |
| 3.7. BANKING FINANCE AND INSURANCE SERVICES MANAGEMENT (BFIS) | 4.6 BANKING FINANCE AND INSURANCE SERVICES MANAGEMENT (BFIS) |
| 3.7.1 STRATEGIC CREDIT MANAGEMENT IN BANKS | 4.6.1 BANKING TECHNOLOGY AND MANAGEMENT |
| 3.7.2 INSURANCE PLANNING & MANAGEMENT | 4.6.2 INTERNATIONAL FINANCIAL MANAGEMENT |
| 3.7.3 INDIAN FINANCIAL SYSTEM | 4.6.3 RISK MANAGEMENT FOR BANKS AND INSURANCE COMPANIES |
| 3.8 STARTUPS AND SMES MANAGEMENT | 4.7 STARTUPS AND SMES MANAGEMENT |
| 3.8.1 PERSPECTIVES ON STARTUPS AND SME | 4.7.1 TECHNOLOGY AND INNOVATION |
| 3.8.2 BASIC MANAGEMENT ASPECTS OF SMALL BUSINESS | 4.7.2 INTERNATIONALIZATION OF SMES |
| 3.8.3 ESTABLISHMENT OF SMES | 4.7.3 MANAGEMENT OF STARTUPS |


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| SUBJECTS | PAPER | INSTRUCTION HRS/WEEK | DURATION OF EXAM(HRS) | MARKS | | | CREDITS |
|--|-------|-------------------------|------------------------------|-------|-------|-------|------------|
| | | | | IA | EXAM | TOTAL | |
| D) IV SEMESTER | | | | | | | |
| CORE SUBJECT: 4.1 INTERNATIONAL BUSINESS DYNAMICS | 4T | 4X4 | 4X3 | 4X30 | 4X70 | 4X100 | 4X4 |
| ELECTIVE SUBJECTS 4.2 FINANCE 4.3 MARKETING 4.4 HUMAN RESOURCES 4.5 HEALTH CARE MANAGEMENT 4.6 BANKING FINANCE AND INSURANCE SERVICES MANAGEMENT (BFIS) 4.7 STARTUPS AND SMES MANAGEMENT <i>THREE ELECTIVES IN SPECIALIZATION STREAMS</i> | | | | | | | |
| 4.8 DISSERTATION FOR 6 WEEKS | - | 4 | REPORT EVALUATION VIVA | 1X50 | 1X200 | 1X250 | 1X8 1X2 |
| TOTAL CREDITS | | | | | | | 26 |
| PROGRAM GRAND TOTAL OF CREDITS | | | | | | | 104 |


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| Course Matrix for B.A. /B.Sc. Psychology (BCU) | | | | | | | | |
|--|---|-----------|----------------|------------------|-------|-------|-------|-------------|
| Sem | PAPER TITLE | Paper | Hours/ Week | Exam duration | Marks | | | Cre dits |
| | | | | | IA | Exam | Total | |
| I | Paper I - Basic Psychological Processes-I | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Practical Paper-I | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| II | Paper II-Basic Psychological Processes-II | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Practical Paper- II | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| III | Paper III Developmental Psychology / Child Psychology (Students to choose any One) | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Practical Paper- III | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| IV | Paper IV Social Psychology / Educational Psychology (Students to choose any One) | Theory | 4 | 3 | 30 | 70 | 100 | 2 |
| | Practical Paper- IV | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| V | Paper V Psychological Disorders/ Positive Psychology (Students to choose any One) | Theory | 2 x3 | 2 x3 | 2x30 | 2 x70 | 2x100 | 2x2 |
| | Paper VI Research Methodology/ Counselling Psychology (Students to choose any One) | | | | | | | |
| | Practical Paper- V | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| | Practical Paper- VI | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| VI | Paper VII Industrial Psychology/ Environmental Psychology (Students to choose any One) | Theory | 2 x3 | 2 x3 | 2x30 | 2 x70 | 2x100 | 2x2 |
| | Paper VIII Psychological Assessment/ Health Psychology (Students to choose any One) | | | | | | | |
| | Practical Paper- VII | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| | Practical Paper- VIII | Practical | 3 | 3 | 15 | 35 | 50 | 1 |
| TOTAL Credits | | | | | | | | 24 |


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B.A., B.Sc. Psychology Syllabus 2021-BCU

| Sem/Code | Paper Title | Teaching Hour | Duration of Exam | Exam Marks | IA Marks | Total | Credits |
|---------------------|----------------------------------|---------------|------------------|------------|----------|-------|---------|
| I SEMESTER | | | | | | | |
| CS:1.1 | Introduction to Communication | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:1.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| II SEMESTER | | | | | | | |
| CS:2.1 | Fundamentals of Journalism | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:2.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| III SEMESTER | | | | | | | |
| CS:3.1 | Reporting | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:3.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| IV SEMESTER | | | | | | | |
| CS:4.1 | Editing | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:4.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| V SEMESTER | | | | | | | |
| CS:5.1 | Media Laws | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:5.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| CS:5.2 | Introduction to Electronic Media | 6 | | 100 | 50 | 150 | 5 |
| CS:5.2A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| VI SEMESTER | | | | | | | |
| CS:6.1 | Advertising & Public Relations | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:6.1A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |
| CS:6.2 | Introduction to Digital Media | 4 | | 100 | 50 | 150 | 5 |
| CS:6.2A | Practical | | | | | | |
| TOTAL | | | | | | | |
| | | 6 | | 100 | 50 | 150 | 5 |

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**B.Sc. CBCS SEMESTER SCHEME
BIOTECHNOLOGY
SCHEME OF INSTRUCTIONS AND CREDITS**

| Paper No. | Title of Paper | Type of Paper | Hours/Week | Duration of Examination | IA Marks | Exam Marks | Total Marks | Credits |
|--|---|---------------|------------|-------------------------|----------|------------|-------------|---------|
| I Semester | | | | | | | | |
| BTP-101 | Biotechnology – I Cell biology, Genetics & Biochemistry | Theory | 4 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for I semester | | | | | | | 150 | 6 |
| II Semester | | | | | | | | |
| BTP-201 | Biotechnology - II Microbiology | Theory | 4 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for II semester | | | | | | | 150 | 6 |
| III Semester | | | | | | | | |
| BTP-301 | Biotechnology – III Molecular biology | Theory | 4 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for III semester | | | | | | | 150 | 6 |
| IV Semester | | | | | | | | |
| BTP-401 | Biotechnology – IV Genetic Engineering | Theory | 4 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for IV semester | | | | | | | 150 | 6 |
| V Semester | | | | | | | | |
| BTP-501 | Biotechnology – V Environmental Biotechnology & Immunotechnology | Theory | 3 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| BTP-502 | Biotechnology – VI Plant & Animal Biotechnology | Theory | 3 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for V semester | | | | | | | 300 | 12 |
| VI Semester | | | | | | | | |
| BTP-601 | Biotechnology –VII Industrial Biotechnology | Theory | 3 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| BTP-602 | Biotechnology – VIII Bioinformatics, Bio entrepreneurship & Research | Theory | 3 | 3 | 30 | 70 | 100 | 4 |
| | | Practical | 3 | 3 | 15 | 35 | 50 | 2 |
| Total Marks and Credits for VI semester | | | | | | | 300 | 12 |


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CHAIRMAN
Department of Microbiology
& Biotechnology
Bangalore University, JB Campus,
Bangalore - 560 056.


| SCHEME OF STUDY AND EXAMINATION | | | | | | | | |
|--|--------------|---|---------------------|------------|-----|-------|------------------------|------------|
| Semester | Subject code | Title of the paper | Instruction hr/week | Exam marks | | | Duration of exam (hrs) | Credits |
| | | | | Exam | CIA | Total | | |
| I | BCHT- 01 | Basic Biophysical and general chemistry | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT- 02 | Metabolism-I | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-03 | Analytical Biochemistry – I | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-04 | General Physiology | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHSCT-05 | Clinical Biochemistry and Nutrition | 3 | 70 | 30 | 100 | 3 | 2 |
| | BCHP – 06 | Gen. Biochemistry | 8 | 70 | 30 | 100 | 4 | 4 |
| | BCHP – 07 | Bioanalytical techniques | 8 | 70 | 30 | 100 | 4 | 4 |
| Total credits for the semester | | | | | | | | 26 |
| II | BCHT- 08 | Protein structure and Enzymology | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT- 09 | Metabolism-II | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-10 | Analytical Biochemistry – II | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-11 | Immunology and Microbiology | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHSCT-12 | Bioinformatics and Research methodology | 3 | 70 | 30 | 100 | 3 | 2 |
| | BCHP – 13 | Immunochemistry and Informatics | 8 | 70 | 30 | 100 | 4 | 4 |
| | BCHP – 14 | Enzymology | 8 | 70 | 30 | 100 | 4 | 4 |
| Total credits for the semester | | | | | | | | 26 |
| III | BCHT-15 | Molecular Biology | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-16 | Biochemistry of Cell Signaling | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-17 | Membrane Biochemistry | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-18 | Open elective | 4 | 70 | 30 | 100 | 3 | 3 |
| | BCHP -19 | Clinical Biochemistry | 8 | 70 | 30 | 100 | 4 | 4 |
| | BCHP -20 | Molecular Biology | 8 | 70 | 30 | 100 | 4 | 4 |
| Total credits for the semester | | | | | | | | 23 |
| IV | BCHT-21 | Gene Regulation and Genomics | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-22 | Molecular Genetics | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-23 | Genetic Engineering | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHT-24 | Drug Discovery and Clinical Research | 4 | 70 | 30 | 100 | 3 | 4 |
| | BCHP-25 | Genetic Engineering and Protein chemistry | 8 | 70 | 30 | 100 | 4 | 4 |
| | BCHPR- 26 | Project (Report and Viva-Voce; 45+25) | 12 | 70 | 30 | 100 | - | 5 |
| Total credits for the semester-IV | | | | | | | | 25 |
| Total credits for the course | | | | | | | | 100 |

**B.Sc. CREDIT BASED SEMESTER SCHEME
MICROBIOLOGY (PART 2)
SCHEME OF INSTRUCTIONS AND CREDITS**

| Paper No. | Title of the paper | Type of paper | Hours/Week | Duration of Exam (Hours) | IA | Exam | Total Marks | Credits |
|---|--------------------|---------------|------------|--------------------------|----|------|-------------|---------|
| I Semester | | | | | | | | |
| MBT-101 | Basic Microbiology | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBP-102 | Basic Microbiology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| Total Marks and Credits for I semester | | | | | | | 150 | 3 |

| Paper No. | Title of the paper | Type of paper | Hours/Week | Duration of Exam (Hours) | IA | Exam | Total Marks | Credits |
|--|---|---------------|------------|--------------------------|----|------|-------------|---------|
| II Semester | | | | | | | | |
| MBT-201 | Microbial Taxonomy & Culture Techniques | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBP-202 | Microbial Taxonomy & Culture Techniques | P | 3 | 3 | 15 | 35 | 50 | 1 |
| Total Marks and Credits for II semester | | | | | | | 150 | 3 |

| Paper No. | Title of the paper | Type of paper | Hours/Week | Duration of Exam (Hours) | IA | Exam | Total Marks | Credits |
|---|---|---------------|------------|--------------------------|----|------|-------------|---------|
| III Semester | | | | | | | | |
| MBT-301 | Microbial Physiology & Microbial Genetics | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBP-302 | Microbial Physiology & Microbial Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| Total Marks and Credits for III semester | | | | | | | 150 | 3 |


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| Paper No. | Title of the paper | Type of paper | Hours/ Week | Duration of Exam (Hours) | IA | Exam | Total Marks | Credits |
|--|--|---------------|-------------|--------------------------|----|------|-------------|---------|
| IV Semester | | | | | | | | |
| MBT-401 | Molecular biology and Recombinant DNA Technology | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBP-402 | Molecular biology and Recombinant DNA Technology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| Total Marks and Credits for IV semester | | | | | | | 150 | 3 |

| Paper No. | Title of the paper | Type of paper | Hours/ Week | Duration of Exam (Hours) | IA | Exam | Total Marks | Credits |
|---|--------------------------------------|---------------|-------------|--------------------------|----|------|-------------|---------|
| V Semester | | | | | | | | |
| MBT-501 | Agricultural & Environ. Microbiology | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBT-502 | Food & Dairy Microbiology | T | 4 | 3 | 30 | 70 | 100 | 2 |
| MBP-503 | Agricultural & Environ. Microbiology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| MBP-504 | Food & Dairy Microbiology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| Total Marks and Credits for V semester | | | | | | | 300 | 6 |


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CENTRE FOR APPLIED GENETICS, BANGALORE UNIVERSITY
Jnana Bharathi, Bengaluru - 560 056
SCHEME OF THREE YEAR CBCS B.Sc., COURSE IN GENETICS
SCHEME OF EXAMINATION AND CREDITS

| Paper No. | Title of paper | Type of paper | Hours/Week | Duration of Exam (Hours) | IA Marks | Exam Marks | Total Marks | Credits |
|---------------------|--|---------------|------------|--------------------------|----------|------------|-------------|---------|
| I SEMESTER | | | | | | | | |
| GNT 101 | Fundamentals of Cell Biology | T | 4 | 3 | 30 | 70 | 100 | 2 |
| GNP 101 | Fundamentals of Cell Biology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| II SEMESTER | | | | | | | | |
| GNT 201 | Principles of Genetics | T | 4 | 3 | 30 | 70 | 100 | 2 |
| GNP 201 | Principles of Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| III SEMESTER | | | | | | | | |
| GNT 301 | Cytogenetics | T | 4 | 3 | 30 | 70 | 100 | 2 |
| GNP 301 | Cytogenetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| IV SEMESTER | | | | | | | | |
| GNT 401 | Molecular Genetics | T | 4 | 3 | 30 | 70 | 100 | 2 |
| GNP 401 | Molecular Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| V SEMESTER | | | | | | | | |
| GNT 501 | Recombinant DNA Technology | T | 3 | 3 | 30 | 70 | 100 | 2 |
| GNT 502 | Basic Human Genetics | T | 3 | 3 | 30 | 70 | 100 | 2 |
| GNP 501 | Recombinant DNA Technology | P | 3 | 3 | 15 | 35 | 50 | 1 |
| GNP 502 | Basic Human Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| VI SEMESTER | | | | | | | | |
| GNT 601 | Developmental, Evolutionary and Biometrical Genetics | T | 3 | 3 | 30 | 70 | 100 | 2 |
| GNT 602 | Applied and Behavioural Genetics | T | 3 | 3 | 30 | 70 | 100 | 2 |
| GNP 601 | Developmental, Evolutionary and Biometrical Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |
| GNP 602 | Applied and Behavioural Genetics | P | 3 | 3 | 15 | 35 | 50 | 1 |

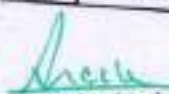
* Submission of certified practical record is **MANDATORY** for attending practical examination.

B.Sc., Genetics - I to VI Semester Syllabus


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BENGALURU CENTRAL UNIVERSITY. BENGALURU.
SCHEME OF EXAMINATION.


| Title of the paper | Contact hours/Week | Exam. hours | IA | Marks | Total Marks | Credits |
|--------------------------|--------------------|-------------|----|-------|-------------|---------|
| First Semester | | | | | | |
| Chemistry-I | 4 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-I | 3 | 3 | 15 | 35 | 50 | 1 |
| Second Semester | | | | | | |
| Chemistry-II | 4 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-II | 3 | 3 | 15 | 35 | 50 | 1 |
| Third Semester | | | | | | |
| Chemistry-III | 4 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-III | 3 | 3 | 15 | 35 | 50 | 1 |
| Fourth Semester | | | | | | |
| Chemistry-IV | 4 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-IV | 3 | 3 | 15 | 35 | 50 | 1 |
| Fifth Semester | | | | | | |
| Chemistry-V | 3 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-V | 3 | 3 | 15 | 35 | 50 | 1 |
| Chemistry-VI | 3 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-VI | 3 | 3 | 15 | 35 | 50 | 1 |
| Sixth Semester | | | | | | |
| Chemistry-VII | 3 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-VII | 3 | 3 | 15 | 35 | 50 | 1 |
| Chemistry-VIII | 3 | 3 | 30 | 70 | 100 | 2 |
| Chemistry Practical-VIII | 3 | 3 | 15 | 35 | 50 | 1 |


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SCHEME OF EXAMINATION

| Title of the paper | Contact h/week | Exam. hours | IA | Marks | Total Marks | Credits |
|-----------------------------|----------------|-------------|----|-------|-------------|---------|
| First Semester | | | | | | |
| Biochemistry-I | 4 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-I | 3 | 3 | 15 | 35 | 50 | 1 |
| Second Semester | | | | | | |
| Biochemistry-II | 4 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-II | 3 | 3 | 15 | 35 | 50 | 1 |
| Third Semester | | | | | | |
| Biochemistry-III | 4 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-III | 3 | 3 | 15 | 35 | 50 | 1 |
| Fourth Semester | | | | | | |
| Biochemistry-IV | 4 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-IV | 3 | 3 | 15 | 35 | 50 | 1 |
| Fifth Semester | | | | | | |
| Biochemistry-V | 3 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry-VI | 3 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-V | 3 | 3 | 15 | 35 | 50 | 1 |
| Biochemistry practical-VI | 3 | 3 | 15 | 35 | 50 | 1 |
| Sixth Semester | | | | | | |
| Biochemistry-VII | 3 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry-VIII | 3 | 3 | 30 | 70 | 100 | 2 |
| Biochemistry practical-VII | 3 | 3 | 15 | 35 | 50 | 1 |
| Biochemistry practical-VIII | 3 | 3 | 15 | 35 | 50 | 1 |


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BENGALURU CENTRAL UNIVERSITY
 Central College Campus, Dr.B.R. Ambedkar Veedi, Bangalore -56001.

Syllabus

Subject: Electronics (UG) (Effective from 2020-21)

| Semester/ Teaching Hours | Title of the Paper | Hours /week | | Max.Marks/paper | | | | Duration of Exa m (hour s) | | Total Marks / paper | Credits |
|------------------------------------|--|----------------|-----------|-----------------|----|-----------|----|---|-----------|------------------------|---------|
| | | Theory | Practical | Theory | | Practical | | Theory | Practical | | |
| | | | | Exam | IA | Exam | IA | | | | |
| Semester I (52 hours) | Basic Electronics (EL-101T and EL- 101P) | 4 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 4+2= 6 |
| Semester II (52 hours) | Electronics circuits and special purpose devices (EL-201T and EL-201P) | 4 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 4+2= 6 |
| Semester III (52 hours) | Linear integrated circuits and C- Programming (EL-301T and EL- 301P) | 4 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 4+2= 6 |
| Semester IV (52 hours) | Digital Electronics and Verilog (EL-401T and EL- 401P) | 4 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 4+2= 6 |
| 02 Semester V (40+40 hours) | | 3 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 3+2=5 |
| | | 3 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 3+2=5 |
| 02 Semester VI (40+40 hours) | | 3 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 3+2=5 |
| | | 3 | 3 | 70 | 30 | 35 | 15 | 3 | 3 | 150 | 3+2=5 |

Note: Internal assessment marks will be based on attendance, assignment & tests.
 In addition to this, internal assessment marks may be awarded for the report submitted by the students towards industrial/Exhibition visits/field visits/study tour

- 1) Rajath 5)
- 2) Narath 6) L. Anil Kumar
- 3) R. Harish 7) P. Praveen
- 4)


 P. Praveen
 Professor and Charge
 Dept. of Electronics & Comm.
 Bengaluru Central University
 Bangalore - 560001


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 M.S. Ramiah College of Arts, Science & Commerce
 MSRIT Post, MSR Nagar
 Bangalore - 560 054

PRACTICAL SYLLABUS FOR 2019 ONWARDS

SEMESTER -I

1. Observation and Suggestion
2. Habit Interference
3. Effect of Chunking on Recall
4. Effect of Cueing on recall
5. Bilateral transfer

Project: Mind Mapping for a particular topic

SEMESTER-II

1. Brain dominance
2. Muller- Lyer illusion
3. Signal detection
4. Stroop effect
5. Eysenck's Personality Inventory

Project: Mind Mapping for a particular unit.

SEMESTER- III

1. Paired associate learning
2. Addiction Scale
3. Maze learning
4. Creativity
5. Knox cube.

Project: Knox cube/ VSMS data to be collected

SEMESTER-IV

1. Self-concept
2. College student problem checklist
3. Processes in Concept formation
4. Size weight illusion
5. Learning Styles Inventory.

Project: Interpretation of the data collected in the third semester.

Semester V

Paper5 - A- Abnormal Psychology

1. Beck Depression Scale
2. FIRO B
3. Assessment of Anxiety
4. Locus of control
5. PVQ

Semester V-

Paper 6-B-Counseling /Research Methodology

- 1.RPM
- 2.Bhatia's
- 3.Sodhi Attitude scale
4. Guidance Need
5. Cohen perceived stress scale.

Project: Beck's Depression scale will be given as a project. Full project will be completed with data collection and analysis of data in the 5th semester.

Semester VI

Paper 7-A-Industrial /Organizational Psychology

- 1.Tweezer Dexterity Scale
- 2.Minnesota Rate of Manipulation Test
- 3.David's Battery of Differential Ability.
- 4.Occupational Self Efficacy/ Emotional maturity scale
- 5.Comprehensive Interest schedule.

Semester VI

Paper 8-B- Health / Psychological Assessment

- 1.Bell's Adjustment Inventory
- 2.General Health Questionnaire
- 3.Oxford Happiness scale
- 4.Type A/Type B behavioural Pattern
- 5.Rathus Assertiveness scale

Project: Occupational self-efficacy will be administered. Full project will be completed with data collection and analysis of data.

NEP Syllabi of Psychology (Discipline Specific Course) subject for BA/BSc- I Semester

With effect from academic year 2021-22 and onwards

PAPER – I: FOUNDATIONS OF PSYCHOLOGY – I

Learning Outcomes:

1. Students will understand the genesis of Psychology and its importance
2. Students will gain basic knowledge about Psychology
3. Students will understand the fundamental mental processes which are base for behaviour
4. Students understand the Applications of Psychology in various fields

* Teaching Hours 4 hours per week

* 70 marks for examination and 30 marks for Internal Assessment

NIT – I: GENESIS AND GOALS OF PSYCHOLOGY (10 hours)

- Psychology: Emergence and Development; Definition and Goals of Psychology- Understanding, Describing, Predicting and Control of Behaviour.
- Key Perspectives: Psychodynamic, Behavioural, Humanistic, Biological and Cognitive
- General, Bio–Physiological, Social, Child, Developmental, Abnormal and Cognitive Psychology.
- Psychology as Applied Science: Introspection, Observation, Experimental, Clinical And Questionnaire Method.

UNIT– II: BIOLOGY AND BEHAVIOUR

(12 hours)

- Neuron: Structure and functions; Neural impulse; Synapse and Neurotransmitters
- Nervous system: Structure and Functions of Central nervous system and Peripheral nervous system
- Methods of studying brain functions: invasion, lesion, ablation, chemical and stimulation method
- Endocrine system: Functions and Effects : Pituitary, Thyroid, Parathyroid, Adrenal and Gonads

UNIT-III: SENSATION, ATTENTION AND PERCEPTION (10 hours)

- Sensation: Definition and Characteristics.
- Types of Senses and Receptors Involved in Each Sensation.
- Attention: Meaning and Phenomena (Span of Attention, Division of Attention, Fluctuation and distraction), Determinants: Objective and Subjective.
- Perception: Meaning and Characteristics, Gestalt Laws of Perceptual Organization.
- Depth Perception: Meaning, Perceptual Constancies, Monocular and Binocular Cues
- Errors in Perception -
 - 1) Illusion - Types - Horizontal-Vertical, Muller Lyer and Illusion of Movement.
 - 2) Hallucination- Visual, Auditory and Tactile

UNIT-IV: LEARNING (14 hours)

- Introduction: Definition, Factors Influencing Learning: Motivation, Reinforcement and Association.
- Types of Learning: Trial and Error Learning: Experiment and Laws. Classical Conditioning, Extinction, Spontaneous Recovery, Generalization, Discrimination, Higher Order Conditioning.
- Operant Conditioning: Experiment (experiment on Pigeons) Reinforcement, Schedules of Reinforcement, Shaping and Chaining.
- Cognitive Learning: Insightful (Kohler) and Observational (Bandura)

UNIT-V: MEMORY AND FORGETTING (10 hours)

- Memory: Basic Processes – Encoding, Storage and Retrieval.
- Types of Memory: Sensory Memory, Short-Term Memory Long-Term Memory, Working Memory, Semantic Memory, Autobiographical Memory and Flashbulb Memory.
- Techniques to Improve Memory: Mnemonics, Chunking, SQ3R (Survey, Question, Read, Recite and Review)
- Forgetting: Nature and Causes of Forgetting

Text Books:

- Robert Feldman (2011) *Essential of Understanding Psychology* 10th Edition, ISBN-13-9781259003059/ISBN-10-1259003051
- Morgan, C. T., King, R. A., Weiss, J. R. and Schopler, J. (2012). (Latest Edition). *Introduction to Psychology*. Tata McGraw Hill Education Pvt. New Delhi
- Nataraj, P. (latest edition): *Psychology for Beginners*. Mysore :Srinivas publication
- Parameshwaran, E. G., & Beena, C. (2010): *An Invitation to Psychology*, Neelkamal Pvt. Hyderabad

Reference:

1. Mangal S.K.(2000) *General Psychology*. New Delhi: Sterling Publishers Pvt.Ltd.
2. Shashi Jain (Latest edition). *Introduction to Psychology*. New Delhi: Kalyani Publishers.
3. Rajamanickam, M. (2008). *Modern General Psychology*. Vol 1 & 2. Concept Publisher. New Delhi.

PRACTICALS: 4 hours per week. Maximum Marks: 50**(Minimum 8 Practical to be conducted)**

1. Directed Observation on the accuracy of report
2. Colour blindness
3. Localisation of sound
4. Mapping of colour zones
5. Set on Attention
6. Bilateral transfer of training
7. Muller-Lyer Illusion
8. Illusion of movement (Phi-Phenomena)
9. Meaning on retention
10. Retroactive Inhibition
11. Proactive Inhibition
12. Span of attention

STATISTICS

- Grouping of Data: Tabulation and frequency distribution
- Measures of Central tendency: Mean and Median for Grouped and Ungrouped data

Practical batches: 10 students per batch

Exam: 10 students per batch

Mark: 35 marks for semester end examination +15 marks for Journal records as an internal assessment

| | | |
|--------------------|---------------------------|-----------|
| 35 marks for exam: | Plan and procedure | 05 |
| | Conducting one experiment | 10 |
| | Results and discussion | 05 |
| | Viva | 05 |
| | Statistics | 10 |
| | Total | 35 |

Practicals (any????)

MDC2: Foundation of Behaviour with practical (6)

Practical component:

Statistics: Measures of Variance (Grouped and Ungrouped)

- Standard Deviation
- Range
- Quartile deviation

1. Emotions :

- a. Emotional regulation scale
- b. Emotional intelligence scale/ questionnaire
- c. Oxford happiness scale
- d. Fear checklist
- e. Positive and Negative affect scale

2. Motivation

- a. Achievement motivation
- b. The motivation assessment scale
- c. Power motive inventory/Scale
- d. Academic achievement need scale
- e. Guidance need inventory

3. Intelligence

- a. Standard progressive matrices
- b. WAIS (Weschler's adult intelligence Scale)
- c. Draw a man test
- d. SFB (Seguin Form Board)
- e. General Mental Ability Test by Jalota

4. Thinking and reasoning

- a. Stroop effect
- b. Test of creativity
- c. Cognitive style assessment
- d. Concept formation
- e. Problem solving ability test based on Tower of London test

5. Personality:

- a. Eysenck's personality inventory
- b. Children's personality questionnaire
- c. 16 PF test of personality
- d. NEO Personality Inventory
- e. Myers Briggs Types indicator

| Sem/ Code | Paper Title | Teaching Hour | Duration of Examination | Exam Marks | IA Marks | Total | Credits |
|---------------------|----------------------------------|------------------|----------------------------|---------------|-------------|------------|----------|
| I SEMESTER | | | | | | | |
| CS:1.1 | Introduction to Communication | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:1.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| II SEMESTER | | | | | | | |
| CS:2.1 | Fundamentals of Journalism | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:2.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| III SEMESTER | | | | | | | |
| CS:3.1 | Reporting | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:3.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| IV SEMESTER | | | | | | | |
| CS:4.1 | Editing | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:4.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| V SEMESTER | | | | | | | |
| CS:5.1 | Media Laws | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:5.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| CS:5.2 | Introduction to Electronic Media | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:5.2A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| VI SEMESTER | | | | | | | |
| CS:6.1 | Advertising & Public Relations | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:6.1A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |
| CS:6.2 | Introduction to Digital Media | 4 | 3 | 70 | 30 | 100 | 4 |
| CS:6.2A | Practical | 2 | 1 | 30 | 20 | 50 | 1 |
| TOTAL | | 6 | | 100 | 50 | 150 | 5 |

B.COM – PROGRAM
Regulations for Bachelor of Commerce, Bachelor of Commerce with B.Com Honours.

SEMESTER – I

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|----------------------|-------------|---|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 1 | Lang.1.1 | Language -I | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 2 | Lang.1.2 | Language -II | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 3 | B.Com.1.1 | Financial Accounting | DSC-1 | 3+0+2 | 60 | 40 | 100 | 4 |
| 4 | B.COM.1.2 | Management Principles and Applications | DSC-2 | 4+0+0 | 60 | 40 | 100 | 4 |
| 5 | B.COM.1.3 | Principles of Marketing | DSC-3 | 4+0+0 | 60 | 40 | 100 | 4 |
| 6 | B.COM.1.4 | Digital Fluency/ Basics of Computer | SEC-SB | 1+0+2 | 30 | 20 | 50 | 2 |
| 7 | B.COM.1.5 | Any one of the following: a. Accounting for Everyone b. Personal finance & Planning | OEC-1 | 3+0+0 | 60 | 40 | 100 | 3 |
| 8 | B.COM.1.6 | Yoga | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| 9 | B.COM.1.7 | Health & Wellness | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| SUB TOTAL (A) | | | | | 390 | 310 | 700 | 25 |

SEMESTER – II

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|----------------------|-------------|--|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 10 | Lang.2.1 | Language -I | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 11 | Lang.2.2 | Language – II | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 12 | B.COM.2.1 | Advanced Financial Accounting | DSC-4 | 3+0+2 | 60 | 40 | 100 | 4 |
| 13 | B.COM.2.2 | Business Mathematics OR Corporate Administration | DSC-5 | 3+0+2 | 60 | 40 | 100 | 4 |
| 14 | B.COM.2.3 | Law & Practice of Banking | DSC-6 | 4+0+0 | 60 | 40 | 100 | 4 |
| 15 | B.COM.2.4 | Environmental Studies | AECC | 2+0+0 | 30 | 20 | 50 | 2 |
| 16 | B.COM.2.5 | Any one of the following: a. Investing in stock markets b. Innovation Management | OEC-2 | 3+0+0 | 60 | 40 | 100 | 3 |
| 17 | B.COM.2.6 | Sports | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| 18 | B.COM.2.7 | NCC/NSS/R&R(S&G)/ Cultural | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| SUB TOTAL (B) | | | | | 390 | 310 | 700 | 25 |

**EXIT OPTION WITH CERTIFICATION –
WITH ABILITY TO SOLVE WELL DEFINED PROBLEMS**

SEMESTER – III

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|---------------------|-------------|--|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 19 | Lang.3.1 | Language-I | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 20 | Lang.3.2 | Language – II | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 21 | B.COM.3.1 | Corporate Accounting | DSC – 7 | 3+0+2 | 60 | 40 | 100 | 4 |
| 22 | B.COM.3.2 | Business Statistics | DSC – 8 | 3+0+2 | 60 | 40 | 100 | 4 |
| 23 | B.COM.3.3 | Cost Accounting | DSC – 9 | 3+0+2 | 60 | 40 | 100 | 4 |
| 24 | B.COM.3.4 | Financial Education & Investment Awareness | SEC | 1+0+2 | 30 | 20 | 50 | 2 |
| 25 | B.COM.3.5 | Any one of the following: a. Advertising Skills b. Entrepreneurship Skills | OEC-3 | 3+0+0 | 60 | 40 | 100 | 3 |
| 26 | B.COM.3.6 | Sports | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| 27 | B.COM.3.7 | NCC/NSS/R&R(S&G)/ Cultural | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| SUBTOTAL (C) | | | | | 390 | 310 | 700 | 25 |

SEMESTER – IV

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|----------------------|-------------|---|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 28 | Lang.4.1 | Language-I | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 29 | Lang.4.2 | Language – II | AECC | 3+1+0 | 60 | 40 | 100 | 3 |
| 30 | B.COM.4.1 | Advanced Corporate Accounting | DSC – 10 | 3+0+2 | 60 | 40 | 100 | 4 |
| 31 | B.COM.4.2 | Costing Methods & Techniques | DSC – 11 | 3+0+2 | 60 | 40 | 100 | 4 |
| 32 | B.COM.4.3 | Business Regulatory Framework | DSC – 12 | 4+0+0 | 60 | 40 | 100 | 4 |
| 33 | B.COM.4.4 | Constitution of India | AECC | 2+0+0 | 30 | 20 | 50 | 2 |
| 34 | B.COM.4.5 | Any one of the following: a. Banking Operations b. Principles of Event Management | OEC-4 | 3+0+0 | 60 | 40 | 100 | 3 |
| 35 | B.COM.4.6 | Sports | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| 36 | B.COM.4.7 | NCC/NSS/R&R(S&G)/ Cultural | SEC-VB | 0+0+2 | - | 25 | 25 | 1 |
| SUB TOTAL (D) | | | | | 390 | 310 | 700 | 25 |

EXIT OPTION WITH DIPLOMA – ABILITY TO SOLVE BROADLY DEFINED PROBLEMS.

SEMESTER – V

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|----------------------|-------------|--|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 37 | B.COM.5.1 | Financial Management | DSC-13 | 3+1+0 | 60 | 40 | 100 | 4 |
| 38 | B.COM.5.2 | Income Tax Law and Practice-I | DSC-14 | 3+1+0 | 60 | 40 | 100 | 4 |
| 39 | B.COM. 5.3 | Auditing and Assurance | DSC-15 | 4+0+0 | 60 | 40 | 100 | 4 |
| 40 | B.COM.5.4 | One Course from the Selected Elective Group-PI | DSE-1 | 3+0+2 | 60 | 40 | 100 | 3 |
| 41 | B.COM.5.5 | GST- Law & Practice | VOC-1 | 2+0+2 | 60 | 40 | 100 | 3 |
| 42 | B.COM.5.6 | Internship | Intern -1 | 1+0+2 | - | 50 | 50 | 2 |
| 43 | B.COM.5.7 | Cyber Security or some other SEC | SEC | 1+0+2 | 30 | 20 | 50 | 2 |
| 44 | B.COM.5.8 | Sports | SEC– VB | 0+0+2 | - | 25 | 25 | 1 |
| 45 | B.COM.5.9 | NCC/NSS/R&R(S&G)/ Cultural | SEC– VB | 0+0+2 | - | 25 | 25 | 1 |
| SUB TOTAL (E) | | | | | 330 | 320 | 650 | 24 |

SEMESTER – VI

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|-----------------------------|-------------|--|--------------------|---------------------------------|-------------|-------------|-------------|------------|
| 46 | B.COM.6.1 | Management Accounting | DSC-16 | 3+0+2 | 60 | 40 | 100 | 4 |
| 47 | B.COM.6.2 | Income Tax Law and Practice -II | DSC-17 | 3+0+2 | 60 | 40 | 100 | 4 |
| 48 | B.COM.6.3 | Entrepreneurship Development | DSC-18 | 4+0+0 | 60 | 40 | 100 | 4 |
| 49 | B.COM.6.4 | One Course from the Selected Elective Group-PII | DSE-2 | 3+0+2 | 60 | 40 | 100 | 3 |
| 50 | B.COM.6.5 | Basics of Spread Sheet Modelling OR Report on Study of Start -ups and Innovative Business Ideas | VOC-2 | 2+0+2 | 60 | 40 | 100 | 3 |
| 51 | B.COM.6.6 | Internship | Intern -2 | 0+0+2 | - | 50 | 50 | 2 |
| 52 | B.COM.6.7 | Professional Communication | SEC- SB | 1+0+2 | 30 | 20 | 50 | 2 |
| 53 | B.COM.6.8 | Sports | SEC– VB | 0+0+2 | - | 25 | 25 | 1 |
| 54 | B.COM.6.9 | NCC/NSS/R&R(S&G)/ Cultural | SEC– VB | 0+0+2 | - | 25 | 25 | 1 |
| SUB TOTAL (F) | | | | | 330 | 320 | 650 | 24 |
| GRAND TOTAL – DEGREE | | | | | 2220 | 1880 | 4100 | 148 |

Students have to select dual electives out of the list of electives given in Fifth and Sixth Semester. Electives selected in the fifth semester should be continued in the sixth semester. However, they can change the electives in the seventh semester. The electives selected in the seventh semester will continue in the eighth semester.

EXIT OPTION WITH BACHELOR DEGREE -ABILITY TO SOLVE COMPLEX PROBLEMS THAT ARE ILL-STRUCTURED REQUIRING MULTI-DISCIPLINARY SKILLS TO SOLVE THEM.

SEMESTER – VII

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|----------------------|-------------|--|--------------------|---------------------------------|------------|------------|-------------|-----------|
| 55 | B.COM.7.1 | International Business | DSC-19 | 4+0+0 | 60 | 40 | 100 | 4 |
| 56 | B.COM.7.2 | Advanced Business Statistics | DSC-20 | 3+0+2 | 60 | 40 | 100 | 4 |
| 57 | B.COM.7.3 | Advanced Financial Management | DSC-21 | 3+0+2 | 60 | 40 | 100 | 4 |
| 58 | B.COM.7.4 | One Course from the Selected Elective Group-PIII | DSE-3 | 3+1+0 | 60 | 40 | 100 | 3 |
| 59 | B.COM.7.5 | ERP Applications | VOC-3 | 2+0+2 | 60 | 40 | 100 | 3 |
| 60 | B.COM.7.6 | Research Methodology | RM-1 | 3+0+0 | 60 | 40 | 100 | 3 |
| SUB TOTAL (G) | | | | | 360 | 240 | 600 | 21 |

SEMESTER – VIII

| SL NO | Course Code | Title of the Course | Category of Course | Teaching Hours per Week (L+T+P) | SEE | CIE | Total Marks | Credits |
|---|-----------------|---|--------------------|---------------------------------|-------------|-------------|-------------|------------|
| 61 | B.COM.8.1 | Financial Reporting- IND.AS | DSC-22 | 3+0+2 | 60 | 40 | 100 | 4 |
| 62 | B.COM.8.2 | Strategic Financial Management | DSC-23 | 4+0+0 | 60 | 40 | 100 | 4 |
| 63 | B.COM.8.3 | Business Analytics OR Data Analysis & Decision Sciences | DSC-24 | 3+0+2 | 60 | 40 | 100 | 4 |
| 64 | B.COM.8.4 | Managing Digital Platforms | VOC-4 | 2+0+2 | 60 | 40 | 100 | 3 |
| 65 | B.COM.8.5 Or | Research Projects/Internship with Viva- voce | - | - | 120 | 80 | 200 | 6 |
| 65 | B.COM.8.5 | OR Elective Paper (Two Courses from the Selected | DSE-4 | 2+0+2(P) 3+0+0(T) | 60 | 40 | 100 | 3* |
| 66 | B.COM.8.6 | Elective Group - Paper IV & V) | DSE-5 | 2+0+2(P) 3+0+0(T) | 60 | 40 | 100 | 3* |
| SUB TOTAL (H) | | | | | 360 | 240 | 600 | 21 |
| DEGREE WITH HONOURS | | | | | 2940 | 2360 | 5300 | 190 |
| GRAND TOTAL OF (A+B+C+D+E+F+G+H) | | | | | | | | |

*In lieu of the research Project, two additional elective papers/ Internship may be offered
Award of Bachelor of Commerce Degree with Honours. (With the completion of courses equal to a minimum of 180 credits)

BACHELOR'S DEGREE WITH HONORS – EXPERIENCE OF WORKPLACE PROBLEMSOLVING IN THE FORM OF INTERNSHIP OR RESEARCH EXPERIENCE PREPARING FOR HIGHER EDUCATION OR ENTREPRENEURSHIP EXPERIENCE.

Unit-IV

Specialized reporting: Legislative, court, science and technology, defence, human rights, women, health, tourism, education, financial reporting, agriculture, cultural events.

Practical Paper for DSC 3 - News Reporting and Analysis (Two Credits- 50 Marks)

- 1. Event reporting** - Students have to identify 2 major events and provide a detailed news report on it.
- 2. Press conference** - Have to attend the press conferences of a day, and prepare a report based on it.
- 3. Press Notes**– Get the 10 Press Notes from your local news media and prepare the news item.
- 4. Interview news story** – Conduct at least two in-person interviews to write a news story on a timely topic in consultation with your professor from primary sources (400- 500 words).
- 5. Write the following news items already published in the different newspapers.**

Press notes- 2, Speech Reporting- 2, Protest-2, accidents-2, Obituary-2, disaster-2, Communal riots-2, Political reporting-2, election-2, legislature-2, judiciary-2, weather-2, seminars/ workshops-2, science & technology-2, environmental issues-2, Suicide-2, Women Issues-2, Health-2, Agriculture-2, investigative-2, defence-2, human rights-2, tourism-2, education-2, cultural events-2, Govt news-2.

Note: Each student shall compulsorily maintain assignments and record book, submit the same at the end of the semester in the form of Project Report.

Practical Paper for DSC-4 - News Processing and Editing (Two Credits – 50 Marks)

1. Exercise on similar sounding words with different meanings.
2. Editing copies with spelling mistakes and redundancies.
3. Giving headlines for news stories.
4. Selecting stories for a campus newspaper.
5. Designing a dummy newspaper.
6. Designing special pages.
7. Photo selection and cropping.
8. Writing Captions for photos.
9. Writing editorials.
10. Rewriting poorly drafted copies.

Note: Each student shall compulsorily maintain assignments and record book, submit the same at the end of the semester in the form of Project Report.

| Reference books | |
|-----------------|--|
| 1 | Bodian, Nat G. (1984). Copywriter's Handbook. ISI Press, |
| 2 | Brooks, B. S., & Pinson, J. L. (2015). The art of editing in the age of convergence. BocaRaton, FL: CRC Press. |
| 3 | Brooks, B., George, K., Moen, D. & Ranly, D. (2010). News reporting and writing. Publisher: Bedford/St. Martin's. |
| 4 | Ellis, B. (2001). The copyediting and headline handbook. Berkeley: University of California Press. |
| 5 | Emenanjo, N.E. (2010). Editing and writing. Aba: E-Front Publishers. |
| 6 | Idemili, S. (2002). News editing. In Wilson D. (ed.) Introduction to the print media, Ibadan: Sterling-Horden Publishers |
| 7 | K.M. Srivastava (2003) News Reporting and Editing; Sterling Publishers Pvt Ltd. |
| 8 | Kovach, B., & Rosenstiel, T. (2014). The elements of journalism: What news people should know and the public should expect. New York, NY: Three Rivers Press. |
| 9 | Michael O. Ukonu. (2013) News Editing and Design. Grand Heritage Global Communications, Nsukka. |
| 10 | Strunk, William, Jr. and E. B. White. (1978) Elements of Style, 3rd edition. Macmillan Publishing Company. |

Date:

Subject Committee Chairperson