### SRI KRISHNA ARTS AND SCIENCE COLLEGE

An Autonomous College Affiliated to Bharathiar University Coimbatore -641008, Tamil Nadu, India.

# LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

### **B.Com INFORMATION TECHNOLOGY**

for 2022-23 admitted students

### **DEPARTMENT OF COMMERCE**





#### SRI KRISHNA ARTS AND SCIENCE COLLEGE **COIMBATORE - 641008**

#### **DEPARTMENT OF COMMERCE**

(2022-2023)

|       | I. PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)   |
|-------|--|
| PEO 1 | Be knowledgeable and industry relevant, possessing operational skills in serving as well as leading the domestic & global community in the area of Commerce. |
| PEO 2 | Acquire the information from various sources in solving the problems critically through digital platforms and demonstrate professionalism.                   |
| PEO 3 | Perform as a team player and develop effective communication skills with a passion for lifelong learning.  |
| PEO 4 | Become technologically competent with scientific, numerical and entrepreneurial skills in the area of Commerce.  |

|       | II. PROGRAMME LEARNING OUTCOMES (PLOs)   |
|-------|--|
| No.   | The Graduates of B.Com Information Technology programme will be able to:   |
| PLO1  | Describe the knowledge of Accounting and Finance concepts and functions in an integrated manner. (Cognitive)   |
| PLO2  | Apply financial, corporate, cost and management accounting concepts and taxation and auditing techniques to facilitate decision making, planning and control through critical thinking skills. (Cognitive) |
| PLO3  | Demonstrate principles and techniques to formulate operational solutions to the problems concerned, with planning, resourcing, allocation, appraisal and control. (Psychomotor Skills)                     |
| PLO4  | develop team work skills for effective collaboration to ad hoc diverse purposes. (Affective)   |
| PLO5  | Compare effective oral and written communication skills in the professional context.(Affective)  |
| PLO6  | Use a range of IT related skills in the use of word-processing, spreadsheets, software package applications, and in accessing online databases.(Affective)   |
| PLO7  | Elaborate accounting fundamentals and accounting specialization to find solutions to complex problems in business enterprises through numeracy.(Cognitive)   |
| PLO8  | Formulate relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business by leading a team. (Affective)                             |
| PLO9  | Apply the accounting and financial concepts in the real time situations as a course of lifelong learning.(Affective)   |
| PLO10 | Compare an entrepreneurial way of thinking that will allow them to identify and createbusiness opportunities that may be commercialized successfully. (Affective)  |
| PLO11 | Integrate Sensitivity towards ethical and moral issues and have ability to address them in the course of business. (Affective)   |

| III. | III. PROGRAMME LEARNING OUTCOMES VS GRADUATE ATTRIBUTES VSTAXONOMY OF VERBS |                   |                  |           |                      |                |           |                   |                   |                        |                          |           |             |           |
|------|---|-------------------|------------------|-----------|----------------------|----------------|-----------|-------------------|-------------------|------------------------|--------------------------|-----------|-------------|-----------|
|      |   |                   |                  |           |                      | uate A         | ttribut   | es                |                   |                        |                          | В         | loom        | s         |
| PLO  | Knowledge   | Critical Thinking | Practical Skills | Team work | Communication skills | Digital skills | Numeracy  | Leadership skills | Lifelong learning | Entrepreneurial skills | Ethics & Professionalism | Cognitive | Psychomotor | Affective |
| 1    |   |                   |                  |           |                      |                |           |                   |                   |                        |                          |           |             |           |
| 2    |   |                   |                  |           |                      |                |           |                   |                   |                        |                          | $\sqrt{}$ |             |           |
| 3    |   |                   |                  |           |                      |                |           |                   |                   |                        |                          |           |             |           |
| 4    |   |                   |                  | $\sqrt{}$ |                      |                |           |                   |                   |                        |                          |           |             | $\sqrt{}$ |
| 5    |   |                   |                  |           | $\sqrt{}$            |                |           |                   |                   |                        |                          |           |             | $\sqrt{}$ |
| 6    |   |                   |                  |           |                      |                |           |                   |                   |                        |                          |           |             | $\sqrt{}$ |
| 7    |   |                   |                  |           |                      |                | $\sqrt{}$ |                   |                   |                        |                          | $\sqrt{}$ |             |           |
| 8    |   |                   |                  |           |                      |                |           | $\sqrt{}$         |                   |                        |                          |           |             | $\sqrt{}$ |
| 9    |   |                   |                  |           |                      |                |           |                   | $\sqrt{}$         |                        |                          |           |             | $\sqrt{}$ |
| 10   |   |                   |                  |           |                      |                |           |                   |                   | $\sqrt{}$              |                          |           |             | $\sqrt{}$ |
| 11   |   |                   |                  |           |                      |                |           |                   |                   |                        | V                        |           |             | $\sqrt{}$ |

| IV. PROGRAMME LEARNING OUTOMES VS PROGRAMME EDUCATIONAL OBJECTIVES |           |           |       |       |  |  |  |  |  |  |  |
|--|-----------|-----------|-------|-------|--|--|--|--|--|--|--|
| DI O   |           |           |       |       |  |  |  |  |  |  |  |
| PLO  | PEO 1     | PEO 2     | PEO 3 | PEO 4 |  |  |  |  |  |  |  |
| PLO 1  | $\sqrt{}$ |           |       |       |  |  |  |  |  |  |  |
| PLO 2  |           | $\sqrt{}$ |       |       |  |  |  |  |  |  |  |
| PLO 3  | $\sqrt{}$ |           |       |       |  |  |  |  |  |  |  |
| PLO 4  |           |           | V     |       |  |  |  |  |  |  |  |
| PLO 5  |           |           | V     |       |  |  |  |  |  |  |  |
| PLO 6  |           |           |       |       |  |  |  |  |  |  |  |
| PLO 7  |           |           |       |       |  |  |  |  |  |  |  |
| PLO 8  | V         |           |       |       |  |  |  |  |  |  |  |
| PLO 9  |           |           | V     |       |  |  |  |  |  |  |  |
| PLO 10   |           |           |       |       |  |  |  |  |  |  |  |
| PLO 11   |           | V         |       |       |  |  |  |  |  |  |  |

|       | V. ADDITIONAL PROGRAMME OUTCOMES (APOS)   |  |  |  |  |  |  |  |  |
|-------|---|--|--|--|--|--|--|--|--|
| APO 1 | The students will have an ability in the social intelligence with Social Intelligent Quotient and Emotional Quotient (SIQ & EQ)                               |  |  |  |  |  |  |  |  |
| APO 2 | The students will be trained in virtual collaborative ability to enhance learning retention and motivation and encourage knowledge sharing and support. (VCA) |  |  |  |  |  |  |  |  |
| APO 3 | They will have critical thinking and innovative skills to stay competitive in their future careers and excel beyond the content knowledge (CTI)               |  |  |  |  |  |  |  |  |
| APO 4 | They will be provided with good digital foot print in the area of commerce and accounting in embarking lifelong learning techniques. (GDFP)                   |  |  |  |  |  |  |  |  |

#### VI. PROGRAMME SPECIFIC OUTCOMES (PSO's)

| PSO 1 | Develop proficiency in the management and accounting area in decision making,                                      |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|
|       | planning and performance management to formulate and implement organisation  |  |  |  |  |  |  |
|       | strategy.  |  |  |  |  |  |  |
| PSO 2 | Practical skill set in the field of accounting, entrepreneurship and taxation with analytical and precision skills |  |  |  |  |  |  |
| PSO 3 | Pursue professional course for higher education as a pathway of higher learning process.                           |  |  |  |  |  |  |

#### VII. Curriculum Structure for B.Com Information Technology

Course Components, Credits & Marks Distribution

| Part<br>No | Group | Basic Structure: Distribution of Courses   | Number<br>of<br>Courses | Total<br>Marks | Total Credits |
|------------|-------|--|-------------------------|----------------|---------------|
| I – IV     | 1     | AEC – Ability Enhancement Courses  | 11                      | 1100           | 30            |
|            | 2     | DSC – Discipline Specific Courses  | 15                      | 1500           | 58            |
| III& IV    | 3     | DSE – Discipline Specific Electives  | 10                      | 1000           | 40            |
|            | 4     | GEC – Generic Elective Courses   | 4                       | 400            | 12            |
| IV         | E     | ANCC I & II – Audit Non-Credit Courses   | 2                       | -              | -             |
| V          | 5     | ANCC III – Audit Non-Credit Courses  | 1                       | С              | ompleted      |
| -          | 6     | DTC – Drive Through Courses<br>(SWAYAM-NPTEL, Coursera, Any courses<br>certified by statutory bodies, etc) | Any<br>number           | -              | Addl. Credits |
|            |       | Total  |                         | 4000           | 140           |

#### **Group 1. Ability Enhancement Courses (AECs)**(11 Courses)

AEC are the courses based uponthe content that leads to knowledge enhancement. Ability Enhancement Courses (AEC) are the following:

| S.<br>No. | Course  | Course Title   | Semest<br>er | Ownership<br>Department | Conta<br>ct<br>Hour<br>s | Credits | Marks |
|-----------|---|--|--------------|-------------------------|--------------------------|---------|-------|
| 1         | 22AEC01/<br>22AEC07/<br>22AEC11/<br>22AEC17/<br>22AEC21 | AEC PART I: Language I: Tamil-I - TamizhumVanikamu m/ Hindi I/ French I/ Malayalam I/ Sanskrit I | I            | Language<br>Dept.       | 6                        | 3       | 100   |
| 2         | 22AEC25   | AEC Part II:<br>English-I<br>:Professional<br>English - I  | I            | English Dept.           | 6                        | 3       | 100   |

| 3     | 22AEC03/<br>22AEC08/<br>22AEC12/<br>22AEC18/<br>22AEC22 | AECPART I: Language II: Tamil-II - IlakkiyamumVanika Melanmaiyum / Hindi-II/ French–II/ Malayalam-II/ Sanskrit – II    | II  | Language<br>Dept.    | 6 | 3  | 100  |
|-------|---|--|-----|----------------------|---|----|------|
| 4     | 22AEC27   | AEC Part II:English - II: :Professional English - II   | II  | English<br>Dept      | 6 | 3  | 100  |
| 5     | 22AEC38   | AEC Part III: Academic Skills for Commerce and Management  | II  | Commerce<br>Dept.    | 3 | 3  | 100  |
| 6     | 22AEC46   | AEC Part III: Business Statistics and Applications   | II  | Mathematics<br>Dept. | 5 | 3  | 100  |
| 7     | 22AEC81/<br>22AEC83 /<br>22AEC85                        | AEC Part I: Language – III Tamil-III– Neelakkurinchi / Hindi-III – Pryojanmoolak Hindi /French-III – Advanced French I | III | Language<br>Dept.    | 3 | 2  | 100  |
| 8     | 22AEC91   | AEC Part II:<br>English III - Creative<br>Writing  | III | English<br>Dept.     | 3 | 2  | 100  |
| 9     | 22AEC58   | AEC Part III:<br>Capstone Project for<br>Commerce  | III | Commerce<br>Dept.    | - | 4  | 100  |
| 10    | 22AEC82 /<br>22AEC84 /<br>22AEC86                       | AEC Part I: Language – IV Tamil-IV– Semmullai / Hindi-IV – Takneeki Hindi Basha / French-IV – Advanced French II       | IV  | Language<br>Dept.    | 3 | 2  | 100  |
| 11    | 22AEC92   | AEC Part II: English III - English for Digital Media   | IV  | English<br>Dept.     | 3 | 2  | 100  |
| Total |   |  |     |                      |   | 30 | 1100 |

#### **Group 2. Discipline Specific Courses (DSCs)**(15 Courses)

These courses are to be studied compulsorily by the students as a core requirement. The students are required to take DSCs across six semesters. The courses designed under this category aim to cover the basics that a student is expected to imbibe in the particular discipline. It includes Major project.

| S.<br>No | Course Code   | Course Title                                 | Semest<br>er | Conta<br>ct<br>Hours | Credi<br>ts | Marks |
|----------|---|--|--------------|----------------------|-------------|-------|
| 1        | 22COU01/22CCU01/<br>22CIU01/22CPU01/<br>22BPU01/22CFU01/<br>22CNU01/22CEU01/<br>22CBA01/22CYU01 | Banking Theory and Practice                  | 1            | 4                    | 3           | 100   |
| 2        | 22COU02/22CCU02/<br>22CIU02/22CPU02/<br>22BPU02/22CFU02/<br>22CNU02/22CEU02/<br>22CBA02/22CYU02 | Financial Accounting -                       | 1            | 5                    | 4           | 100   |
| 3        | 22COU03/22CCU03/<br>22CIU03/22CPU03/<br>22BPU03/22CFU03/<br>22CNU03/22CEU03/<br>22CBA03/22CYU03 | Introduction to<br>Information<br>Technology | 1            | 4                    | 4           | 100   |
| 4        | 22COU04/22CCU04/<br>22CIU04/22CPU04/<br>22BPU04/22CFU04/<br>22CNU04/22CEU04/<br>22CBA04/22CYU04 | Business Mathematics                         | 1            | 5                    | 4           | 100   |
| 5        | 22COU05/22CCU05/<br>22CIU05/22CPU05/<br>22BPU05/22CFU05/<br>22CNU05/22CEU05/<br>22CBA05/22CYU05 | Organization and<br>Management               | 2            | 4                    | 4           | 100   |
| 6        | 22COU06/22CCU06/<br>22CIU06/22CPU06/<br>22BPU06/22CFU06/<br>22CNU06/22CEU06/<br>22CBA06/22CYU06 | Financial Accounting -                       | 2            | 6                    | 4           | 100   |
| 7        | 22COU07/22CCU07/<br>22CIU07/22CPU07/<br>22BPU07/22CFU07/<br>22CNU07/22CEU07/<br>22CBA07/22CYU07 | Marketing and Market<br>Research             | 3            | 6                    | 3           | 100   |
| 8        | 22COU08/22CCU08/<br>22CIU08/22CPU08/<br>22BPU08/22CFU08/<br>22CNU08/22CEU08/<br>22CBA08/22CYU08 | Business Law                                 | 3            | 6                    | 4           | 100   |
| 9        | 22COU09/22CCU09/<br>22CIU09/22CPU09/<br>22BPU09/22CFU09/<br>22CNU09/22CEU09/<br>22CBA09/22CYU09 | Corporate Accounting                         | 3            | 6                    | 4           | 100   |
| 10       | 22COU10/22CCU10/<br>22CIU10/22CPU10/<br>22BPU10/22CFU10/<br>22CNU10/22CEU10/<br>22CBA10/22CYU10 | Cost Accounting                              | 4            | 6                    | 4           | 100   |
| 11       | 22COU11/22CCU11/  | Computerized                                 | 4            | 5                    | 4           | 100   |

|    |   | Total                       |   |   | 58 | 1500 |
|----|---|-----------------------------|---|---|----|------|
| 15 | 22COU15/22CCU15/<br>22CIU15/22CPU15/<br>22BPU15/22CFU15/<br>22CNU15/22CEU15/<br>22CBA15/22CYU15 | Project Work                | 6 | - | 4  | 100  |
| 14 | 22COU14/22CCU14/<br>22CIU14/22CPU14/<br>22BPU14/22CFU14/<br>22CNU14/22CEU14/<br>22CBA14/22CYU14 | Indirect taxes              | 6 | 6 | 4  | 100  |
| 13 | 22COU13/22CCU13/<br>22CIU13/22CPU13/<br>22BPU13/22CFU13/<br>22CNU13/22CEU13/<br>22CBA13/22CYU13 | Income Tax Law and Practice | 5 | 6 | 4  | 100  |
| 12 | 22COU12/22CCU12/<br>22CIU12/22CPU12/<br>22BPU12/22CFU12/<br>22CNU12/22CEU12/<br>22CBA12/22CYU12 | Management<br>Accounting    | 5 | 6 | 4  | 100  |
|    | 22CIU11/22CPU11/<br>22BPU11/22CFU11/<br>22CNU11/22CEU11/<br>22CBA11/22CYU11                     | Accounting – Practical      |   |   |    |      |

#### Group 3. Discipline Specific Elective (DSEs) (10Courses)

Discipline Specific Elective courses offered under the main discipline of study which may be specialized or advanced or supportive to the discipline of study. Students can choose any TEN courses from the following list.

| S.<br>No | Course Code   | Course Title                    | Ownership<br>Department | Contact<br>Hours | Credi<br>ts | Marks |
|----------|---|---------------------------------|-------------------------|------------------|-------------|-------|
| 1        | 22CCU17A/22CIU17A/<br>22CEU17A/22CBA17A   | RDBMS                           | Computer Science Dept.  | 3                | 2           | 50    |
| I        | 22CCU17B/22CIU17B/<br>22CEU17B/22CBA17B   | Practical – RDBMS               | Computer Science Dept.  | 3                | 2           | 50    |
| 2        | 22CCU19A/22CIU19A/<br>22CEU19A  | OOPS with C++                   | Computer Science Dept.  | 3                | 2           | 50    |
|          | 22CCU19B/22CIU19B/<br>22CEU19B  | Practical - C++                 | Computer Science Dept.  | 2                | 2           | 50    |
| 3        | 22CCU16/22CIU16/<br>22CEU16   | E-Commerce                      | Commerce Dept.          | 4                | 3           | 100   |
| 4        | 22CIU18   | Technology<br>Management        | Commerce Dept.          | 5                | 4           | 100   |
| 5        | 22COU20/22CCU20/<br>22CIU20/22CPU20/<br>22BPU20/22CFU20/<br>22CNU20/22CEU20/<br>22CBA20/22CYU20 | Industrial Exposure<br>Training | Commerce Dept.          | -                | 5           | 100   |

|       | 22CCU21A/22CIU21A/<br>22CEU21A | Web Des<br>Developr               | signing and ment | -       | uter Science<br>Dept. | 3   | 2 | 50  |
|-------|--------------------------------|-----------------------------------|------------------|---------|-----------------------|-----|---|-----|
| 6     | 22CCU21B/22CIU21B/<br>22CEU21A | Practical<br>Designin<br>Developr | g and            |         | iter Science<br>Dept. | 2   | 2 | 50  |
| 7     | 22CIU22/<br>22CEU22            | Cloud Co                          | omputing         |         | ıter Science<br>Dept. | 5   | 4 | 100 |
| Stude | ents can Choose Any One o      | of the follo                      | wing Groups      |         | Бори.                 |     |   |     |
| Grou  | p - A:                         |                                   |                  |         |                       |     |   |     |
|       | 22COU23/22CCU                  | J23/                              |                  |         |                       |     |   |     |
|       | 22CIU23/22CPU                  | 23/                               |                  |         | Commerce              |     |   |     |
| 1     | /22CFU23/22CNU                 | J23/                              | Financial Se     | ervices | Dept.                 | 5   | 4 | 100 |
|       | 22CEU23/                       |                                   |                  |         | Dept.                 |     |   |     |
|       | 22CBA23/22CYL                  |                                   |                  |         |                       |     |   |     |
|       | 22COU26/22CCU                  |                                   |                  |         |                       |     |   |     |
|       | 22CIU26/22CPU                  |                                   | Investment       |         | Commerce              |     |   |     |
| 2     | 22BPU24/22CFU                  |                                   | banking          |         | Dept.                 | 5   | 4 | 100 |
|       | 22CNU26/22CEU                  |                                   | 2 arming         |         | 200                   |     |   |     |
|       | 22CBA26/22CYU                  |                                   |                  |         |                       |     |   |     |
|       | 22COU29/22CCU                  |                                   |                  |         |                       |     |   |     |
| 3     | 22CIU2922CPU2<br>22BPU27/22CFU |                                   | Behavioural      |         | Commerce              | 5   | 4 | 100 |
| 3     | 22CNU29/22CEU                  |                                   | Finance          |         | Dept.                 | ) 3 | 4 | 100 |
|       | 22CH029/22CLC<br>22CBA29/22CYU |                                   |                  |         |                       |     |   |     |
| Grou  | p - B:                         | ) <u>Z</u> 9                      |                  |         |                       |     | I |     |
|       | 22COU24/22CCL                  | J24/                              |                  |         |                       |     |   |     |
|       | 22CIU24/22CPU                  |                                   | Enterprise       |         |                       |     |   |     |
| 1     | 22CFU24/                       | ,                                 | Information      |         | Commerce              | 5   | 4 | 100 |
|       | 22CNU24/22CEU                  | J24/                              | System           |         | Dept.                 |     |   |     |
|       | 22CBA24/22CYU                  | J24                               |                  |         |                       |     |   |     |
|       | 22COU27/22CCL                  | J27/                              |                  |         |                       |     |   |     |
|       | 22CIU27/22CPU                  | 27/                               | Artificial       |         | Commerce              |     |   |     |
| 2     | 22BPU25/22CFU                  |                                   | Intelligence     | in      | Dept.                 | 5   | 4 | 100 |
|       | 22CNU27/22CEU                  |                                   | Business         |         | Вори.                 |     |   |     |
|       | 22CBA27/22CYU                  |                                   |                  |         |                       |     |   |     |
|       | 22COU30/22CCU                  |                                   |                  |         |                       |     |   |     |
|       | 22CIU30/22CPU                  |                                   | Business         |         | Commerce              | _   | 4 | 400 |
| 3     | 22BPU28/22CFU<br>22CNU30/22CEU |                                   | Incubation       |         | Dept.                 | 5   | 4 | 100 |
|       | 22CBA30/22CYU                  |                                   |                  |         |                       |     |   |     |
| Grou  | p - C:                         | <del>)</del> 500                  |                  |         |                       |     |   |     |
|       | 22COU25/22CCU                  | 125/                              |                  |         |                       |     |   |     |
|       | 22CIU25/22CPU                  |                                   | Security An      | alvsis  |                       |     |   |     |
| 1     | /22CFU25/                      | 201                               | and Portfoli     |         | Commerce              | 5   | 4 | 100 |
|       | 22CNU25/22CEU                  | J25/                              | Managemei        |         | Dept.                 |     |   | 100 |
|       | 22CBA25/22CYL                  |                                   |                  | -       |                       |     |   |     |
|       | 22COU28/22CCL                  |                                   |                  |         |                       |     |   |     |
|       | 22CIU28/22CPU                  |                                   | Finensia!        |         | Commercia             |     |   |     |
| 2     | 22BPU26/22CFU                  | J28/                              | Financial        |         | Commerce              | 5   | 4 | 100 |
|       | 22CNU28/22CEL                  | J28/                              | Derivatives      |         | Dept.                 |     |   |     |
|       | 22CBA28/22CYL                  | J28                               |                  |         |                       |     |   |     |

| 3 | 22COU31/22CCU31/<br>22CIU31/22CPU31/<br>22BPU29/22CFU31/<br>22CNU31/22CEU31/<br>22CBA31/22CYU31 | International<br>Finance | Commerce<br>Dept. | 5 | 4  | 100  |
|---|---|--------------------------|-------------------|---|----|------|
|   | -   | ΓΟΤΑL                    |                   |   | 40 | 1000 |

#### **Industrial Exposure Training (IET):**

Industrial Exposure Training during fifth semester for a period of 4 weeks.

The Continuous Internal Assessment mark distribution for IET is as follows:

| Component  | Mode of Conduct | Project Coverage | Marks |
|------------|-----------------|------------------|-------|
| 3 Reviews  | Presentation    | Phase by Phase   | 25    |
| Work Diary | Written         | Phase by Phase   | 10    |
| Report     | Submission      | Entire Process   | 15    |
|            |                 | Total            | 50    |

Viva-voce Marks for the Industrial Exposure Training will be given based on the report and viva-voce examination, conducted by the Department.

Report:30 Marks Viva-voce: 20 Marks Major Project:

During the Sixth semester each student should undertake a project work and submit the report. A guide will be allotted to each student by the Department. A student can select any research topic in discussion with the guide. The project report will be evaluated jointly by the internal and external examiners for **50 Marks** and Viva-voce examination shall be conducted jointly for **50 Marks**.

Three Reviews should be conducted and marks have to be entered in Myklassroom portal as follows:

Review - 25 Marks
Work Dairy - 10 Marks
Report - 15 Marks

Total – 50 (Internal) Marks End Semester Viva-Voce will be conducted for 50 (External) Marks.

(Dissertation - 30 Marks & Viva-voce - 20 Marks)

#### **Group 4. Generic Elective Courses (GECs)**(4 Courses)

Generic Elective Courses are interdisciplinary in nature. They are additional courses based on expertise, specialization, requirements, scope, and need of the department. The student has to subscribe any 5 courses in the following list:

| SI.<br>No. |         | Course Title | Semester | Ownership<br>Department | Contact<br>Hours | Credits | Marks |
|------------|---------|--------------|----------|-------------------------|------------------|---------|-------|
| 1          | 22GEU73 | Business     | 4        | Commerce                | 4                | 3       | 100   |

|   |         | Economics   |      | Dept.             |   |    |     |
|---|---------|---|------|-------------------|---|----|-----|
| 2 | 22GEU88 | Brand<br>Management   | 4    | Management Dept.  | 4 | 3  | 100 |
|   | 22GEU89 | Knowledge<br>Management                                       |      |                   |   |    |     |
|   | 22GEU90 | Human<br>Resource<br>Management                               |      |                   |   |    |     |
|   | 22GEU91 | Service<br>Marketing  |      |                   |   |    |     |
|   | 22GEU92 | Project<br>Management   |      |                   |   |    |     |
| 3 | 22GEU75 | Public Finance and Budgeting                                  | 5    | Commerce<br>Dept. | 4 | 3  | 100 |
|   | 22GEU76 | Macro<br>Economics  |      |                   |   |    |     |
|   | 22GEU77 | Computational<br>Finance using<br>Spread Sheet –<br>Practical |      |                   |   |    |     |
|   | 22GEU78 | Enterprise<br>Resource<br>Planning                            |      |                   |   |    |     |
|   | 22GEU79 | Business Ethics and Corporate Social Responsibility           |      |                   |   |    |     |
| 4 | 22GEU80 | Indian<br>Monetary<br>Policy and RBI                          | 6    | Commerce<br>Dept. | 4 | 3  | 100 |
|   | 22GEU81 | E-Filing of<br>Returns –<br>Practical                         |      |                   |   |    |     |
|   | 22GEU82 | Business<br>Intelligence                                      |      |                   |   |    |     |
|   | 22GEU83 | International<br>Business                                     |      |                   |   |    |     |
|   | 22GEU84 | Business<br>Strategy and<br>Technology                        |      |                   |   |    |     |
|   |         | Т   | otal |                   |   | 12 | 400 |

#### **Group 5. Audit Non-Credit Courses (ANCC)**

Non-Credit Courses are intended for students who want to gain general knowledge, learn a new skill, upgrade existing skills, enrich their understanding of a wide range of topics, or develop personal interests. A student has to complete any two courses during Semester I and II.

|        | Part IV- ANCC                    |                     |  |  |  |  |  |  |  |
|--------|----------------------------------|---------------------|--|--|--|--|--|--|--|
| S. No. | S. No. Course Code Course Name   |                     |  |  |  |  |  |  |  |
|        |                                  | Semester I - ANCC 1 |  |  |  |  |  |  |  |
| 1.     | 1. 22ANC01 Environmental Studies |                     |  |  |  |  |  |  |  |

|    | Se      | emester II - ANCC 2 - Values & Ethics |
|----|---------|---------------------------------------|
| 2. | 22ANC02 | Human Rights                          |
| 3. | 22ANC03 | Women's Rights                        |
| 4. | 22ANC04 | Yoga for Human Excellence             |
| 5. | 22ANC05 | Indian Culture and Heritage           |
| 6. | 22ANC06 | Introduction to Cyber Security        |
| 7. | 22ANC07 | Consumer Protection                   |
| 8. | 22ANC08 | Constitution of India                 |
| 9. | 22ANC09 | Waste Management                      |

Student has to take part in any one extension activity during their course of study.

|        | Par         | t V - ANCC 3 - Extension Activities |
|--------|-------------|-------------------------------------|
| S. No. | Course Code | Course Name                         |
| 1.     | 22ANC10     | National Service Scheme             |
| 2.     | 22ANC11     | National Cadet Corps                |
| 3.     | 22ANC12     | Youth Red Cross                     |
| 4.     | 22ANC13     | Red Ribbon Club                     |
| 5.     | 22ANC14     | Rotaract Club                       |
| 6.     | 22ANC15     | Sports                              |
| 7.     | 22ANC16     | Association Activities              |
| 8.     | 22ANC17     | Club Activities                     |

#### Group 6.

#### i) Drive-Through Course (DTC)I & II- Additional Credits

These courses are intended to bring out and promote the self-learning initiative of the students - where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study. It gives opportunities to the students to explore new areas of interest and earn additional credits. Students can take any number of courses under this cafeteria system. The credits will not be taken for CGPA calculation. Additional 4 credits per Course will be given on submission of certificate.

- 1. SWAYAM-NPTEL
- 2. Coursera
- 3. Any courses certified by statuary bodies.

#### ii)Drive-Through Course (DTC – III ) – To be Completed Internship Training/Mini Project/ Spoken Tutorial/Economic Talent test etc.

Students individually or with the maximum of four members per batch should take up either Internship training or mini project for a period of fifteen days during IV Semester vacation. The report will be evaluated and viva-voce examination will be conducted during 5th semester. Otherwise, the students have to complete one spoken tutorial course or any certification course suggested by the department.

## VIII. Semester-wise Scheme

|   |   | S         | emeste             | r I                  |              |             |                |         |                  |                  |
|---|---|-----------|--------------------|----------------------|--------------|-------------|----------------|---------|------------------|------------------|
| Course<br>Code  | Course Title  | T/P/<br>E | ESE<br>Dur.<br>Hrs | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks | Credits | SD/<br>EM/<br>EN | G/L/<br>R/N      |
| 22AEC01/<br>22AEC07/<br>22AEC11/<br>22AEC17/<br>22AEC21 | AEC PART I: Language I: Tamil-I - TamizhumVanikamum/ Hindi I/ French I/ Malayalam I/ Sanskrit I                     | Т         | 3                  | 6                    | 50           | 50          | 100            | 3       | SD               | R/N<br>G/R/<br>N |
| 22AEC25   | AEC PART II:<br>English I:<br>Professional English –  | Т         | 3                  | 6                    | 50           | 50          | 100            | 3       | SD               | G                |
| 22CIU01   | DSC-1 :<br>Banking Theory and<br>Practice   | Т         | 3                  | 4                    | 50           | 50          | 100            | 3       | EM               | G                |
| 22CIU02   | DSC-2:<br>Financial Accounting  | Т         | 3                  | 5                    | 50           | 50          | 100            | 4       | EM               | G                |
| 22CIU03   | DSC- 3:<br>Introduction to<br>Information<br>Technology   | Т         | 3                  | 4                    | 50           | 50          | 100            | 4       | EM               | G                |
| 22CIU04   | DSC-4 Business Mathematics  | Т         | 3                  | 5                    | 50           | 50          | 100            | 4       | SD/<br>EM        | G                |
| DTC - I - Addi  | tional Credit Courses (NP)  | TEL/C     | Coursera           | )                    |              |             |                | 4       |                  |                  |
| 22ANC01   | ANCC-1 (NF2F)<br>Environmental Studies  | Т         | -                  | 2                    | -            | -           | Comp           | pleted  |                  |                  |
|   | Total   |           |                    | 30+2                 |              |             | 600            | 21 + 4  |                  |                  |
|   |   | Se        | mester             | II                   |              |             |                |         |                  |                  |
| Course<br>Code  | Course Title  | T/P/<br>E | ESE<br>Dur.<br>Hrs | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks | Credits | SD/<br>EM/<br>EN | G/L/<br>R/N      |
| 22AEC03/<br>22AEC08/<br>22AEC12/<br>22AEC18/<br>22AEC22 | AECPART I: Language II: Tamil-II - IlakkiyamumVanikaMel anmaiyum / Hindi-II/ French–II/ Malayalam-II/ Sanskrit – II | Т         | 3                  | 6                    | 50           | 50          | 100            | 3       | SD               | R/N<br>G/R/<br>N |
| 22AEC27   | AEC PART II:<br>English II:<br>Professional English-II  | Т         | 3                  | 6                    | 50           | 50          | 100            | 3       | SD               | G                |

| 22AEC38                         | AEC Part III: Academic Skills for Commerce and Management  | Т         | 3             | 3                    | 50           | 50          | 100            | 3       | SD/<br>EM        | G             |
|---------------------------------|--|-----------|---------------|----------------------|--------------|-------------|----------------|---------|------------------|---------------|
| 22AEC46                         | AEC Part III: Business Statistics and Applications   | Т         | 3             | 5                    | 50           | 50          | 100            | 3       | SD/<br>EM        | G             |
| 22CIU05                         | DSC- 5<br>Organization and<br>Management   | Т         | 3             | 4                    | 50           | 50          | 100            | 4       | EN               | G             |
| 22CIU06                         | DSC- 6<br>Financial Accounting -<br>II   | Т         | 3             | 6                    | 50           | 50          | 100            | 4       | ЕМ               | G             |
| DTC II : Additi                 | onal Credit Courses (NPT)  | EL/C      | oursera)      |                      |              |             |                | 4       |                  |               |
| 22ANC09                         | ANCC-2 (NF2F):   | Т         | -             | 2                    | -            | _           | Comp           | pleted  |                  |               |
|                                 | Waste Management Total   |           |               | 30+2                 |              |             | 600            | 20+4    |                  |               |
|                                 |  | C-0       |               |                      | •            | •           |                |         |                  |               |
|                                 |  | Se        | mester<br>ESE |                      |              |             |                |         |                  |               |
| Course<br>Code                  | Course Title   | T/P/<br>E | Dur.<br>Hrs   | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks | Credits | SD/<br>EM/<br>EN | G/L/<br>R/N   |
| 22AEC81/<br>22AEC83/<br>22AEC85 | AEC Part I: Language – III Tamil-III– Neelakkurinchi /Hindi-III – Pryojanmoolak Hindi / French-III – Advanced French I | Т         | 3             | 3                    | 50           | 50          | 100            | 2       | SD               | R/<br>N/<br>G |
| 22AEC91                         | AEC Part II:<br>English-III Creative<br>Writing  | Т         | 3             | 3                    | 50           | 50          | 100            | 2       | SD               | G             |
| 22AEC58                         | AEC Part III:<br>Capstone Project for<br>Commerce  | -         | 3             | -                    | 50           | 50          | 100            | 4       | SD/<br>EM/<br>EN | G             |
| 22CIU07                         | DSC-7<br>Marketing and Market<br>Research  | Т         | 3             | 6                    | 50           | 50          | 100            | 3       | EN               | G             |
| 22CIU08                         | DSC-8<br>Business Law  | Т         | 3             | 6                    | 50           | 50          | 100            | 4       | SD               | N             |
| 22CIU09                         | DSC-9<br>Corporate Accounting  | Т         | 3             | 6                    | 50           | 50          | 100            | 4       | SD/<br>EM        | N             |
| 22CIU17A                        | DSE 1A – RDBMS   | Е         | 3             | 3                    | 25           | 25          | 50             | 2       | SD               | G             |
| 22CIU17B                        | <b>DSE 1B –</b> Practical – RDBMS  | Е         | 3             | 3                    | 25           | 25          | 50             | 2       |                  |               |
|                                 | Total  | •         |               | 30                   |              |             | 700            | 23      |                  |               |
|                                 |  | Se        | mester        | IV                   |              |             |                |         |                  |               |
|                                 |  |           | mostel        | TV                   |              |             |                |         |                  |               |

|   |  |           | ESE                |                      |              |             |                |         |                  |                                     |
|---|--|-----------|--------------------|----------------------|--------------|-------------|----------------|---------|------------------|-------------------------------------|
| Course<br>Code  | Course Title   | T/P/<br>E | Dur.<br>Hrs        | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks | Credits | SD/<br>EM/<br>EN | G/L/<br>R/N<br>ET<br>PR<br>OFI<br>T |
| 22AEC82/<br>22AEC84/<br>22AEC86                         | AEC Part I: Language – IV Tamil-IV– Semmullai / Hindi-IV – Takneeki Hindi Basha / French-IV – Advanced French II | Т         | 3                  | 3                    | 50           | 50          | 100            | 2       | SD               | R/<br>N/<br>G                       |
| 22AEC92   | AEC Part II:<br>English-IV<br>English for Digital<br>Media   | Т         | 3                  | 3                    | 50           | 50          | 100            | 2       | SD               | Ð                                   |
| 22CIU10   | DSC-10<br>Cost Accounting  | Т         | 3                  | 6                    | 50           | 50          | 100            | 4       | SD/<br>EM/<br>EN | G                                   |
| 22CIU11   | DSC – 11<br>Computerized<br>Accounting - Practical   | Р         | 3                  | 5                    | 50           | 50          | 100            | 4       | SD/<br>EM        | N                                   |
| 22CIU19A  | DSE 2A -<br>OOPS with C++  | Е         | 3                  | 3                    | 25           | 25          | 50             | 2       | SD               | G                                   |
| 22CIU19B  | DSE 2B -<br>Practical - C++  |           | 3                  | 2                    | 25           | 25          | 50             | 2       | •                |                                     |
| 22GEU73   | GEC 1 -<br>Business Economics  | Т         | 3                  | 4                    | 50           | 50          | 100            | 3       | EN               | G                                   |
| 22GEU88/<br>22GEU89/<br>22GEU90/<br>22GEU91/<br>22GEU92 | GEC 2 – Brand Management/ Knowledge Management/ Human resource Management /Service Marketing/ Project Management | Т         | 3                  | 4                    | 50           | 50          | 100            | 3       | EM               | G                                   |
|   | Total  |           |                    | 30                   |              |             | 700            | 22      |                  |                                     |
|   |  |           |                    |                      |              |             |                |         |                  |                                     |
|   |  | Se        | mester             | V                    |              |             |                |         |                  |                                     |
| Course<br>Code  | Course Title   | T/P/<br>E | ESE<br>Dur.<br>Hrs | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks | Credits | SD/<br>EM/<br>EN | G/L/<br>R/N                         |
| 22CIU12   | DSC 12 –<br>Management<br>Accounting   | Т         | 3                  | 6                    | 50           | 50          | 100            | 4       | SD/<br>EM/<br>EN | N                                   |
| 22CIU13   | DSC 13 –<br>Income Tax Law and<br>Practice   | Т         | 3                  | 6                    | 50           | 50          | 100            | 4       | SD/<br>EM        | N                                   |

| 22CIU16   | DSE 3 :<br>E-Commerce  | Т               | 3                            | 4                    | 50           | 50          | 50                    | 3          | EN                               | G                  |
|---|--|-----------------|------------------------------|----------------------|--------------|-------------|-----------------------|------------|----------------------------------|--------------------|
| 22CIU18   | DSE 4:<br>Technology<br>Management   | Т               | 3                            | 5                    | 50           | 50          | 100                   | 4          | EM                               | G                  |
| 22CIU20   | DSE 5:<br>Industrial Exposure<br>Training  | -               | 3                            | 4<br>Weeks           | 50           | 50          | 100                   | 5          | SD/<br>EM/<br>EN                 | G                  |
| 22CIU21A  | DSE 6A – Web Designing and Development   | Е               | 3                            | 3                    | 25           | 25          | 50                    | 2          | SD                               | G                  |
| 22CIU21B  | DSE 6B – Practical- Web Designing and Development  | Е               | 3                            | 2                    | 25           | 25          | 50                    | 2          | SD                               | G                  |
| 22GEU75/<br>22GEU76/<br>22GEU77/<br>22GEU78/<br>22GEU79 | GEC 3 – Public Finance and Budgeting/ Macro Economics/ Computational Finance using Spread Sheet – Practical / Enterprise Resource Planning / Business Ethics and Corporate Social Responsibility | Т               | 3                            | 4                    | 50           | 50          | 100                   | 3          | EM                               | G                  |
|   | Date Thereses  |                 | Completed                    |                      |              |             |                       |            |                                  |                    |
| Course<br>Code by the<br>Department                     | Drive Through Course III – Internship/ Mini Project/ Spoken Tutorial /Economic talent test   |                 |                              |                      | Com          | pleted      |                       |            |                                  |                    |
| Code by the   | Course III –<br>Internship/<br>Mini Project/<br>Spoken Tutorial  |                 |                              | 30                   | Com          | pleted      | 700                   | 27         |                                  |                    |
| Code by the   | Course III –<br>Internship/<br>Mini Project/<br>Spoken Tutorial<br>/Economic talent test   | Se<br>T/P/<br>E | mester<br>ESE<br>Dur.<br>Hrs |                      | CIA<br>Marks | ES          | 700<br>Total<br>Marks | 27 Credits | SD/<br>EM/<br>EN                 | G/L/<br>R/N<br>T   |
| Code by the Department  Course                          | Course III – Internship/ Mini Project/ Spoken Tutorial /Economic talent test  Total  | T/P/            | ESE<br>Dur.                  | Ins.<br>Hrs/         | CIA          | ES          | Total                 |            | EM/<br>EN<br>SD/E<br>M/EN        | R/N                |
| Code by the Department  Course Code                     | Course III – Internship/ Mini Project/ Spoken Tutorial /Economic talent test  Total  Course Title  DSC – 14 Indirect Taxes  DSC-15 Project Work  | T/P/<br>E       | ESE<br>Dur.<br>Hrs           | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks        | Credits    | SD/E<br>M/EN<br>SD/<br>EM/<br>EN | R/N<br>T<br>N<br>G |
| Course Code  22CIU14                                    | Course III – Internship/ Mini Project/ Spoken Tutorial /Economic talent test  Total  Course Title  DSC – 14 Indirect Taxes  DSC-15   | <b>T/P/E</b>    | ESE<br>Dur.<br>Hrs           | Ins.<br>Hrs/<br>Week | CIA<br>Marks | ES<br>Marks | Total<br>Marks        | Credits 4  | SD/E<br>M/EN<br>SD/<br>EM/       | R/N<br>T           |

| 22CIU26/<br>22CIU27/<br>22CIU28   | DSE - 9 Investment banking/ Artificial Intelligence in Business/ Financial Derivatives   | Т  | 3    | 5  | 50 | 50 | 100   | 4                     | SD/<br>EM/<br>EN | G |
|---|--|--|------|----|----|----|-------|-----------------------|------------------|---|
| 22CIU29/<br>22CIU30/<br>22CIU31   | DSE – 10 Behavioural Finance / Business Incubation/ International Finance  |  | 3    | 5  | 50 | 50 | 100   | 4                     | SD/<br>EM/<br>EN | G |
| 22GEU80/<br>22GEU81/<br>22GEU82/<br>22GEU83/<br>22GEU84   | GEC 4 – Indian Monetary Policy and RBI/ E-Filing of Returns – Practical/ Business Intelligence/ International Business/ Business Strategy and Technology | T / P  | 3    | 4  | 50 | 50 | 100   | 3                     | EM               | G |
|   | ANCC3: Extension Activities  | -  | 3    | -  | -  | -  | Grade | -                     | SD               | N |
| Total   |  |  | otal | 30 |    |    | 700   | 27                    |                  |   |
|   |  |  |      |    |    |    | 4000  | 140 +8                |                  |   |
| Drive-Through Course (DTC): Courses offered in SWAYAM-NPTEL, Coursera OR Any courses certified by statutory bodies. |  | Additional 4 credits per Course will be given on submission of Certificate |      |    |    |    |       | emester I<br>ester VI |                  |   |

| The Courses focuses the following needs: |           |             |            |         |  |  |  |  |
|--|-----------|-------------|------------|---------|--|--|--|--|
| Needs                                    | G- Global | N –Regional | R-Regional | L-Local |  |  |  |  |
| SD                                       |           | Skill De    | velopment  |         |  |  |  |  |
| EM                                       |           | Empl        | oyability  |         |  |  |  |  |
| EN                                       |           | Entrepr     | eneurship  |         |  |  |  |  |

#### **Semester-wise Distribution of Marks and Credits:**

| Semester | Total Marks | Total Credits |
|----------|-------------|---------------|
| I        | 600         | 21 + 4        |
| II       | 600         | 20 + 4        |
| III      | 700         | 23            |
| IV       | 700         | 22            |
| V        | 700         | 27            |
| VI       | 700         | 27            |
| Total    | 4000        | 140+8         |

### **OFFERED BY** List of Courses Offered by Mathematics Department

| Semester | Course<br>Code | Course Name                                      | Programme             | T/ P/<br>E | Ins.<br>Hrs | CIA | ES | Total<br>Marks | Credit |
|----------|----------------|--|-----------------------|------------|-------------|-----|----|----------------|--------|
| I        | 22CIU04        | DSC 3: Business Mathematics                      | AII<br>Commerce<br>UG | Т          | 5           | 50  | 50 | 100            | 4      |
| II       | 22AEC46        | AEC-6 Business<br>Statistics and<br>Applications | All<br>Commerce<br>UG | Т          | 5           | 50  | 50 | 100            | 3      |

#### List of Courses Offered by Management Science Department

| Semester | Course<br>Code | Course Name                     | Programme             | T/ P/<br>E | Ins.<br>Hrs | CIA | ES | Total<br>Marks | Credit |
|----------|----------------|---------------------------------|-----------------------|------------|-------------|-----|----|----------------|--------|
| IV       | 22GEU88        | GEC 2: Brand Management         | AII<br>Commerce<br>UG | Т          | 4           | 50  | 50 | 100            | 3      |
| IV       | 22GEU89        | Knowledge<br>Management         | AII<br>Commerce<br>UG | Т          | 4           | 50  | 50 | 100            | 3      |
| IV       | 22GEU90        | Human<br>Resource<br>Management | AII<br>Commerce<br>UG | Т          | 4           | 50  | 50 | 100            | 3      |
| IV       | 22GEU91        | Services<br>Marketing           | AII<br>Commerce<br>UG | Т          | 4           | 50  | 50 | 100            | 3      |
| IV       | 22GEU92        | Project<br>Management           | AII<br>Commerce<br>UG | Т          | 4           | 50  | 50 | 100            | 3      |

### List of Courses Offered by Bio Science Department

| Semester | Course<br>Code | Course Name                                | Programme | T/<br>P/<br>E | Ins.<br>Hrs | CIA | ES | Total<br>Marks | Credit |
|----------|----------------|--|-----------|---------------|-------------|-----|----|----------------|--------|
| I        | 22ANC01        | ANCC-2<br>(NF2F):Environm<br>ental Studies | All UG    | Т             | 2           | 50  | 50 | 100            | 3      |
| II       | 22ANC09        | ANCC-2 (NF2F): Waste Management            | All UG    | Т             | 2           | 50  | 50 | 100            | 3      |

#### List of Courses Offered to Management Science Department

| Semester | Course<br>Code | Course Name         | Programme       |   | Ins.<br>Hrs | CIA | ES | Total<br>Marks | Credit |
|----------|----------------|---------------------|-----------------|---|-------------|-----|----|----------------|--------|
| III      | 22GEU72        | Cost and Management | BBA/BBA<br>(CA) | Т | 4           | 50  | 50 | 100            | 3      |

|    |         | Accounting for Business           |              |   |   |    |    |     |   |
|----|---------|-----------------------------------|--------------|---|---|----|----|-----|---|
| IV | 22GEU74 | Business<br>Taxation              | BBA/BBA (CA) | Т | 4 | 50 | 50 | 100 | 3 |
| V  | 22GEU75 | Public Finance and Budgeting      | BBA/BBA (CA) | Т | 4 | 50 | 50 | 100 | 3 |
| VI | 22GEU80 | Indian Monetary<br>Policy and RBI | BBA/BBA (CA) | Т | 4 | 50 | 50 | 100 | 3 |

#### List of Courses Offered by **Computer Science** Department

| Semester | Course<br>Code | Course Name                              | Programme                  | T/<br>P/<br>E | Ins.<br>hrs | CIA | ES | Total<br>Marks | Credit |
|----------|----------------|--|----------------------------|---------------|-------------|-----|----|----------------|--------|
| III      | 22CIU17A       | RDBMS                                    | B.Com CA<br>B.Com IT       |               | 3           | 25  | 25 | 50             | 2      |
|          | 22CIU17B       | Practical – RDBMS                        | B.Com<br>E.Com<br>B.Com BA | E.Com         | E           | 3   | 25 | 25             | 50     |
|          | 22CIU19A       | OOPS with C++                            | B.Com CA<br>B.Com IT       |               | 3           | 25  | 25 | 50             | 2      |
| IV       | 22CIU19B       | Practical - C++                          | B.Com<br>E.Com             | E             | 2           | 25  | 25 | 50             | 2      |
|          | 22CIU21A       | Web Designing and Development            | B.Com CA<br>B.Com IT       |               | 3           | 25  | 25 | 50             | 2      |
| V        | 22CIU21B       | Practical- Web Designing and Development | B.Com<br>E.Com             | Е             | 2           | 25  | 25 | 50             | 2      |
|          | 22CIU22        | Cloud Computing                          | B.Com IT<br>B.Com<br>E.Com | Т             | 5           | 50  | 50 | 100            | 4      |