



# Guru Nanak College (Autonomous)

(Affiliated to University of Madras & Re-Accredited At "A" Grade by NAAC)

No. 161, Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu

Website: [www.gurunanakcollege.edu.in](http://www.gurunanakcollege.edu.in)

3.1. Number of courses in all programs year-wise during the last five years

Summary Sheet

|| 2016-17 to 2020-21 ||



# **GURU NANAK COLLEGE**

## **(AUTONOMOUS)**

Guru Nanak Salai, Velachery, Chennai - 42  
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Office : 2245 1746 / 2244 4621  
Hostel : 2245 1273  
Fax : (044) 2244 7373  
Email : principal@gurunanakcollege.edu.in  
Web : www.gurunanakcollege.edu.in

**Sardar Rajinder Singh Bhasin**  
President

**Sardar Manjit Singh Nayar**  
General Secretary & Correspondent

**Dr. M.G. Ragunathan** M.Sc., M.Phil., Ph.D., PGDESD  
Principal

Date: 30-12-2021

### **TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the number of Courses offered by the institution across all programs during the last five years are as given below:

| Years  | 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|--------|---------|---------|---------|---------|---------|
| Number | 580     | 640     | 677     | 658     | 633     |

PRINCIPAL

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GURU NANAK COLLEGE (AUTONOMOUS)  
GURU NANAK SALAI, VELACHERY  
CHENNAI-600 042



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Principal

## 3.1 Number of courses offered during last five years

| Programme Code | Name of the Programme                                 | 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|----------------|-------------------------------------------------------|---------|---------|---------|---------|---------|
| 1017           | B.A. Defence and Strategic Studies (Shift I)          | 24      | 24      | 24      | 24      | 24      |
| 1018           | B.A. Economics (Shift I)                              | 24      | 24      | 24      | 24      | 24      |
| 1036           | B.Com. (General) (Shift I & II)                       | 6       | 28      | 28      | 28      | 27      |
| 1042           | B.Com. (Corporate Secretaryship) (Shift I & II)       | 7       | 23      | 23      | 23      | 23      |
| 1050           | B.Sc. Advanced Zoology and Biotechnology (Shift I)    | 18      | 18      | 18      | 18      | 18      |
| 1054           | B.Sc. Chemistry (Shift I)                             | 16      | 16      | 16      | 16      | 16      |
| 1075           | B.Sc. Mathematics (Shift I)                           | 19      | 19      | 20      | 20      | 20      |
| 1083           | B.Sc. Physics (Shift I)                               | 15      | 15      | 15      | 15      | 15      |
| 1085           | B.Sc. Plant Biology and Plant Biotechnology (Shift I) | 18      | 18      | 18      | 18      | 18      |
| 1008           | B.A. English (Shift II)                               | 23      | 24      | 24      | 24      | 24      |
| 1033           | Bachelor of Computer Applications- BCA (Shift II)     | 12      | 16      | 17      | 17      | 17      |
| 1034           | B.Com. (Accounting & Finance) (Shift II)              | 4       | 9       | 25      | 25      | 26      |
| 1035           | B.Com. (Bank Management) (Shift II)                   | 4       | 7       | 23      | 23      | 23      |
| 1043           | B.Com. (Honours) (Shift II)                           | 31      | 32      | 32      | 32      | 33      |
| 1044           | B.Com. (Information System Management) (Shift II)     | 5       | 5       | 20      | 20      | 19      |
| 1045           | B.Com. (Marketing Management) (Shift II)              | 7       | 8       | 25      | 25      | 25      |
| 1052           | B.Sc. Biotechnology (Shift II)                        | 22      | 20      | 20      | 20      | -       |
| 1058           | B.Sc. Computer Science (Shift II)                     | 12      | 13      | 13      | 13      | 12      |
| 1090           | B.Sc. Visual Communication (Shift II)                 | 12      | 12      | 10      | 10      | 10      |

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|                   |                                                     |            |            |            |            |            |
|-------------------|-----------------------------------------------------|------------|------------|------------|------------|------------|
| 1096              | Bachelor of Business Administration- BBA (Shift II) | 7          | 7          | 23         | 23         | 23         |
| 1100              | B.Sc. Information Technology (Shift II)             | 18         | 18         | 19         | -          | -          |
| 2020              | M.A. Economics (Shift I)                            | 20         | 20         | 22         | 22         | 22         |
| 2083              | M.Com. (General) (Shift I)                          | 20         | 22         | 21         | 21         | 20         |
| 2049              | M.Sc. Chemistry (Shift I)                           | 16         | 14         | 14         | 14         | 14         |
| 3036              | Master of Business Administration-MBA (Shift II)    | 28         | 28         | 28         | 28         | 28         |
| 3037              | Master of Computer Applications-MCA (Shift II)      | 20         | 28         | 28         | 28         | 28         |
| 2069              | M.Sc. Mathematics (Shift II)                        | 21         | 21         | 20         | 20         | 20         |
| 2077              | M.Sc. Zoology (Shift II)                            | 17         | 17         | 16         | 15         | 15         |
| 2091              | Master of Social Work (MSW) (Shift II)              | 32         | 32         | 33         | 33         | 33         |
| 2104              | M.A. Defence and Strategic Studies (Shift II)       | 21         | 20         | -          | -          | -          |
| 4020              | M.Phil. Economics (Shift I)                         | -          | 3          | 3          | 3          | 3          |
| 4077              | M.Phil. Zoology (Shift I)                           | -          | 3          | 3          | 3          | 3          |
| Common<br>Courses | Languages                                           | 26         | 26         | 26         | 26         | 24         |
|                   | Value Education                                     | 1          | 1          | 1          | 1          | 1          |
|                   | Environmental science                               | 1          | 1          | 1          | 1          | 1          |
|                   | Soft skill                                          | 11         | 11         | 12         | 13         | 12         |
|                   | Mathematics                                         | 6          | 6          | 6          | 6          | 6          |
|                   | Commerce, Management and IT                         | 25         | 25         | -          | -          | -          |
|                   | Computer Science                                    | 5          | -          | -          | -          | -          |
|                   | Sciences                                            | 6          | 6          | 6          | 6          | 6          |
| <b>TOTAL</b>      |                                                     | <b>580</b> | <b>640</b> | <b>677</b> | <b>658</b> | <b>633</b> |

  
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3.1. Number of courses in all programs year-wise during the last five

Supporting Documents

Course Structure of Programmes

|| 2016-17 to 2020-21 ||

# **GURU NANAK COLLEGE (AUTONOMOUS)**

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Guru Nanak Salai, Velachery, Chennai 600042



## **COURSE STRUCTURE OF PROGRAMMES**

## Course Structure - Index

| S. No                                   | Programmes                              | Year    |
|-----------------------------------------|-----------------------------------------|---------|
| <b>School of Humanities</b>             |                                         |         |
| 1                                       | B.A (Economics)                         | 2016-17 |
| 2                                       | B.A (Defence & Strategic Studies)       | 2016-17 |
| 3                                       | B.A (English Literature)                | 2016-17 |
| 4                                       | M.A (Economics)                         | 2016-17 |
| 5                                       | M.S.W                                   | 2016-17 |
| 6                                       | M.A (Defence & Strategic Studies)       | 2019-20 |
| 7                                       | M.Phil (Economics)                      | 2016-17 |
| <b>School of Sciences</b>               |                                         |         |
| 8                                       | B.Sc (Mathematics)                      | 2016-17 |
| 9                                       | B.Sc (Physics)                          | 2016-17 |
| 10                                      | B.Sc (Chemistry)                        | 2016-17 |
| 11                                      | B.Sc (Plant Biology & Biotechnology)    | 2016-17 |
| 12                                      | B.Sc (Advanced Zoology & Biotechnology) | 2016-17 |
| 13                                      | B.Sc (Biotechnology)                    | 2017-18 |
| 14                                      | B.Sc (Visual Communication)             | 2016-17 |
| 15                                      | M.Sc (Chemistry)                        | 2016-17 |
| 16                                      | M.Sc (Mathematics)                      | 2016-17 |
| 17                                      | M.Sc (Zoology)                          | 2016-17 |
| 18                                      | M.Phil (Zoology)                        | 2016-17 |
| <b>School of Commerce</b>               |                                         |         |
| 19                                      | B.Com (General) I & II                  | 2016-17 |
| 20                                      | B.Com (Corporate Secretaryship I & II)  | 2016-17 |
| 21                                      | B.Com (Accounting & Finance)            | 2016-17 |
| 22                                      | B.Com (Honours)                         | 2016-17 |
| 23                                      | M.Com (General)                         | 2016-17 |
| <b>School of Management</b>             |                                         |         |
| 24                                      | B.B.A                                   | 2016-17 |
| 25                                      | B.Com (Bank Management)                 | 2016-17 |
| 26                                      | B.Com (Marketing Management)            | 2016-17 |
| 27                                      | M.B.A                                   | 2016-17 |
| <b>School of Information Technology</b> |                                         |         |
| 28                                      | B.C.A                                   | 2016-17 |
| 29                                      | B.Sc (Computer Science)                 | 2016-17 |
| 30                                      | B.Com (Information System Management)   | 2016-17 |
| 31                                      | B.Sc (Information Technology)           | 2018-19 |
| 32                                      | M.C.A                                   | 2016-17 |

## COURSE STRUCTURE 2016-17 BATCH

| Semester                                       | Part | Course Component      | Subject Code | Subject Name                          | Credits | Hours | Internal | External | Total |
|------------------------------------------------|------|-----------------------|--------------|---------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                   | I    | Language              | 16UTAMF01    | Tamil - I / Other Language            | 3       | 6     | 50       | 50       | 100   |
|                                                | II   | English               | 16UENGF41    | English - I                           | 3       | 4     | 50       | 50       | 100   |
|                                                | III  | Core-I                | 16UECOC01    | Micro Economics- I                    | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-II               | 16UECOC02    | Statistical Methods - I               | 4       | 5     | 50       | 50       | 100   |
|                                                | III  | Allied-I              | 16UECOA01    | Industrial Economics                  | 5       | 5     | 50       | 50       | 100   |
|                                                | IV   | Non Major Elective-I  | 16UNME01A    | Basics of Capital Market              | 2       | 2     |          | 100      | 100   |
|                                                | IV   | Soft Skills-I         | 16UGSLS01    | Listening and Speaking Skills         | 3       | 2     |          | 100      | 100   |
| Total Credits -24, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Semester - II                                  | I    | Language              | 16UTAMF02    | Tamil - II / Other Language           | 3       | 6     | 50       | 50       | 100   |
|                                                | II   | English               | 16UENGF42    | English - II                          | 3       | 4     | 50       | 50       | 100   |
|                                                | III  | Core-III              | 16UECOC03    | Micro Economics- II                   | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-IV               | 16UECOC04    | Statistical Methods - II              | 4       | 5     | 50       | 50       | 100   |
|                                                | III  | Allied-II             | 16UECOA02    | Entrepreneurial Development -I        | 5       | 5     | 50       | 50       | 100   |
|                                                | IV   | Non Major Elective-II | 16UNME02A    | Indian Economy for Civil Service Exam | 2       | 2     |          | 100      | 100   |
|                                                | IV   | Soft Skills-II        | 16UGSLS02    | Reading and Writing Skills            | 3       | 2     |          | 100      | 100   |
| Total Credits -24, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Semester - III                                 | III  | Language              | 16UTAMF03    | Tamil - III / Other Language          | 3       | 6     | 50       | 50       | 100   |
|                                                | III  | English               | 16UENGF43    | English - III                         | 3       | 4     | 50       | 50       | 100   |
|                                                | III  | Core-V                | 16UECOC05    | Macro Economics - I                   | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-VI               | 16UECOC06    | Money and Banking - I                 | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Allied-III            | 16UECOA03    | Basic mathematics for Economists      | 5       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills-III       | 16UGSLS03    | Personality Enrichment                | 3       | 2     |          | 100      | 100   |
| Total Credits -22, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Semester - IV                                  | III  | Language              | 16UTAMF04    | Tamil - IV/ Other Language            | 3       | 6     | 50       | 50       | 100   |
|                                                | III  | English               | 16UENGF44    | English - IV                          | 3       | 4     | 50       | 50       | 100   |
|                                                | III  | Core-VII              | 16UECOC07    | Macro Economics - II                  | 5       | 5     | 50       | 50       | 100   |
|                                                | III  | Core-VIII             | 16UECOC08    | Money and Banking - II                | 4       | 5     | 50       | 50       | 100   |
|                                                | IV   | Allied-IV             | 16UECOA04    | Basic Econometric Methods             | 5       | 6     | 50       | 50       | 100   |
|                                                | IV   | EVS                   | 16UEVS401    | Environmental Studies                 | 2       | 2     |          | 100      | 100   |
|                                                | IV   | Soft Skills-IV        | 16UGSLS04    | Computing Skills                      | 3       | 2     |          | 100      | 100   |
| Total Credits -25, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Semester - V                                   | III  | Core-IX               | 16UECOC09    | Indian Economic Development - I       | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-X                | 16UECOC10    | Fiscal Economics - I                  | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-XI               | 16UECOC11    | International Economics - I           | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-XII              | 16UECOC12    | Development of Economics of Doctrine  | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective-I            | 16UECOE01    | Economics of Population Studies       | 5       | 4     | 50       | 50       | 100   |
|                                                | IV   | Value Education       | 16UVED401    | Value Education                       | 2       | 2     |          | 100      | 100   |
| Total Credits -23, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Semester - VI                                  | III  | Core-XIII             | 16UECOC13    | Indian Economic Development- II       | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-XIV              | 16UECOC14    | Fiscal Economics - II                 | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core-XV               | 16UECOC15    | International Economics - II          | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective-II           | 16UECOE02    | Marketing                             | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective-III          | 16UECOE03    | Urban Economics                       | 5       | 6     | 50       | 50       | 100   |
|                                                | V    | Extension Activities  |              | Extension Activities                  | 1       |       |          |          |       |
| Total Credits -22, Total Hours/ week-30        |      |                       |              |                                       |         |       |          |          |       |
| Grand Total Credits -140 Total Hours/ week-180 |      |                       |              |                                       |         |       |          |          |       |

# B.A. DEFENCE AND STRATEGIC STUDIES COURSE STRUCTURE 2016-17 BATCH

| Semester                                | Part | Course Component      | Subject Code | Subject Name                                         | Credits | Hours | Internal | External | Total |
|-----------------------------------------|------|-----------------------|--------------|------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                            | I    | Language              | 16UTAMF01    | Tamil I                                              | 3       | 6     | 50       | 50       | 100   |
|                                         | II   | English               | 16UENGF41    | English I                                            | 3       | 6     | 50       | 50       | 100   |
|                                         | III  | Core Paper-I          | 16UDEFC01    | Strategic Study of India                             | 4       | 5     | 50       | 50       | 100   |
|                                         | III  | Core Paper-II         | 16UDEFC02    | Fundamentals of War and Peace                        | 4       | 5     | 50       | 50       | 100   |
|                                         | III  | Allied-I              | 16UDEFA01    | An Introduction to Political Science-I               | 5       | 6     | 50       | 50       | 100   |
|                                         | IV   | Non-Major Elective-I  | 16UMNE01B    | Independent India                                    | 2       | 2     |          | 100      | 100   |
|                                         | IV   | Soft Skills-I         | 17UGSLS01    | Essentials of Language and Communication             | 3       |       |          | 100      | 100   |
| Total Credits -24, Total Hours/ week-30 |      |                       |              |                                                      |         |       |          |          |       |
| Semester - II                           | I    | Language              | 16UTAMF02    | Tamil II                                             | 3       | 6     | 50       | 50       | 100   |
|                                         | II   | English               | 16UENGF42    | English II                                           | 3       | 6     | 50       | 50       | 100   |
|                                         | III  | Core Paper-III        | 16UDEFC03    | Art of Warfare in India (up to 1947)                 | 4       | 5     | 50       | 50       | 100   |
|                                         | III  | Core Paper-IV         | 16UDEFC04    | World Military History                               | 4       | 5     | 50       | 50       | 100   |
|                                         | III  | Allied-II             | 16UDEFA02    | An Introduction to Political Science –II             | 5       | 6     | 50       | 50       | 100   |
|                                         | IV   | Non-Major Elective-II | 16UNME02B    | Human Rights                                         | 2       | 2     | -        | 100      | 100   |
|                                         | IV   | Soft Skills-II        | 17UGSLS02    | Essentials of Spoken English and Presentation Skills | 3       |       | -        | 100      | 100   |
| Total Credits -24, Total Hours/ week-30 |      |                       |              |                                                      |         |       |          |          |       |
| Semester - III                          | I    | Language              | 16UTAMF03    | Tamil III                                            | 3       | 6     | 50       | 50       | 100   |
|                                         | II   | English               | 16UENGF43    | English III                                          | 3       | 6     | 50       | 50       | 100   |
|                                         | III  | Core Paper-V          | 16UDEFC05    | Fundamentals of National Security                    | 4       | 6     | 50       | 50       | 100   |
|                                         | III  | Core Paper-VI         | 16UDEFC06    | International Relations                              | 4       | 6     | 50       | 50       | 100   |
|                                         | III  | Allied-III            | 16UDEFA03    | Principles of Economics-I                            | 5       | 6     | 50       | 50       | 100   |
|                                         | IV   | Soft Skills-III       | 16UGSLS03    | Personality Enrichment                               | 3       |       | -        | 100      | 100   |
|                                         | IV   | EVS                   | 16UEVS401    | Environmental Studies                                |         | 0     |          |          |       |
| Total Credits -22, Total Hours/ week-30 |      |                       |              |                                                      |         |       |          |          |       |
| Se                                      | 1    | Language              | 16UTAMF04    | Tamil IV                                             | 3       | 6     | 50       | 50       | 100   |

|                                                        |     |                                          |           |                                      |   |   |    |     |     |
|--------------------------------------------------------|-----|------------------------------------------|-----------|--------------------------------------|---|---|----|-----|-----|
|                                                        | II  | English                                  | 16UENGF44 | English IV                           | 3 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-VII                           | 16UDEFC07 | Military Geography and Geo-Politics  | 4 | 5 | 50 | 50  | 100 |
|                                                        | III | Core Paper-VIII                          | 16UDEFC08 | International Organizations          | 4 | 5 | 50 | 50  | 100 |
|                                                        | IV  | Allied-IV                                | 16UDEFA04 | Principles of Economics-II           | 5 | 6 | 50 | 50  | 100 |
|                                                        | IV  | Soft Skills-IV                           | 16UGSLS04 | English for Competitive Examinations | 3 |   | -  | 100 | 100 |
|                                                        | IV  | EVS                                      | 16UEVS401 | Environmental Studies                | 2 | 2 | -  | 100 | 100 |
| <b>Total Credits -24, Total Hours/ week-30</b>         |     |                                          |           |                                      |   |   |    |     |     |
| <b>Semester - V</b>                                    | III | Core Paper-IX                            | 16UDEFC09 | National Security of India           | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-X                             | 16UDEFC10 | Specialized Warfare                  | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-XI                            | 16UDEFC11 | Basics of Defence Economics          | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-XII                           | 16UDEFC12 | Higher Defence Organization of India | 4 | 5 | 50 | 50  | 100 |
|                                                        | III | Elective-I (Inter-disciplinary Elective) | 16UDEFE01 | Fundamentals of Journalism           | 5 | 5 | 50 | 50  | 100 |
|                                                        | IV  | Value Education                          | 16UVED401 | Value Education                      | 2 | 2 | -  | 100 | 100 |
| <b>Total Credits -23, Total Hours/ week-30</b>         |     |                                          |           |                                      |   |   |    |     |     |
| <b>Semester - VI</b>                                   | III | Core Paper-XIII                          | 16UDEFC13 | International Law                    | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-XIV                           | 16UDEFC14 | Wars in Independent India            | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Core Paper-XV                            | 16UDEFC15 | Disarmament and Arms Control         | 4 | 6 | 50 | 50  | 100 |
|                                                        | III | Elective-II                              | 16UDEFE02 | Limited Wars                         | 5 | 6 | 50 | 50  | 100 |
|                                                        | III | Elective-III                             | 16UDEFE03 | Defence Management                   | 5 | 6 | 50 | 50  | 100 |
|                                                        | V   | Extension Activities                     | 16EXTU501 | Extension Activities                 | 1 |   |    |     |     |
| <b>Total Credits -23, Total Hours/ week-30</b>         |     |                                          |           |                                      |   |   |    |     |     |
| <b>Grand Total Credits -140, Total Hours/ week-180</b> |     |                                          |           |                                      |   |   |    |     |     |

**B.A. ENGLISH**  
**COURSE STRUCTURE (2016 - 2019 Batch)**

| Semester                                          | Part | Course Component | Subject Name                     | Credits | Hours | Internal | External | Total |
|---------------------------------------------------|------|------------------|----------------------------------|---------|-------|----------|----------|-------|
| I                                                 | I    | Part - I         | LANGUAGE - I                     | 3       | 6     | 50       | 50       | 100   |
|                                                   | II   | Part - II        | ENGLISH - I                      | 3       | 4     | 50       | 50       | 100   |
|                                                   | III  | Core I           | AGE OF CHAUCER                   | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Core II          | RESTORATION AGE                  | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Allied I         | HISTORY OF ENGLISH LITERATURE I  | 5       | 6     | 50       | 50       | 100   |
|                                                   | IV   | Skill            | LISTENING AND SPEAKING SKILLS    | 3       | 2     | 50       | 50       | 100   |
|                                                   |      | NME I            | TECHNICAL WRITING                | 2       | 2     | 50       | 50       | 100   |
| <b>CREDIT TOTAL =24 /TOTAL HOURS PER WEEK: 30</b> |      |                  |                                  |         |       |          |          |       |
| II                                                | I    | Part- I          | LANGUAGE – II                    | 3       | 6     | 50       | 50       | 100   |
|                                                   | II   | Part - II        | ENGLISH – II                     | 3       | 4     | 50       | 50       | 100   |
|                                                   | III  | Core III         | ROMANTIC AGE                     | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Core IV          | INDIAN WRITING IN ENGLISH        | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Allied II        | HISTORY OF ENGLISH LITERATURE II | 5       | 6     | 50       | 50       | 100   |
|                                                   | IV   | Skill            | READING AND WRITING SKILLS       | 3       | 2     | 50       | 50       | 100   |
|                                                   |      | NME II           | CREATIVE WRITING                 | 2       | 2     | 50       | 50       | 100   |
| <b>CREDIT TOTAL =24/ TOTAL HOURS PER WEEK: 30</b> |      |                  |                                  |         |       |          |          |       |
| III                                               | III  | Part- I          | LANGUAGE – III                   | 3       | 6     | 50       | 50       | 100   |
|                                                   |      | Part - II        | ENGLISH – III                    | 3       | 4     | 50       | 50       | 100   |
|                                                   |      | Core V           | SHAKESPEARE                      | 4       | 6     | 50       | 50       | 100   |
|                                                   |      | Core VI          | VICTORIAN AGE                    | 4       | 6     | 50       | 50       | 100   |
|                                                   |      | Allied III       | LITERARY FORMS                   | 5       | 6     | 50       | 50       | 100   |
|                                                   | IV   | Skill            | PERSONALITY ENRICHMENT           | 3       | 2     | 50       | 50       | 100   |
| <b>CREDIT TOTAL =22/ TOTAL HOURS PER WEEK: 30</b> |      |                  |                                  |         |       |          |          |       |
| IV                                                | III  | Part- I          | LANGUAGE – IV                    | 3       | 6     | 50       | 50       | 100   |
|                                                   |      | Part - II        | ENGLISH – IV                     | 3       | 4     | 50       | 50       | 100   |
|                                                   |      | Core VII         | MODERN AGE                       | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Core VIII        | ENGLISHPHONETICS AND PHONOLOGY   | 4       | 5     | 50       | 50       | 100   |
|                                                   |      | Allied IV        | MEDIA AND COMMUNICATION          | 5       | 6     | 50       | 50       | 100   |
|                                                   | IV   | Skill Based      | COMPUTING SKILLS                 | 3       | 2     | 50       | 50       | 100   |
|                                                   |      |                  | EVS                              | 2       | 2     |          | 100      | 100   |
| <b>CREDIT TOTAL =24/ TOTAL HOURS PER WEEK: 30</b> |      |                  |                                  |         |       |          |          |       |

|                                                             |     |                  |                                  |   |   |    |     |     |
|-------------------------------------------------------------|-----|------------------|----------------------------------|---|---|----|-----|-----|
| V                                                           | III | Core IX          | AMERICAN LITERATURE              | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Core X           | AN INTRODUCTION TO LINGUISTICS   | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Core XI          | WOMEN'S WRITING                  | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Core XII         | LITERARY CRITICISM               | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | IDE (Elective I) | TRAVEL WRITING                   | 5 | 6 | 50 | 50  | 100 |
|                                                             | IV  |                  | VALUE EDUCATION                  | 2 |   |    | 100 | 100 |
| <b>CREDIT TOTAL =23/ TOTAL HOURS PER WEEK: 30</b>           |     |                  |                                  |   |   |    |     |     |
| VI                                                          | III | Core XIII        | INDIAN LITERATURESIN TRANSLATION | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Core XIV         | EUROPEAN DRAMA                   | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Core XV          | WORLD LITERATURE                 | 4 | 6 | 50 | 50  | 100 |
|                                                             |     | Elective II      | MODERN LATIN AMERICAN LITERATURE | 5 | 6 | 50 | 50  | 100 |
|                                                             |     | Elective III     | INTERPRETATION OF LITERATURE     | 5 | 6 | 50 | 50  | 100 |
|                                                             | V   |                  | EXTENSION ACTIVITIES             | 1 |   |    |     |     |
| <b>CREDIT TOTAL =23/ TOTAL HOURS PER WEEK: 30</b>           |     |                  |                                  |   |   |    |     |     |
| <b>OVERALL CREDIT TOTAL =140 /TOTAL HOURS PER WEEK: 180</b> |     |                  |                                  |   |   |    |     |     |

| Semester                                       | Part | Course Component        | Subject Name                                    | Credits | Hours | Internal | External | Total |
|------------------------------------------------|------|-------------------------|-------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                   | I    | Core - I                | Micro Economics – I                             | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - II               | Indian Economic Development -I                  | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - III              | Research Methodology                            | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Elective - I            | Energy Economics                                | 3       | 6     | 50       | 50       | 100   |
|                                                | II   | Elective - II           | Mathematics for Economists – I                  | 3       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills-I           | Essentials of Language andCommunications Skills | 2       |       |          | 100      | 100   |
| Total Credits -20, Total Hours/ week-30        |      |                         |                                                 |         |       |          |          |       |
| Semester - II                                  | I    | Core - IV               | Micro Economics - II                            | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - V                | Indian Economic Development -II                 | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - VI               | Statistics for Economists                       | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Elective -III           | Mathematics for Economists - II                 | 3       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective -IV            | Environmental Economics                         | 3       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills-II          | Computing Skills                                | 2       |       |          | 100      | 100   |
| Total Credits -20, Total Hours/ week-30        |      |                         |                                                 |         |       |          |          |       |
| Semester - III                                 | I    | Core - VII              | Macro Economics - I                             | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - VIII             | Public Economics - I                            | 4       | 6     | 50       | 50       | 100   |
|                                                | I    | Core - IX               | International Economics - I                     | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Elective -V             | Economics of Development                        | 3       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective -VI            | Health Economics                                | 3       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills- Internship | Internship                                      | 2       |       |          | 100      | 100   |
|                                                | IV   | PIV PG Skill            | Managerial Skills                               | 2       |       |          | 100      | 100   |
| Total Credits -22, Total Hours/ week-30        |      |                         |                                                 |         |       |          |          |       |
| Semester - IV                                  | I    | Core - X                | Macro Economics - II                            | 4       | 5     | 50       | 50       | 100   |
|                                                | I    | Core - XI               | Public Economics - II                           | 4       | 5     | 50       | 50       | 100   |
|                                                | I    | Core - XII              | International Economics - II                    | 4       | 5     | 50       | 50       | 100   |
|                                                | I    | Core - XIII             | Monetary Economics                              | 4       | 5     | 50       | 50       | 100   |
|                                                | II   | Core -XIV               | Financial Economics                             | 4       | 3     | 50       | 50       | 100   |
|                                                | II   | Core-XV                 | Gender Economics                                | 4       | 3     | 50       | 50       | 100   |
|                                                | II   | Elective –VII           | Computer Application forEconomics               | 3       | 4     | 50       | 50       | 100   |
|                                                | II   | Soft Skills-IV          | Spoken and Presentations Skills                 | 2       |       |          | 100      | 100   |
| Total Credits -29, Total Hours/ week-30        |      |                         |                                                 |         |       |          |          |       |
| Grand Total Credits -91, Total Hours/ week-120 |      |                         |                                                 |         |       |          |          |       |

# MASTER OF SOCIAL WORK (MSW)

## COURSE STRUCTURE: 2016-18 Batch

| Semester                                       | Part | Course Component                             | Subject Name                                                                           | Subject Code | Hours | Credits | Internal | External | Total |
|------------------------------------------------|------|----------------------------------------------|----------------------------------------------------------------------------------------|--------------|-------|---------|----------|----------|-------|
| Semester - I                                   | III  | Core Paper- I                                | Social Work Profession                                                                 | 16PMSWC01    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Core Paper- II                               | Social Work with Individuals                                                           | 16PMSWC02    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Core Paper- III                              | Social Work with Groups                                                                | 16PMSWC03    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Elective - I                                 | Sociology                                                                              | 16PMSWE01    | 5     | 2       | 50       | 50       | 100   |
|                                                | III  | Elective - II                                | Psychology                                                                             | 16PMSWE02    | 5     | 2       | 50       | 50       | 100   |
|                                                | III  | Core Paper – IV (Field Work)                 | Concurrent Field Work – I                                                              | 16PMSWC04    | 3     | 6       | 50       | 50       | 100   |
|                                                | IV   | Soft Skills -I                               | Essentials of Language and Communication Skills                                        | 16PGSLS01    | 2     | 2       | 50       | 50       | 100   |
|                                                |      |                                              | Rural Camp<br>(In between the semester)                                                |              |       |         |          |          |       |
| <b>Total Credits -21, Total Hours/ week-30</b> |      |                                              |                                                                                        |              |       |         |          |          |       |
| Semester - II                                  | III  | Core Paper- V                                | Social Work with Communities and Social Action                                         | 16PMSWC05    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Core Paper- VI                               | Social Work Research and Statistics                                                    | 16PMSWC06    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Core Paper- VII                              | Social Welfare Administration                                                          | 16PMSWC07    | 5     | 3       | 50       | 50       | 100   |
|                                                | III  | Elective - III                               | Social Policy and Social Legislation                                                   | 16PMSWE03    | 4     | 2       | 50       | 50       | 100   |
|                                                | III  | Elective - IV                                | Counselling                                                                            | 16PMSWE04    | 4     | 2       | 50       | 50       | 100   |
|                                                | III  | Core Paper-VIII                              | Concurrent Field Work – II                                                             | 16PMSWC08    | 4     | 6       | 50       | 50       | 100   |
|                                                | IV   | Soft Skills –II                              | Computing Skills                                                                       | 16PGSLS02    | 3     | 2       | 50       | 50       | 100   |
|                                                | IV   |                                              | Summer Placement (After the second semester theory examination during summer vacation) | 16PINT401    |       | 2       |          |          |       |
| <b>Total Credits -23, Total Hours/ Week-30</b> |      |                                              |                                                                                        |              |       |         |          |          |       |
| Semester - III                                 | III  | Core Paper- IX (Specialization Paper – I)    | Mental Health and Psychiatric Disorders                                                | 16PMSWC09C   | 5     | 3       | 50       | 50       | 100   |
|                                                |      |                                              | Labor Legislation                                                                      | 16PMSWC09B   |       |         |          |          |       |
|                                                |      |                                              | Rural Community Development                                                            | 16PMSWC09A   |       |         |          |          |       |
|                                                | III  | Core Paper- X (Specialization Paper – 1I)    | Public Health in India                                                                 | 16PMSWC10C   | 5     | 3       | 50       | 50       | 100   |
|                                                |      |                                              | Human Resource Management                                                              | 16PMSWC10B   |       |         |          |          |       |
|                                                |      |                                              | Development Economics                                                                  | 16PMSWC10A   |       |         |          |          |       |
|                                                | III  | Core Paper – XI (Specialization Paper – III) | Medical Social Work                                                                    | 16PMSWC11C   | 5     | 3       | 50       | 50       | 100   |
|                                                |      |                                              | Employee Relations and Welfare                                                         | 16PMSWC11B   |       |         |          |          |       |
|                                                |      |                                              | Working With Children and Youth                                                        | 16PMSWC11A   |       |         |          |          |       |
|                                                | III  |                                              | Strategic HR Management                                                                | 16PMSWE05B   | 5     | 2       | 50       | 50       | 100   |

|  |     |                                                |                             |            |   |   |    |    |     |
|--|-----|------------------------------------------------|-----------------------------|------------|---|---|----|----|-----|
|  |     | Elective – V<br>(Specialization<br>Paper – IV) | International Social Work   | 16PMSWE05A |   |   |    |    |     |
|  | III | Elective – VI<br>(Specialization<br>Paper – V) | Quality Management          | 16PMSWE06B | 5 | 2 | 50 | 50 | 100 |
|  |     |                                                | Social Entrepreneurship     | 16PMSWE06A |   |   |    |    |     |
|  | III | Core Paper –<br>XII<br>(Field Work)            | Concurrent Field Work - III | 16PMSWC12  | 3 | 6 | 50 | 50 | 100 |
|  | IV  | Soft Skills -III                               | Managerial Skills           | 16PGSLS03  | 2 | 2 | 50 | 50 | 100 |
|  |     |                                                | Study Tour                  |            |   | 1 | 50 | 50 | 100 |

**Total Credits -22, Total Hours/ Week-30**

|               |     |                                                        |                                                                  |            |   |   |    |    |     |
|---------------|-----|--------------------------------------------------------|------------------------------------------------------------------|------------|---|---|----|----|-----|
| Semester - IV | III | Core Paper -<br>XIII<br>(Specialization<br>Paper – VI) | Psychiatric Social Work                                          | 16PMSWC13C | 3 | 3 | 50 | 50 | 100 |
|               |     |                                                        | Organizational Behaviour                                         | 16PMSWC13B |   |   |    |    |     |
|               |     |                                                        | Urban Community Development                                      | 16PMSWC13A |   |   |    |    |     |
|               | III | Core Paper –<br>XIV<br>(Specialization<br>Paper – VII) | Therapeutic Interventions in<br>Social Work Practice             | 16PMSWC14C | 3 | 3 | 50 | 50 | 100 |
|               |     |                                                        | Organization Development                                         | 16PMSWC14B |   |   |    |    |     |
|               |     |                                                        | Dalit and Tribal Development                                     | 16PMSWC14A |   |   |    |    |     |
|               | III | Core Paper -XV<br>(Specialization<br>Paper –VIII)      | Hospital Administration                                          | 16PMSWC15C |   | 3 | 50 | 50 | 100 |
|               |     |                                                        | Human Resource Development                                       | 16PMSWC15B |   |   |    |    |     |
|               |     |                                                        | Women Development                                                | 16PMSWC15A |   |   |    |    |     |
|               | IV  | Interdisciplinary<br>(Common<br>Paper)                 | Corporate Social Governance &<br>Corporate Social Responsibility | 16PMSWE07  | 2 | 2 | 50 | 50 | 100 |
|               |     | Core Paper –<br>XVI<br>(Field Work)                    | Research Project                                                 | 16PMSWC16  |   | 6 | 50 | 50 | 100 |
|               |     | Core Paper –<br>XVII<br>(Field Work)                   | Concurrent Field Work – IV                                       | 16PMSWC17  |   | 6 | 50 | 50 | 100 |
|               |     | Soft Skill - IV                                        | Spoken and Presentation Skills                                   | 16PGSLS04  |   | 2 | 50 | 50 | 100 |
|               |     |                                                        | Block Placement (At the end of<br>4th Semester)                  |            |   | 2 | 50 | 50 | 100 |

**Total Credits -27, Total Hours/ Week-30**

**OVERALL CREDIT TOTAL = 93**

| <b>M.PHIL ECONOMICS</b>               |                         |                          |                |              |
|---------------------------------------|-------------------------|--------------------------|----------------|--------------|
| <b>COURSE STRUCTURE 2016-17 BATCH</b> |                         |                          |                |              |
| <b>SEM</b>                            | <b>COURSE COMPONENT</b> | <b>SUBJECT NAME</b>      | <b>CREDITS</b> | <b>HOURS</b> |
| <b>I</b>                              | Core - I                | Research Methodology     | 5              | 6            |
|                                       | Core - II               | Advanced Economic Theory | 5              | 6            |
|                                       | Internal Paper          | Environmental Economics  | 5              | 6            |
|                                       | Thesis work             | Thesis and Viva – Voce   | 21             |              |
|                                       | <b>TOTAL</b>            |                          | <b>36</b>      | <b>18</b>    |

**B.Sc. Mathematics**  
**Course Structure for 2016–19 Batch**

| Sem.             | Part | Course Component | Subject Code         | Subject Name                                     | Hours              | Credits | CIA | ESE | Total |
|------------------|------|------------------|----------------------|--------------------------------------------------|--------------------|---------|-----|-----|-------|
| I                | I    | Language         | 16UTAMF01/16UHINF01  | Tamil - I / Hindi - I                            | 6                  | 3       | 50  | 50  | 100   |
|                  | II   | Language         | 16UENG41             | English - I                                      | 6                  | 3       | 50  | 50  | 100   |
|                  | III  | Core I           | 16UMATC01            | Algebra                                          | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UMATC02            | Calculus                                         | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UCHEA11            | Chemistry - I                                    | 5                  | 5       | 50  | 50  | 100   |
|                  |      |                  | 16UCHEA12P           | Allied Chemistry<br>Practical - I                | 3                  | *       | *   | *   | *     |
|                  | IV   | NME              | 16UNME01C            | Functional Mathematics - I                       | 2                  | 2       | 50  | 50  | 100   |
|                  |      | Soft Skill       | 16UGSLS01            | Listening and Speaking Skills                    |                    | 3       | 50  | 50  | 100   |
| Total Hours = 30 |      |                  |                      |                                                  | Total credits = 24 |         |     |     |       |
| II               | I    | Language         | 16UTAMF02/ 16UHINF02 | Language – II/Hindi - II                         | 6                  | 3       | 50  | 50  | 100   |
|                  | II   | Language         | 16UENG42             | English - II                                     | 6                  | 3       | 50  | 50  | 100   |
|                  | III  | Core II          | 16UMATC03            | Trigonometry and Number<br>Theory                | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UMATC04            | Analytical Geometry                              | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UCHEA13            | Chemistry - II                                   | 5                  | 5       | 50  | 50  | 100   |
|                  |      |                  | 16UCHEA12P           | Allied Chemistry<br>Practical – I                | 3                  | 4       | 50  | 50  | 100   |
|                  | IV   | NME              | 16UNME02C            | Functional Mathematics - II                      | 2                  | 2       | 50  | 50  | 100   |
|                  |      | Soft Skill       | 16UGSLS02            | Reading and Writing Skills                       |                    | 3       | 50  | 50  | 100   |
| Total Hours = 30 |      |                  |                      |                                                  | Total credits = 28 |         |     |     |       |
| III              | I    | Language         | 16UTAMF03/16UHINF03  | Tamil – III/Hindi III                            | 6                  | 3       | 50  | 50  | 100   |
|                  | II   | Language         | 16UENG43             | English – III                                    | 6                  | 3       | 50  | 50  | 100   |
|                  | III  | Core III         | 16UMATC05            | Differential Equations and<br>Laplace Transforms | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UMATC06            | Vector Calculus, Fourier<br>Series &Transforms   | 4                  | 4       | 50  | 50  | 100   |
|                  |      |                  | 16UPHYA13            | Physics - I                                      | 5                  | 5       | 50  | 50  | 100   |



**B.Sc. Physics**  
**Course Structure for 2016 –19 Batch**

| Semester     | Part                                       | Course Component    | Subject Code | Subject Name                       | Credits | Hours | Max. Marks |     |       |
|--------------|--------------------------------------------|---------------------|--------------|------------------------------------|---------|-------|------------|-----|-------|
|              |                                            |                     |              |                                    |         |       | CIA        | ESE | Total |
| Semester I   | I                                          | LANGUAGE - I        | 16UTAMF01    | TAMIL - I                          | 3       | 6     | 50         | 50  | 100   |
|              |                                            |                     | 16UHINF01    | HINDI - I                          |         |       |            |     |       |
|              | II                                         | ENGLISH             | 16UENG41     | ENGLISH I                          | 3       | 4     | 50         | 50  | 100   |
|              | III                                        | CORE – 1            | 16UPHYC01    | MECHANICS AND PROPERTIES OF MATTER | 4       | 5     | 50         | 50  | 100   |
|              |                                            | CORE PRACTICAL - I  | 16UPHYC02P   | PRACTICAL GENERAL I                | *       | 3     | *          | *   | *     |
|              |                                            | ALLIED - I          | 16UCHEA11    | ALLIED CHEMISTRY -I                | 4       | 5     | 50         | 50  | 100   |
|              |                                            | ALLIED PRACTICAL- I | 16UCHEA12P   | ALLIED CHEMISTRY PRACTICAL-I       | *       | 3     | *          | *   | *     |
|              | IV                                         | NME                 | 16UNME01D    | BASIC PHYSICS                      | 2       | 2     | -          | 100 | 100   |
|              |                                            |                     | 16UBAT401    | BASIC TAMIL - I                    |         |       |            |     |       |
|              |                                            | SOFT SKILL          | 16UGSLS01    | LISTENING AND SPEAKING SKILLS      | 3       | 2     | -          | 100 | 100   |
|              | <b>CREDIT TOTAL = 19; TOTAL HOURS =30</b>  |                     |              |                                    |         |       |            |     |       |
| Semester II  | I                                          | LANGUAGE -II        | 16UTAMF02    | TAMIL - II                         | 3       | 6     | 50         | 50  | 100   |
|              |                                            |                     | 16UHINF02    | HINDI - II                         |         |       |            |     |       |
|              | II                                         | ENGLISH             | 16UENG42     | ENGLISH - II                       | 3       | 4     | 50         | 50  | 100   |
|              | III                                        | CORE THEORY - 2     | 16UPHYC03    | THERMAL PHYSICS AND ACOUSTICS      | 4       | 5     | 50         | 50  | 100   |
|              |                                            | CORE PRACTICAL - I  | 16UPHYC02P   | PRACTICAL GENERAL - I              | 4       | 3     | 50         | 50  | 100   |
|              |                                            | ALLIED - II         | 16UCHEA13    | CHEMISTRY - II                     | 4       | 5     | 50         | 50  | 100   |
|              |                                            | ALLIED PRACTICAL-I  | 16UCHEA12P   | CHEMISTRY - PRACTICAL              | 2       | 3     | 50         | 50  | 100   |
|              | IV                                         | NME                 | 16UADT402    | ADVANCED TAMIL - II                | 2       | 2     | -          | 100 | 100   |
|              |                                            |                     | 16UBAT402    | BASIC TAMIL - II                   |         |       |            |     |       |
|              |                                            |                     | 16UNME02D    | NON-CONVENTIONAL ENERGY SOURCES    |         |       |            |     |       |
|              |                                            | SOFT SKILL          | 16UGSLS02    | READING AND WRITING SKILLS         | 3       | 2     | 50         | 50  | 100   |
|              | <b>CREDIT TOTAL = 25; TOTAL HOURS =30</b>  |                     |              |                                    |         |       |            |     |       |
| Semester III | I                                          | LANGUAGE - III      | 16UTAMF03    | TAMIL - III                        | 3       | 6     | 50         | 50  | 100   |
|              |                                            |                     | 16UHINF03    | HINDI - III                        |         |       |            |     |       |
|              | II                                         | ENGLISH             | 16UENG43     | ENGLISH - III                      | 3       | 4     | 50         | 50  | 100   |
|              | III                                        | CORE THEORY - 3     | 16UPHYC04    | OPTICS AND SPECTROSCOPY            | 4       | 5     | 50         | 50  | 100   |
|              |                                            | CORE PRACTICAL - 2  |              | PRACTICAL GENERAL - II             | *       | 3     | *          | *   | *     |
|              |                                            | ALLIED –II          | 16UMATA13    | MATHEMATICS - I                    | 5       | 8     | 50         | 50  | 100   |
|              | IV                                         | SOFT SKILL          | 16UGSLS03    | PERSONALITY ENRICHMENT             | 3       | 2     | 50         | 50  | 100   |
|              |                                            | NME                 | 16UEVS401    | ENVIRONMENTAL STUDIES              | *       | 2     | *          | *   | *     |
|              | <b>CREDIT TOTAL = 18; TOTAL HOURS = 30</b> |                     |              |                                    |         |       |            |     |       |

| Semester    | Part | Course Component                                              | Subject Code | Subject Name                                                 | Credits | Hours | Max. Marks |         |       |
|-------------|------|---------------------------------------------------------------|--------------|--------------------------------------------------------------|---------|-------|------------|---------|-------|
|             |      |                                                               |              |                                                              |         |       | CIA        | ESE     | Total |
| Semester IV | I    | LANGUAGE -IV                                                  | 16UTAMF04    | TAMIL - IV                                                   | 3       | 6     | 50         | 50      | 100   |
|             |      |                                                               | 16UHINF04    | HINDI - IV                                                   |         |       |            |         |       |
|             | II   | ENGLISH                                                       | 16UENGF44    | ENGLISH - IV                                                 | 3       | 4     | 50         | 50      | 100   |
|             | III  | CORE THEORY - 4                                               | 16UPHYC06    | ELECTRICITY AND<br>MAGNETISM                                 | 4       | 5     | 50         | 50      | 100   |
|             |      | CORE PRACTICAL- 2                                             | 16UPHYC05P   | PRACTICAL GENERAL - II                                       | 4       | 3     | 50         | 50      | 100   |
|             |      | ALLIED - II                                                   | 16UMATA23    | MATHEMATICS - II                                             | 5       | 8     | 50         | 50      | 100   |
|             | IV   | NME                                                           | 16UEVS401    | ENVIRONMENTAL STUDIES                                        | 2       | 2     | -          | 10<br>0 | 100   |
|             |      | SOFT SKILL                                                    | 16UGSLS04    | COMPUTING SKILLS                                             | 3       | 2     | 50         | 50      | 100   |
|             |      | <b>CREDIT TOTAL = 24; TOTAL HOURS = 30</b>                    |              |                                                              |         |       |            |         |       |
| Semester V  | III  | CORE THEORY - 5                                               | 16UPHYC07    | ATOMIC PHYSICS                                               | 4       | 5     | 50         | 50      | 100   |
|             |      | CORE THEORY - 6                                               | 16UPHYC08    | NUCLEAR PHYSICS AND<br>PARTICLE PHYSICS                      | 4       | 5     | 50         | 50      | 100   |
|             |      | CORE THEORY - 7                                               | 16UPHYC09    | SOLID STATE PHYSICS AND<br>ELECTRONICS                       | 4       | 5     | 50         | 50      | 100   |
|             |      | CORE THEORY - 8                                               | 16UPHYC10    | ELECTROMAGNETISM                                             | 5       | 5     | 50         | 50      | 100   |
|             |      | CORE PRACTICAL- 3                                             | 16UPHYC11P   | GENERAL - PRACTICAL - III                                    | *       | 2     | *          | *       | *     |
|             |      | CORE PRACTICAL - 4                                            | 16UPHYC12P   | ELECTRONICS - I -<br>PRACTICAL                               | *       | 2     | *          | *       | *     |
|             |      | CORE PRACTICAL - 5                                            | 16UPHYC13P   | MICRO PROCESSOR AND<br>INTEGRATED ELECTRONICS<br>- PRACTICAL | *       | 2     | *          | *       | *     |
|             | IV   | ELECTIVE - 1                                                  | 16UPHYE01    | NUMERICAL METHODS ***                                        | 5       | 4     | 50         | 50      | 100   |
|             |      |                                                               | 16UVED401    | VALUE EDUCATION                                              | 2       |       | 50         | 50      | 100   |
|             |      | <b>CREDIT TOTAL = 24; TOTAL HOURS = 30</b>                    |              |                                                              |         |       |            |         |       |
| Semester VI | III  | CORE THEORY - 9                                               | 16UPHYC14    | RELATIVITY AND<br>QUANTUM MECHANICS                          | 5       | 6     | 50         | 50      | 100   |
|             |      | CORE THEORY- 10                                               | 16UPHYC15    | MATHEMATICAL METHODS<br>IN PHYSICS                           | 5       | 6     | 50         | 50      | 100   |
|             |      | ELECTIVE – 2                                                  | 16UPHYE02    | INTEGRATED ELECTRONICS<br>***                                | 5       | 6     | 50         | 50      | 100   |
|             |      | ELECTIVE - 3                                                  | 16UPHYE03    | MICROPROCESSOR<br>FUNDAMENTALS***                            | 5       | 6     | 50         | 50      | 100   |
|             |      | CORE PRACTICAL - 3                                            | 16UPHYC11P   | GENERAL - PRACTICAL - III                                    | 4       | 2     | 50         | 50      | 100   |
|             |      | CORE PRACTICAL - 4                                            | 16UPHYC12P   | ELECTRONICS - I -<br>PRACTICAL                               | 4       | 2     | 50         | 50      | 100   |
|             |      | CORE PRACTICAL- 5                                             | 16UPHYC13P   | MICRO PROCESSOR AND<br>INTEGRATED ELECTRONICS<br>- PRACTICAL | 2       | 2     | 50         | 50      | 100   |
|             |      | <b>CREDIT TOTAL = 30; TOTAL HOURS = 30</b>                    |              |                                                              |         |       |            |         |       |
|             |      | <b>OVERALL CREDIT TOTAL = 140 / OVERALL HOURS TOTAL = 180</b> |              |                                                              |         |       |            |         |       |

**B.Sc. Chemistry**  
**COURSE STRUCTURE (2016-19) Batch**

| Semester                                     | Part | Course Component   | Subject Code            | Subject Name                                   | Credits | Hours | CIA | ESE | Total |
|----------------------------------------------|------|--------------------|-------------------------|------------------------------------------------|---------|-------|-----|-----|-------|
| Semester I                                   | I    | Language           | 16UTAMF01/<br>16UHINF01 | Language I                                     | 3       | 6     | 50  | 50  | 100   |
|                                              | II   | English            | 16UENGF41               | English I                                      | 3       | 4     | 50  | 50  | 100   |
|                                              | III  | Core Paper-I       | 16UCHEC01               | Basic Chemistry–I                              | 4       | 5     | 50  | 50  | 100   |
|                                              |      | Core Practical-I   | 16UCHEC02P              | Volumetric Analysis and Inorganic Preparations | *       | 3     | *   | *   | *     |
|                                              |      | Allied-I           | 16UMATA13               | Mathematics–I                                  | 5       | 8     | 50  | 50  | 100   |
|                                              | IV   | NME                | 16UNME01E               | Dairy Chemistry                                | 2       | 2     | 50  | 50  | 100   |
|                                              |      | Soft Skill         | 16UGSLS01               | Listening and Speaking Skills                  | 3       | 2     | 50  | 50  | 100   |
| Total Credits: 20 / Total Hours per week: 30 |      |                    |                         |                                                |         |       |     |     |       |
| Semester II                                  | I    | Language           | 16UTAMF02/1<br>6UHINF02 | Language-II                                    | 3       | 6     | 50  | 50  | 100   |
|                                              | II   | English            | 16UENGF42               | English-II                                     | 3       | 4     | 50  | 50  | 100   |
|                                              | III  | Core Paper-II      | 16UCHEC03               | Basic Chemistry-II                             | 4       | 5     | 50  | 50  | 100   |
|                                              |      | Core Practical-II  | 16UCHEC02P              | Volumetric Analysis and Inorganic Preparation  | 3       | 3     | 50  | 50  | 100   |
|                                              |      | Allied-II          | 16UMATA14               | Mathematics-II                                 | 5       | 8     | 50  | 50  | 100   |
|                                              | IV   | NME                | 16UNME02E               | Food Chemistry                                 | 2       | 2     | 50  | 50  | 100   |
|                                              |      | Soft Skill         | 16UGSLS02               | Reading and Writing Skills                     | 3       | 2     | 50  | 50  | 100   |
| Total Credits: 23 / Total Hours per week: 30 |      |                    |                         |                                                |         |       |     |     |       |
| Semester III                                 | I    | Language           | 16UTAMF03/1<br>6UHINF03 | Language–III                                   | 3       | 6     | 50  | 50  | 100   |
|                                              | II   | English            | 16UENGF43               | English–III                                    | 3       | 4     | 50  | 50  | 100   |
|                                              | III  | Core Paper-III     | 16UCHEC04               | Organo-Oxygen Compounds                        | 4       | 6     | 50  | 50  | 100   |
|                                              |      | Core Practical-III | 16UCHEC05P              | Inorganic Qualitative Analysis                 | *       | 3     | *   | *   | 100   |
|                                              |      | Allied–III         | 16UPHYA13               | Physics-I                                      | 3       | 6     | 50  | 50  | 100   |
|                                              | IV   | Allied Practical   | 16UPHYA14P              | Allied Physics Practical-I                     | *       | 3     | *   | *   | 100   |
|                                              |      | Soft Skill         | 16UGSLS03               | Personality Enrichment                         | 3       | 2     | 50  | 50  | 100   |
| Total Credits: 16 / Total Hours per week: 30 |      |                    |                         |                                                |         |       |     |     |       |

| Semester                                                    | Course Component   | Subject Code            | Subject Name                                                   | Credits | Hours | CIA | ESE | Total |
|-------------------------------------------------------------|--------------------|-------------------------|----------------------------------------------------------------|---------|-------|-----|-----|-------|
| Semester IV                                                 | Language           | 16UTAMF03/<br>16UHINF04 | Language–IV                                                    | 3       | 6     | 50  | 50  | 100   |
|                                                             | English            | 16UENG44                | English–IV                                                     | 3       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-IV      | 16UCHEC06               | Chemistry of s and p Block Elements                            | 4       | 5     | 50  | 50  | 100   |
|                                                             | Core Practical-II  | 16UCHEC05P              | Inorganic Qualitative Analysis                                 | 3       | 3     | 50  | 50  | 100   |
|                                                             | Allied-II          | 16UPHYA15               | Physics –II                                                    | 3       | 5     | 50  | 50  | 100   |
|                                                             | Allied Practical   | 16UPHYA14P              | Allied Physics Practical– I                                    | 4       | 3     | 50  | 50  | 100   |
|                                                             |                    | 16UEVS401               | EVS                                                            | 2       | 2     | 50  | 50  | 100   |
|                                                             | Soft Skill         | 16UGSLS04               | Computing Skills                                               | 3       | 2     | 50  | 50  | 100   |
| <b>Total Credits: 25 / Total Hours per week: 30</b>         |                    |                         |                                                                |         |       |     |     |       |
| Semester V                                                  | Core Paper-V       | 16UCHEC07               | Organo Nitrogen Compounds and Natural Products                 | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-VI      | 16UCHEC08               | Chemical Kinetics and Electrochemistry                         | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-VII     | 16UCHEC09               | Special topics in Chemistry                                    | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-VIII    | 16UCHEC10               | Analytical Chemistry-I                                         | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Practical-III | 16UCHEC11P              | Gravimetric Analysis                                           | *       | 5     | *   | *   | *     |
|                                                             | Core Practical-IV  | 16UCHEC12P              | Analysis and Preparation of Organic Compounds                  | *       | 2     | *   | *   | *     |
|                                                             | Core Practical-V   | 16UCHEC13P              | Physical Chemistry Practical                                   | *       | 3     | *   | *   | *     |
|                                                             | Elective-I         | 16UCHEE01               | Pharmaceutical Chemistry                                       | 5       | 4     | 50  | 50  | 100   |
|                                                             |                    | 16UVED401               | Value Education                                                | 2       |       | 50  | 50  | 100   |
| <b>Total Credits: 23 / Total Hours per week: 30</b>         |                    |                         |                                                                |         |       |     |     |       |
| Semester VI                                                 | Core Paper-IX      | 16UCHEC14               | Thermodynamics and Solutions                                   | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-X       | 16UCHEC15               | Chemistry of d and f block elements and Coordination chemistry | 4       | 4     | 50  | 50  | 100   |
|                                                             | Core Paper-XI      | 16UCHEC16               | Analytical Chemistry-II                                        | 4       | 4     | 50  | 50  | 100   |
|                                                             | Elective - II      | 16UCHEE02               | Industrial Chemistry                                           | 5       | 4     | 50  | 50  | 100   |
|                                                             | Elective - III     | 16UCHEE03               | Polymer Chemistry                                              | 5       | 4     | 50  | 50  | 100   |
|                                                             | Core Practical-III | 16UCHEC11P              | Gravimetric Analysis                                           | 4       | 5     | 50  | 50  | 100   |
|                                                             | Core Practical- IV | 16UCHEC12P              | Analysis and Preparation of Organic Compounds                  | 3       | 2     | 50  | 50  | 100   |
|                                                             | Core Practical-V   | 16UCHEC13P              | Physical Chemistry Practical                                   | 3       | 3     | 50  | 50  | 100   |
|                                                             |                    |                         | Extension activities                                           | 1       |       |     |     |       |
| <b>Total Credits: 33 / Total Hours per week: 30</b>         |                    |                         |                                                                |         |       |     |     |       |
| <b>Grand Total Credits: 140 / Total Hours per week: 180</b> |                    |                         |                                                                |         |       |     |     |       |

**B.Sc. Plant Biology and Plant Biotechnology**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                  | Part        | Course Component                        | Subject Name                                   | Subject Code | Credit                 | Hours     | Marks    |          | Total |
|-------------------------------------------|-------------|-----------------------------------------|------------------------------------------------|--------------|------------------------|-----------|----------|----------|-------|
|                                           |             |                                         |                                                |              |                        |           | Internal | External |       |
| I                                         | I           | Language                                | Tamil-I                                        | 16UTAMF01    | 3                      | 6         | 50       | 50       | 100   |
|                                           |             |                                         | Hindi - I                                      | 16UHINF01    |                        |           |          |          |       |
|                                           | II          |                                         | English – I                                    | 16UENGF41    | 3                      | 4         | 50       | 50       | 100   |
|                                           |             |                                         | III                                            | Core - I     | Algae, Fungi & Lichens | 16UPBTC01 | 4        | 6        | 50    |
|                                           | Core - II   | Practical – I (Algae, Fungi & Lichens)  |                                                | 16UPBTC02P   | 2                      | 2         | 50       | 50       | 100   |
|                                           | Allied - I  | Zoology – I                             |                                                | 16UAZTA11    | 3                      | 6         | 50       | 50       | 100   |
|                                           | Allied - I  | Allied Zoology Practical                |                                                |              | -                      | 2         | 50       | 50       | 100   |
|                                           | IV          | 1. NME                                  | Basic Tamil                                    | 16UBAT401    | 2                      | 2         | 50       | 50       | 100   |
|                                           |             |                                         | Nursery & Landscaping                          | 16UNME01F    |                        |           |          |          |       |
|                                           |             | 2. Skill Based Subject Language English | Soft Skill – I - Listening and Speaking Skills | 16UGSLS01    | 3                      | 2         | 50       | 50       | 100   |
| Total Credits - 20, Total Hours/ week- 30 |             |                                         |                                                |              |                        |           |          |          |       |
| II                                        | I           | Language                                | Tamil - II                                     | 16UTAMF02    | 3                      | 6         | 50       | 50       | 100   |
|                                           |             |                                         | Hindi - II                                     | 16UHINF02    |                        |           |          |          |       |
|                                           | II          |                                         | English – II                                   | 16UENGF42    | 3                      | 4         | 50       | 50       | 100   |
|                                           |             |                                         | III                                            | Core - III   | General Microbiology   | 16UPBTC03 | 4        | 6        | 50    |
|                                           | Core - II   | Practical – II (General Microbiology)   |                                                | 16UPBTC02P   | 2                      | 2         | 50       | 50       | 100   |
|                                           | Allied - II | Zoology – II                            |                                                | 16UAZTA13    | 3                      | 6         | 50       | 50       | 100   |
|                                           |             | Allied Zoology Practical                |                                                | 16UAZTA12P   | 4                      | 2         | 50       | 50       | 100   |
|                                           | IV          | 1. NME                                  | Basic Tamil                                    | 16UBAT402    | 2                      | 2         | 50       | 50       | 100   |
|                                           |             |                                         | Mushroom Cultivation                           | 16UNME02F    |                        |           |          |          |       |
|                                           |             | 2. Skill Based Subject Language English | Soft Skill – I - Reading and Writing Skills    | 16UGSLS02    | 3                      | 2         | 50       | 50       | 100   |
| Total Credits - 24, Total Hours/ week- 30 |             |                                         |                                                |              |                        |           |          |          |       |
| III                                       | I           | Language                                | Tamil III                                      | 16UTAMF03    | 3                      | 6         | 50       | 50       | 100   |
|                                           |             |                                         | Hindi - III                                    | 16UHINF03    |                        |           |          |          |       |
|                                           | II          |                                         | English III                                    | 16UENGF43    | 3                      | 4         | 50       | 50       | 100   |
|                                           | III         | Core IV                                 | Bryophytes &                                   | 16UPBTC04    | 4                      | 6         | 50       | 50       | 100   |

|                                           |            |                        |                                                                                                                                     |            |   |    |    |     |     |
|-------------------------------------------|------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------|---|----|----|-----|-----|
|                                           |            |                        | Pteridophytes                                                                                                                       |            |   |    |    |     |     |
|                                           |            | Core V                 | Practical – III (Bryophytes & Pteridophytes)                                                                                        | 16UPBTC05P | – | 2  | 50 | 50  | 100 |
|                                           |            | Allied III             | Allied Chemistry I                                                                                                                  | 16UCHEA14  | 3 | 6  | 50 | 50  | 100 |
|                                           |            |                        | Allied Chemistry Practical                                                                                                          | 16UCHEA15P | – | 2  | 50 | 50  | 100 |
|                                           | IV         | NME                    | Environmental Studies                                                                                                               | 16UEVS401  | – | 2  | 50 | 50  | 100 |
|                                           | Soft Skill | Personality Enrichment | 16UGSLS03                                                                                                                           | 3          | 2 | 50 | 50 | 100 |     |
| Total Credits - 16, Total Hours/ week- 30 |            |                        |                                                                                                                                     |            |   |    |    |     |     |
| IV                                        | I          | Language               | Tamil IV                                                                                                                            | 16UTAMF04  | 3 | 6  | 50 | 50  | 100 |
|                                           |            |                        | Hindi - IV                                                                                                                          | 16UHINF04  |   |    |    |     |     |
|                                           | II         |                        | English IV                                                                                                                          | 16UENGF44  | 3 | 4  | 50 | 50  | 100 |
|                                           | III        | Core VI                | Gymnosperms, Paleobotany & Evolution                                                                                                | 16UPBTC06  | 4 | 6  | 50 | 50  | 100 |
|                                           |            | Core V                 | Practical – IV (Bryophytes & Pteridophyte, Gymnosperms, Paleobotany & Evolution)                                                    | 16UPBTC05P | 4 | 2  | 50 | 50  | 100 |
|                                           |            | Allied IV              | Allied Chemistry II                                                                                                                 | 16UCHEA16  | 3 | 6  | 50 | 50  | 100 |
|                                           |            |                        | Allied Chemistry Practical                                                                                                          | 16UCHEA15P | 4 | 2  | 50 | 50  | 100 |
|                                           | IV         | Soft Skill             | Computing skills                                                                                                                    | 16UGSLS04  | 3 | 2  | 50 | 50  | 100 |
|                                           |            | EVS                    | Environmental studies                                                                                                               | 16UEVS401  | 2 | 2  | 50 | 50  | 100 |
| Total Credits – 26, Total Hours/ week- 30 |            |                        |                                                                                                                                     |            |   |    |    |     |     |
| V                                         | III        | Core VII               | Cell Biology & Anatomy                                                                                                              | 16UPBTC07  | 4 | 4  | 50 | 50  | 100 |
|                                           |            | Core VIII              | Morphology, Taxonomy of Angiosperm & Embryology                                                                                     | 16UPBTC08  | 4 | 4  | 50 | 50  | 100 |
|                                           |            | Core IX                | Plant Biotechnology                                                                                                                 | 16UPBTC09  | 4 | 4  | 50 | 50  | 100 |
|                                           |            | Core X                 | Plant Microtechnique                                                                                                                | 16UPBTC10  | 4 | 4  | 50 | 50  | 100 |
|                                           |            | Core XI                | Practical – V (Cell Biology, Anatomy, Morphology, Taxonomy of Angiosperm, Embryology, Plant Biotechnology and Plant Microtechnique) | 16UPBTC11P | 4 | 8  | 50 | 50  | 100 |
|                                           |            | Elective - I           | Plant Diseases & Management                                                                                                         | 16UPBTE01  | 5 | 5  | 50 | 50  | 100 |
|                                           | IV         | Value Education        | Value Education                                                                                                                     | 16UVED401  | 2 | 1  | 50 | 50  | 100 |
| Total Credits – 27, Total Hours/ week- 30 |            |                        |                                                                                                                                     |            |   |    |    |     |     |
| VI                                        | III        | Core XII               | Genetics & Plant Breeding                                                                                                           | 16UPBTC12  | 4 | 5  | 50 | 50  | 100 |
|                                           |            | Core XIII              | Plant Ecology & Phytogeography                                                                                                      | 16UPBTC13  | 4 | 5  | 50 | 50  | 100 |
|                                           |            | Core XIV               | Plant Physiology &                                                                                                                  | 16UPBTC14  | 4 | 4  | 50 | 50  | 100 |

|  |   |                      |                                                                                                                          |            |   |   |    |    |     |
|--|---|----------------------|--------------------------------------------------------------------------------------------------------------------------|------------|---|---|----|----|-----|
|  |   |                      | Biochemistry                                                                                                             |            |   |   |    |    |     |
|  |   | Core XV              | Practical – VII (Genetics, Plant Breeding, Plant Ecology, Phytogeography, Plant Physiology and Biochemistry - Practical) | 16UPBTC15P | 4 | 6 | 50 | 50 | 100 |
|  |   | Elective I           | Herbal Science                                                                                                           | 16UPBTE02  | 5 | 5 | 50 | 50 | 100 |
|  |   | Elective II          | Horticulture                                                                                                             | 16UPBTE03  | 5 | 5 | 50 | 50 | 100 |
|  | V | Extension Activities |                                                                                                                          |            | 1 | – | 50 | 50 | 100 |

**Total Credits - 27, Total Hours/ week- 30**

**Grand Total Credits – 140, Grand Total Hours/ week- 180**

# B.Sc. Advanced Zoology and Biotechnology

## COURSE STRUCTURE 2016-19 Batch

| Sem.                               | Part | Course Component        | Subject Code | Subject Name                                                           | Cdt | Hrs | CIA | ESE | Total |
|------------------------------------|------|-------------------------|--------------|------------------------------------------------------------------------|-----|-----|-----|-----|-------|
| I                                  | I    | Language                | 16UTAMF01    | Tamil I                                                                | 3   | 6   | 50  | 50  | 100   |
|                                    | II   | English                 | 16UENGF41    | English I                                                              | 3   | 4   | 50  | 50  | 100   |
|                                    | III  | Core I                  | 16UAZTC01    | Diversity and Functional Anatomy of Invertebrates                      | 4   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UAZTC02P   | Practical I – Invertebrata and Chordata                                | -   | 2   | *   | *   | *     |
|                                    |      | Allied I                | 16UPBTA11    | Botany I                                                               | 3   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UPBTA12P   | Allied Botany Practical                                                | -   | 2   | *   | *   | *     |
|                                    | IV   | 1. NME/ Basic Tamil     | 16UNME01G    | Aquaculture/Vermitechnology/ Human genetics                            | 2   | 2   |     | 100 | 100   |
|                                    |      | 2. Skill based subjects | 16UGSLS01    | Soft skill I                                                           | 3   | 2   |     | 100 | 100   |
| Total credit =18; Total Hours = 30 |      |                         |              |                                                                        |     |     |     |     |       |
| II                                 | I    | Language                | 16UTAMF02    | Tamil II                                                               | 3   | 6   | 50  | 50  | 100   |
|                                    | II   | English                 | 16UENGF42    | English II                                                             | 3   | 4   | 50  | 50  | 100   |
|                                    | III  | Core II                 | 16UAZTC03    | Diversity and Functional Anatomy of Chordates                          | 4   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UAZTC02P   | Practical I – Invertebrata and Chordata                                | 4   | 2   | 50  | 50  | 100   |
|                                    |      | Allied II               | 16UPBTA13    | Botany II                                                              | 3   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UPBTA12P   | Allied Botany Practical                                                | 4   | 2   | 50  | 50  | 100   |
|                                    | IV   | 1. NME/ Basic Tamil     | 16UNME02G    | Public health and hygiene/Dairy farming/Poultry Science and Management | 2   | 2   |     | 100 | 100   |
|                                    |      | 2. Skill based subjects | 16UGSLS02    | Soft skill II                                                          | 3   | 2   |     | 100 | 100   |
| Total credit =26; Total Hours = 30 |      |                         |              |                                                                        |     |     |     |     |       |
| III                                | I    | Language                | 16UTAMF03    | Tamil III                                                              | 3   | 6   | 50  | 50  | 100   |
|                                    | II   | English                 | 16UENGF43    | English III                                                            | 3   | 4   | 50  | 50  | 100   |
|                                    | III  | Core III                | 16UAZTC04    | Cell and Molecular Biology                                             | 4   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UAZTC05P   | Practical II- Cell Biology, Genetics and Evolution                     | -   | 2   | *   | *   | *     |
|                                    |      | Allied III              | 16UCHEA14    | Chemistry I                                                            | 3   | 6   | 50  | 50  | 100   |
|                                    |      |                         | 16UCHEA15P   | Allied Chemistry Practical                                             | -   | 2   | *   | *   | *     |
|                                    | IV   | 1. Skill                | 16UGSLS03    | Soft skill III                                                         | 3   | 2   |     | 100 | 100   |

|                                    |     |                         |                       |                                                                                     |   |   |     |     |     |
|------------------------------------|-----|-------------------------|-----------------------|-------------------------------------------------------------------------------------|---|---|-----|-----|-----|
|                                    |     | based subjects          |                       |                                                                                     |   |   |     |     |     |
|                                    |     | 2. EVS                  | 16UEVS401             | Environmental science                                                               | - | 2 | *   | *   | *   |
| Total credit =16; Total Hours = 30 |     |                         |                       |                                                                                     |   |   |     |     |     |
| IV                                 | I   | Language                | 16UTAMF04             | Tamil IV                                                                            | 3 | 6 | 50  | 50  | 100 |
|                                    | II  | English                 | 16UENGF44             | English IV                                                                          | 3 | 4 | 50  | 50  | 100 |
|                                    | III | Core IV                 | 16UAZTC06             | Genetics and Evolution                                                              | 4 | 6 | 50  | 50  | 100 |
|                                    |     |                         | 16UAZTC05P2           | Practical II- Cell Biology, Genetics and Evolution                                  | 4 | 2 | 50  | 50  | 100 |
|                                    |     | Allied IV               | 16UCHEA16             | Chemistry II                                                                        | 3 | 6 | 50  | 50  | 100 |
|                                    |     |                         | 16UCHEA15P            | Allied Chemistry Practical                                                          | 4 | 2 | 50  | 50  | 100 |
|                                    | IV  | 1. Skill based subjects | 16UGSLS04             | Soft skill III                                                                      | 3 | 2 |     | 100 | 100 |
| 2. EVS                             |     | 16UEVS401               | Environmental science | 2                                                                                   | 2 |   | 100 | 100 |     |
| Total credit =26; Total Hours = 30 |     |                         |                       |                                                                                     |   |   |     |     |     |
| V                                  | III | Core V                  | 16UAZTC07             | Developmental Biology and Endocrinology                                             | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core VI                 | 16UAZTC08             | Biotechnology and Nanotechnology                                                    | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core VII                | 16UAZTC09             | Animal Physiology, Biochemistry and Immunology                                      | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core VIII               | 16UAZTC10             | Biostatistics and Computer Applications for Life Sciences                           | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core IX                 | 16UAZTC11P            | Practical-III Animal Physiology, Biochemistry, Developmental Biology and Immunology | - | 4 | 50  | 50  | 100 |
|                                    |     | Core X                  | 16UAZTC12P            | Practical-IV- Environmental Biology, Biotechnology and Microbiology                 | - | 4 | *   | *   | *   |
|                                    |     | Elective – I            | 16UAZTE01             | Medical Laboratory Technique                                                        | 5 | 5 | 50  | 50  | 100 |
|                                    | IV  | Value Education         | 16UVED401             | Value education                                                                     | 2 | 1 | *   | 100 | 100 |
| Total credit =23; Total Hours = 30 |     |                         |                       |                                                                                     |   |   |     |     |     |
| VI                                 | III | Core VIII               | 16UAZTC13             | Taxonomy, Ecology and Paleontology                                                  | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core IX                 | 16UAZTC14             | Genetic Engineering and Recombinant DNA technology                                  | 4 | 4 | 50  | 50  | 100 |
|                                    |     | Core X                  | 16UAZTC15             | Microbiology and Industrial Biotechnology                                           | 4 | 4 | 50  | 50  | 100 |

|  |                                           |                      |            |                                                                                     |   |   |    |    |     |
|--|-------------------------------------------|----------------------|------------|-------------------------------------------------------------------------------------|---|---|----|----|-----|
|  |                                           | Core XI              | 16UAZTC11P | Practical-III-Animal Physiology, Biochemistry, Developmental Biology and Immunology | 4 | 4 | 50 | 50 | 100 |
|  |                                           | Core XII             | 16UAZTC12P | Practical-IV Environmental Biology, Biotechnology and Microbiology                  | 4 | 4 | 50 | 50 | 100 |
|  |                                           | Elective II          | 16UAZTE02  | Sericulture and Apiculture                                                          | 5 | 5 | 50 | 50 | 100 |
|  |                                           | Elective III         | 16UAZTE03  | Economic Entomology and Pest Management                                             | 5 | 5 | 50 | 50 | 100 |
|  | V                                         | Extension Activities |            |                                                                                     | 1 | - | -  | -  | -   |
|  | <b>Total credit =31; Total Hours = 30</b> |                      |            |                                                                                     |   |   |    |    |     |
|  | <b>OVERALL CREDIT TOTAL = 140</b>         |                      |            |                                                                                     |   |   |    |    |     |

## COURSE STRUCTURE 2016-19 BATCH

**TOTAL CREDITS = 24, TOTAL HOURS=30**

## COURSE STRUCTURE 2016-19 BATCH

**OVERALL CREDITS TOTAL = 142 / HOURS = 180**

**M.Sc. Chemistry**

**COURSE STRUCTURE 2019-21 Batch**

| <b>Semester</b>                                     | <b>Course Component</b> | <b>Subject Code</b> | <b>Subject Name</b>                                     | <b>Credits</b> | <b>Hours</b> | <b>CIA</b> | <b>ESE</b> | <b>Total</b> |
|-----------------------------------------------------|-------------------------|---------------------|---------------------------------------------------------|----------------|--------------|------------|------------|--------------|
| <b>Semester – I</b>                                 | Core-1                  | 19PCHE301           | Stereochemistry and Reaction Mechanism                  | 4              | 5            | 50         | 50         | 100          |
|                                                     | Core-2                  | 19PCHE302           | Chemical Kinetics                                       | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core-3                  | 19PCHE303           | Coordination Chemistry                                  | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core-4                  | 19PCHE304           | Analytical Chemistry                                    | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core Practical-1        | 19PCHE305P          | Organic Chemistry Practical-1                           | *              | 5            | *          | *          | *            |
|                                                     | Core Practical-2        | 19PCHE306P          | Inorganic Chemistry Practical-1                         | *              | 4            | *          | *          | *            |
|                                                     | Core Practical-3        | 19PCHE307P          | Physical Chemistry Practical-1                          | *              | 4            | *          | *          | *            |
|                                                     | Soft Skill - 1          | 19PGSL401           | Personality Enrichment                                  | 2              |              | 50         | 50         | 100          |
| <b>Total Credits: 18 / Total Hours per week: 30</b> |                         |                     |                                                         |                |              |            |            |              |
| <b>Semester – II</b>                                | Core-5                  | 19PCHE308           | Quantum chemistry and Group Theory                      | 4              | 5            | 50         | 50         | 100          |
|                                                     | Core-6                  | 19PCHE309           | Organometallics and Bioinorganic chemistry              | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core-7                  | 19PCHE310           | Chemistry of Aromatic compounds and Concerted reactions | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core Practical-1        | 19PCHE305P          | Organic Chemistry Practical-1                           | 4              | 5            | 50         | 50         | 100          |
|                                                     | Core Practical -2       | 19PCHE306P          | Inorganic Chemistry Practical-1                         | 4              | 4            | 50         | 50         | 100          |
|                                                     | Core Practical-3        | 19PCHE307P          | Physical Chemistry Practical -1                         | 4              | 4            | 50         | 50         | 100          |
|                                                     | Elective-1              | 19PCHE311           | Chemistry of Natural Products                           | 3              | 4            | 50         | 50         | 100          |
|                                                     | Soft Skill - 2          | 19PGSL402           | Computing Skill                                         | 2              |              | 50         | 50         | 100          |
| <b>Total Credits: 29 / Total Hours per week: 30</b> |                         |                     |                                                         |                |              |            |            |              |

| Semester                                            | Course Component                             | Subject Code | Subject Name                        | Credits | Hours | CIA | ESE | Total |
|-----------------------------------------------------|----------------------------------------------|--------------|-------------------------------------|---------|-------|-----|-----|-------|
| Semester – III                                      | Core-8                                       | 19PCHE312    | Spectroscopy-1                      | 4       | 5     | 50  | 50  | 100   |
|                                                     | Core-9                                       | 19PCHE313    | Synthetic Methodology               | 4       | 5     | 50  | 50  | 100   |
|                                                     | Core-10                                      | 19PCHE314    | Thermodynamics and Electrochemistry | 4       | 5     | 50  | 50  | 100   |
|                                                     | Core Practical-4                             | 19PCHE315P   | Electroanalytical Practical         | *       | 5     | *   | *   | *     |
|                                                     | Elective Practical-1                         | 19PCHE316P   | Analytical Chemistry Practical      | *       | 5     | *   | *   | *     |
|                                                     | Elective-II                                  | 19PCHE317    | Solid state and Nano Chemistry      | 3       | 5     | 50  | 50  | 100   |
|                                                     | Soft Skill-3                                 | 19PGSL403    | Self and Time Management Skills     | 2       | -     | 50  | 50  | 100   |
|                                                     | Summer Internship **                         | 19PINT401    | Summer Internship **                | 2       | -     | 50  | 50  | 100   |
| Total Credits: 19 / Total Hours per week: 30        |                                              |              |                                     |         |       |     |     |       |
| Semester – IV                                       | Core-11                                      | 19PCHE318    | Photochemistry                      | 4       | 5     | 50  | 50  | 100   |
|                                                     | Core-12                                      | 19PCHE319    | Spectroscopy-II                     | 4       | 5     | 50  | 50  | 100   |
|                                                     | Core Practical-4                             | 19PCHE315P   | Electroanalytical Practical         | 4       | 5     | 50  | 50  | 100   |
|                                                     | Elective Practical-1                         | 19PCHE316P   | Analytical Chemistry Practical      | 4       | 5     | 50  | 50  | 100   |
|                                                     | Soft skill-4                                 | 19PGSL404    | Spoken and Presentation Skills      | 2       | -     | 50  | 50  | 100   |
|                                                     |                                              | 19PCHE320    | Group project                       | 6       | 10    | 50  | 50  | 100   |
|                                                     | Total Credits: 24 / Total Hours per week: 30 |              |                                     |         |       |     |     |       |
| Grand Total Credits: 90 / Total Hours per week: 120 |                                              |              |                                     |         |       |     |     |       |

\* Practical Examinations are conducted once in an Academic year - at the end of semester II and semester IV.

\*\* The students should undergo summer internship for three weeks after the second semester and the reports to be submitted

## COURSE STRUCTURE 2016-18 BATCH

| Semester                                     | Part | Course Component | Subject Code | Subject Name                                  | Credits | Hours | Internal | External | Total |
|----------------------------------------------|------|------------------|--------------|-----------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                 | III  | Core-1           | 16PMATC01    | Algebra-I                                     | 4       | 5     | 50       | 50       | 100   |
|                                              | III  | Core-2           | 16PMATC02    | Real Analysis-I                               | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-3           | 16PMATC03    | Ordinary Differential Equations               | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-4           | 16PMATC04    | Graph Theory                                  | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Elective-1       | 16PMATE01    | Fuzzy sets and their Applications             | 4       | 6     | 50       | 50       | 100   |
|                                              | IV   | Soft skill-1     | 16PGSLS01A   | Essential of language and communication Skill | 2       | 1     | 40       | 60       | 100   |
| Total Credits: 22 / Total Hours per week: 30 |      |                  |              |                                               |         |       |          |          |       |
| Semester - II                                | III  | Core-5           | 16PMATC05    | Algebra-II                                    | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-6           | 16PMATC06    | Real Analysis-II                              | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-7           | 16PMATC07    | Partial Differential Equations                | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-8           | 16PMATC08    | Probability Theory                            | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Elective -2      | 16PMATE02    | Programming in C++ and Numerical Methods      | 4       | 5     | 50       | 50       | 100   |
|                                              | IV   | Soft skill-2     | 16PGSLS02C   | Computing Skill                               | 2       | 1     | 40       | 60       | 100   |
| Total Credits: 22/ Total Hours per week: 30  |      |                  |              |                                               |         |       |          |          |       |
| Semester - III                               | III  | Core-9           | 16PMATC09    | Complex Analysis –I                           | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-10          | 16PMATC10    | Topology                                      | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-11          | 16PMATC11    | Operations Research                           | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core-12          | 16PMATC12    | Mechanics                                     | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Elective -3      | 16PMATE03    | Number theory and Cryptography                | 4       | 5     | 50       | 50       | 100   |
|                                              | IV   | Soft skill-3     | 16PGSLS03E   | Managerial Skill                              | 2       | 1     | 40       | 60       | 100   |
|                                              | IV   |                  | 16PINT401    | Summer Internship                             | 2       | -     | -        | -        | -     |
| Total Credits: 24 / Total Hours per week: 30 |      |                  |              |                                               |         |       |          |          |       |

## COURSE STRUCTURE 2016-18 BATCH

**Total Credits: 22 / Total Hours per week: 30**

**M.Sc. Zoology**  
**COURSE STRUCTURE 2016-18 Batch**

| Se m | Part             | Subjects                                                                       | Cdt       | Hr         | Exam hrs | CI A | ESE | Total |
|------|------------------|--------------------------------------------------------------------------------|-----------|------------|----------|------|-----|-------|
| I    | Core-1           | Functional Morphology and Phylogeny of Invertebrata                            | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-2           | Cell and Molecular Biology                                                     | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-3           | Genetics- A Molecular approach                                                 | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Elective I       | Fish biology & Fisheries                                                       | 4         | 5          | 3        | 50   | 50  | 100   |
|      | Core practical-1 | Invertebrata ,Chordata, and Fishery Biology                                    | *         | 6          | *        | *    | *   | *     |
|      | Core practical-2 | Cell & Mol Biol, Biophysics, Biotech, Genetics, Biostatistics and Microbiology | *         | 6          | *        | *    | *   | *     |
|      | Soft skill       | Language and communication skill                                               | 2         | 1          | 3        | -    | 100 | 100   |
|      |                  | <b>Credit Total</b>                                                            | <b>18</b> | <b>30</b>  |          |      |     |       |
| II   | Core-4           | Functional Morphology and Phylogeny of Chordates                               | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-5           | Biophysics and Biostatistics                                                   | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-6           | Microbiology                                                                   | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Elective II      | (IDP) Aquarium Fishes                                                          | 4         | 5          | 3        | 50   | 50  | 100   |
|      | Core practical-1 | Invertebrata, Chordata, and Fishery Biology                                    | 4         | 6          | 4        | 50   | 50  | 100   |
|      | Core practical-2 | Cell & Mol Biol, Biophysics, Biotech, Genetics, Biostatistics and Microbiology | 4         | 6          | 4        | 50   | 50  | 100   |
|      | Soft skill       | Computing skills                                                               | 2         | 1          | 3        | -    | 100 | 100   |
|      |                  | Internship                                                                     | 2         | *          | -        | -    | 100 | 100   |
|      |                  | <b>Credit Total</b>                                                            | <b>28</b> | <b>30</b>  |          |      |     |       |
| III  | Core-7           | Bioinformatics and Computer Applications                                       | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-8           | Developmental and Stem Cell Biology                                            | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-9           | Environmental Biology and Evolution                                            | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Elective III     | Entomology                                                                     | 4         | 5          | 3        | 50   | 50  | 100   |
|      | Core practical-3 | Animal Physiology, Environmental Biology and Biochemistry                      | *         | 6          | *        | *    | *   | *     |
|      | Core practical-4 | Developmental Biology, Bioinformatics, Computer Applications, and Entomology   | *         | 6          | *        | *    | *   | *     |
|      | Soft skill       | Managerial skills                                                              | 2         | 1          | 3        | -    | 100 | 100   |
|      |                  | <b>Credit Total</b>                                                            | <b>18</b> | <b>30</b>  |          |      |     |       |
| IV   | Core-10          | Animal Physiology                                                              | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-11          | Biochemistry                                                                   | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core-12          | Biotechnology                                                                  | 4         | 4          | 3        | 50   | 50  | 100   |
|      | Core practical-3 | Animal Physiology, Environmental Biology and Biochemistry                      | 4         | 6          | 4        | 50   | 50  | 100   |
|      | Core Practical-4 | Developmental Biology, Bioinformatics, Computer Applications, and Entomology   | 4         | 6          | 4        | 50   | 50  | 100   |
|      | Soft Skill       | Spoken and presentation skills                                                 | 2         | 1          | 3        |      | 100 | 100   |
|      |                  | Project                                                                        | 4         | 5          | -        | 50   | 50  | 100   |
|      |                  | <b>Credit Total</b>                                                            | <b>26</b> | <b>30</b>  |          |      |     |       |
|      |                  | <b>Total Credits</b>                                                           | <b>90</b> | <b>120</b> |          |      |     |       |

## **M.Phil. Zoology**

### **COURSE STRUCTURE 2016 –17 Batch**

| <b>Semester</b>   | <b>Part</b>         | <b>Subjects</b>                   | <b>Credit</b> | <b>Exam hours</b> | <b>Ext. Max Marks</b> |
|-------------------|---------------------|-----------------------------------|---------------|-------------------|-----------------------|
| <b>I &amp; II</b> | <b>Paper I</b>      | <b>Research Methodology</b>       | <b>5</b>      | <b>3</b>          | <b>100</b>            |
|                   | <b>Paper II</b>     | <b>Recent Advances In Zoology</b> | <b>5</b>      | <b>3</b>          | <b>100</b>            |
|                   | <b>Paper III</b>    | <b>Applied Entomology</b>         | <b>5</b>      | <b>3</b>          | <b>100</b>            |
|                   | <b>Project Work</b> | <b>Dissertation</b>               | <b>21</b>     | <b>-</b>          | <b>300</b>            |
|                   | <b>Total</b>        |                                   | <b>36</b>     |                   |                       |

The assignment of marks for Project is as follows:

#### **Continuous Internal Assessment**

Literature survey, Methodology and Results of the project work - 80 marks

#### **End Semester Assessment**

Project work book - 70 marks

Dissertation - 150 marks

**B.Com (General)**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                     | Part | Course                                                                    | Title                                  | Subject Code | Hours | Credits | Marks    |          | Total |
|----------------------------------------------|------|---------------------------------------------------------------------------|----------------------------------------|--------------|-------|---------|----------|----------|-------|
|                                              |      |                                                                           |                                        |              |       |         | Internal | External |       |
| I                                            | I    | Language                                                                  | Tamil - I                              | 16UTAMF01    | 6     | 3       | 50       | 50       | 100   |
|                                              | II   | English                                                                   | English-I                              | 16UENGF21    | 4     | 3       | 50       | 50       | 100   |
|                                              | III  | Core - I                                                                  | Financial Accounting–I                 | 16UCOMC01    | 6     | 4       | 50       | 50       | 100   |
|                                              |      | Core - II                                                                 | Business Communication                 | 16UCOMC02    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Allied I                                                                  | Economics for Business Decision        | 16UCOMA01    | 5     | 5       | 50       | 50       | 100   |
|                                              | IV   | Non – Tamil Students: Tamil (VI Std) Tamil Students: Non – Major Elective | Basics of Retail Marketing/Basic Tamil | 16UNME01H    | 2     | 2       | -        | 100      | 100   |
|                                              |      |                                                                           | Soft Skill-English                     | 16UGSLS01    | 2     | 3       | -        | 100      | 100   |
| TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30 |      |                                                                           |                                        |              |       |         |          |          |       |
| II                                           | I    | Language                                                                  | Tamil - II                             | 16UTAMF02    | 6     | 3       | 50       | 50       | 100   |
|                                              | II   | English                                                                   | English-II                             | 16UENGF22    | 4     | 3       | 50       | 50       | 100   |
|                                              | III  | Core III                                                                  | Financial Accounting–II                | 16UCOMC03    | 6     | 4       | 50       | 50       | 100   |
|                                              |      | Core IV                                                                   | Principles of Management               | 16UCOMC04    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Allied II                                                                 | Indian Economic Development            | 16UCOMA02    | 5     | 5       | 50       | 50       | 100   |
|                                              | IV   | Non – Tamil Students: Tamil (VI Std) Tamil Students: Non – Major Elective | Fundamentals of Insurance/Basic Tamil  | 16UNME02H    | 2     | 2       | -        | 100      | 100   |
|                                              |      |                                                                           | Soft Skill-English                     | 16UGSLS02    | 2     | 3       | -        | 100      | 100   |
| TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30 |      |                                                                           |                                        |              |       |         |          |          |       |
| III                                          | III  | Core V                                                                    | Corporate Accounting–I                 | 16UCOMC05    | 6     | 4       | 50       | 50       | 100   |
|                                              |      | Core VI                                                                   | Business Laws                          | 16UCOMC06    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Core VII                                                                  | Banking and Financial Services         | 16UCOMC07    | 6     | 4       | 50       | 50       | 100   |
|                                              |      | Core VIII                                                                 | Marketing                              | 16UCOMC08    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Allied III                                                                | Business Statistics                    | 16UMATA22    | 6     | 5       | 50       | 50       | 100   |
|                                              | IV   | Skill Based Subjects                                                      | Soft Skill-Personality Enrichment      | 16UGSLS03    | 2     | 3       | -        | 100      | 100   |
| TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30 |      |                                                                           |                                        |              |       |         |          |          |       |
| IV                                           | III  | Core IX                                                                   | Corporate Accounting–II                | 16UCOMC09    | 6     | 4       | 50       | 50       | 100   |
|                                              |      | Core X                                                                    | Company Law                            | 16UCOMC10    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Core XI                                                                   | Business Taxation                      | 16UCOMC11    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Core XII                                                                  | Research Methodology                   | 16UCOMC12    | 5     | 4       | 50       | 50       | 100   |
|                                              |      | Allied IV                                                                 | Operations Research                    | 16UCOMA04    | 6     | 5       | 50       | 50       | 100   |
|                                              | IV   | Skill Based Subjects                                                      | Computing skill                        | 16UGSLS04    | 1     | 3       | -        | 100      | 100   |

|                                                              |     |                       |                              |           |   |   |    |     |     |
|--------------------------------------------------------------|-----|-----------------------|------------------------------|-----------|---|---|----|-----|-----|
|                                                              |     | Environmental Studies | Environmental Studies        | 16UEVS401 | 2 | 2 | -  | 100 | 100 |
| <b>TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK - 30</b>          |     |                       |                              |           |   |   |    |     |     |
| V                                                            | III | Core XIII             | Cost Accounting              | 16UCOMC13 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Core XIV              | Practical Auditing           | 16UCOMC14 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Core XV               | Entrepreneurial Development  | 16UCOMC15 | 5 | 4 | 50 | 50  | 100 |
|                                                              |     | Core XVI              | Financial Management         | 16UCOMC16 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Elective -I           | Income tax law & Practice-I  | 16UCOME01 | 6 | 5 | 50 | 50  | 100 |
|                                                              | IV  | Value Education       | Value Education              | 16UVED401 | 1 | 2 | -  | 100 | 100 |
| <b>TOTAL CREDIT – 23/ TOTAL HOURS PER WEEK - 30</b>          |     |                       |                              |           |   |   |    |     |     |
| VI                                                           | III | Core XVII             | Advanced Cost Accounting     | 16UCOMC17 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Core XVIII            | Management Accounting        | 16UCOMC18 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Core XIX              | Business Environment         | 16UCOMC19 | 6 | 4 | 50 | 50  | 100 |
|                                                              |     | Elective -II          | Income tax law & Practice-II | 16UCOME02 | 6 | 5 | 50 | 50  | 100 |
|                                                              |     | Elective -III         | Human Resource Management    | 16UCOME03 | 6 | 5 | 50 | 50  | 100 |
|                                                              | V   | Extension Activities  | Community Service            |           | - | 1 | -  | -   | -   |
| <b>TOTAL CREDIT – 23/ TOTAL HOURS PER WEEK - 30</b>          |     |                       |                              |           |   |   |    |     |     |
| <b>GRAND TOTAL CREDIT – 144 / TOTAL HOURS PER WEEK – 180</b> |     |                       |                              |           |   |   |    |     |     |

## B.Com (Corporate Secretaryship)

### COURSE STRUCTURE 2016-19 Batch

| Semester | Part | Course          | Title                                                                                                                                   | Subject Code                                              | Hours      | Credits    | Marks        |              | Total          |
|----------|------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------|------------|--------------|--------------|----------------|
|          |      |                 |                                                                                                                                         |                                                           |            |            | Inter<br>nal | Exter<br>nal |                |
| I        | I    | Language I      | TAMIL-I/Hindi-I/<br>SANSKRIT – I/ FRENCH - I                                                                                            | 16UTAMF01/<br>16UHINF01/<br>16USANF01/<br>16UFREF01       | 6          | 3          | 50           | 50           | 100            |
|          | II   | English I       | English-I                                                                                                                               | 16UENGF41                                                 | 4          | 3          | 50           | 50           | 100            |
|          | III  | Core Paper- I   | Financial Accounting                                                                                                                    | 16UCOSC01                                                 | 6          | 4          | 50           | 50           | 100            |
|          | III  | Core Paper- II  | Company Law and Secretarial<br>Practice – I                                                                                             | 16UCOSC02                                                 | 5          | 4          | 50           | 50           | 100            |
|          | III  | Allied - I      | Corporate E Management                                                                                                                  | 16UCOSA01                                                 | 5          | 5          | 50           | 50           | 100            |
|          | IV   | NME             | A) Introduction to Financial<br>Markets and Investment<br>B) Advanced Tamil /<br>Basic Tamil<br><br>C) Listening and Speaking<br>Skills | 16UNME01J<br><br>16UADT401/<br>16UBAT401<br><br>16UNME01J | 2<br><br>2 | 2<br><br>3 | 50<br><br>50 | 50<br><br>50 | 100<br><br>100 |
|          |      |                 | <b>TOTAL CREDITS/HOURS</b>                                                                                                              |                                                           | <b>30</b>  | <b>24</b>  |              |              |                |
| II       | I    | Language II     | TAMIL-II /Hindi-II /<br>SANSKRIT –II/ FRENCH - II                                                                                       | 16UTAMF02/<br>16UHINF02/<br>16USANF02/<br>16UFREF02       | 6          | 3          | 50           | 50           | 100            |
|          | II   | English II      | English-II                                                                                                                              | 16UENGF42                                                 | 4          | 3          | 50           | 50           | 100            |
|          | III  | Core Paper- III | Advanced Financial<br>Accounting                                                                                                        | 16UCOSC03                                                 | 6          | 4          | 50           | 50           | 100            |
|          | III  | Core Paper- IV  | Human Resource Management                                                                                                               | 16UCOSC04                                                 | 5          | 4          | 50           | 50           | 100            |
|          | III  | Allied - II     | Business Communication                                                                                                                  | 16UCOSA02                                                 | 5          | 5          | 50           | 50           | 100            |
|          | IV   | NME             | A) Fundamentals of Insurance<br>B) Advanced Tamil /<br>Basic Tamil<br><br>C) Reading and Writing<br>Skills                              | 16UNME02J<br><br>16UADT402/<br>16UBAT402<br><br>16UNME02J | 2<br><br>2 | 2<br><br>3 | 50<br><br>50 | 50<br><br>50 | 100<br><br>100 |
|          |      |                 | <b>TOTAL CREDITS/HOURS</b>                                                                                                              |                                                           | <b>30</b>  | <b>24</b>  |              |              |                |

|       |     |                        |                                                          |                                                     |            |            |          |          |            |
|-------|-----|------------------------|----------------------------------------------------------|-----------------------------------------------------|------------|------------|----------|----------|------------|
| III   | I   | Language III           | TAMIL-III /Hindi-III /<br>SANSKRIT-III /<br>FRENCH - III | 16UTAMF03/<br>16UHINF03/<br>16USANF03/<br>16UFREF03 | 6          | 3          | 50       | 50       | 100        |
|       | II  | English III            | English-III                                              | 16UENGF43                                           | 4          | 3          | 50       | 50       | 100        |
|       | III | Core Paper- V          | Corporate Accounting - I                                 | 16UCOSC05                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | Core Paper- VI         | Company Law and Secretarial<br>Practice – II             | 16UCOSC06                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | Allied - III           | Statistics-I                                             | 16UCOSA03                                           | 6          | 5          | 50       | 50       | 100        |
|       | IV  | Soft Skills            | Personality Enrichment                                   | 16UGSLS03                                           | 2          | 3          | 50       | 50       | 100        |
|       |     |                        | <b>TOTAL CREDITS/HOURS</b>                               |                                                     | <b>30</b>  | <b>22</b>  |          |          |            |
| IV    | I   | Language IV            | TAMIL-IV /Hindi-IV /<br>SANSKRIT –VI /<br>FRENCH - VI    | 16UTAMF04/<br>16UHINF04/<br>16USANF04/<br>16UFREF04 | 6          | 3          | 50       | 50       | 100        |
|       | II  | English IV             | English-IV                                               | 16UENGF44                                           | 4          | 3          | 50       | 50       | 100        |
|       | III | Core Paper- VII        | Corporate Accounting – II                                | 16UCOSC07                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | Core Paper-<br>VIII    | Corporate Governance                                     | 16UCOSC08                                           | 5          | 4          | 50       | 50       | 100        |
|       | III | Allied - IV            | Statistics-II                                            | 16UCOSA04                                           | 5          | 5          | 50       | 50       | 100        |
|       | IV  | NME                    | A) EVS<br>B) Computing Skills                            | 16UGSLS04                                           | 2<br>2     | 2<br>3     | 50<br>50 | 50<br>50 | 100<br>100 |
|       |     |                        | <b>TOTAL CREDITS/HOURS</b>                               |                                                     | <b>30</b>  | <b>24</b>  |          |          |            |
| V     | III | <b>Core -IX</b>        | Management Accounting                                    | 16UCOSC09                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core -X</b>         | Securities Law &Market Operations                        | 16UCOSC10                                           | 5          | 4          | 50       | 50       | 100        |
|       | III | <b>Core -XI</b>        | Income Tax Law & Practice-I                              | 16UCOSC11                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core -XII</b>       | Commercial Law                                           | 16UCOSC12                                           | 5          | 4          | 50       | 50       | 100        |
|       | III | <b>Elective Theory</b> | Entrepreneurial Development                              | 16UCOSE01                                           | 6          | 5          | 50       | 50       | 100        |
|       | IV  | Value Education        | Value Education                                          | 16UVED401                                           | 2          | 2          |          |          |            |
|       |     |                        | <b>TOTAL CREDITS/HOURS</b>                               |                                                     | <b>30</b>  | <b>23</b>  |          |          |            |
| VI    | III | <b>Core – XIII</b>     | Cost Accounting                                          | 16UCOSC13                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core– XIV</b>       | Industrial Law                                           | 16UCOSC14                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core –XV</b>        | Income Tax Law & Practice-II                             | 16UCOSC15                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core-XVI</b>        | Goods and Services Tax &<br>Customs Law                  | 16UCOSC16                                           | 6          | 4          | 50       | 50       | 100        |
|       | III | <b>Core-Project</b>    | Institutional Training                                   | 16UCOSE02                                           | 6          | 6          | 50       | 50       | 100        |
|       | IV  | Extension              | Extension Activities                                     |                                                     |            | 1          | 50       | 50       | 100        |
|       |     |                        | <b>TOTAL CREDITS/HOURS</b>                               |                                                     | <b>30</b>  | <b>23</b>  |          |          |            |
| Total |     |                        |                                                          |                                                     | <b>180</b> | <b>140</b> |          |          |            |

**B.Com (Accounting & Finance)**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                              | Part | Course                        | Title                                | Subject Code | Credits | Hours | Marks    |          | Total |
|-------------------------------------------------------|------|-------------------------------|--------------------------------------|--------------|---------|-------|----------|----------|-------|
|                                                       |      |                               |                                      |              |         |       | Internal | External |       |
| I                                                     | I    | Language                      | Tamil-I                              | 16UTAMF01    | 3       | 6     | 50       | 50       | 100   |
|                                                       |      |                               | Sanskrit-I                           | 16USANF01    |         |       |          |          |       |
|                                                       |      |                               | Hindi-I                              | 16UHINF01    |         |       |          |          |       |
|                                                       |      |                               | French-I                             | 16UFREF01    |         |       |          |          |       |
|                                                       | II   | English                       | English (Incl. Skill based subject)  | 16UENG21     | 3       | 6     | 50       | 50       | 100   |
|                                                       | III  | Core I                        | Fundamentals of Accounting           | 16UCAFCO1    | 4       | 5     | 50       | 50       | 100   |
|                                                       | III  | Core II                       | Principles of Management             | 16UCAFCO2    | 4       | 5     | 50       | 50       | 100   |
|                                                       | III  | Allied 1                      | Business Maths & Statistics          | 16UMATA12    | 5       | 6     | 50       | 50       | 100   |
|                                                       | IV   | 1. NME/ Basic/ Advanced Tamil | Basics of Retail Marketing           | 16UNME01H    | 2       | 2     |          | 100      | 100   |
|                                                       |      |                               | Basic Tamil-I                        | 16UBAT401    |         |       |          |          |       |
|                                                       |      |                               | Advanced Tamil-I                     | 16UADT401    |         |       |          |          |       |
|                                                       |      | 2. Skill based subject        | Listening and Speaking Skills        | 16UGSLS01    | 3       | -     |          | 100      | 100   |
| <b>Total Credits - 24 / Total Hours Per Week - 30</b> |      |                               |                                      |              |         |       |          |          |       |
| II                                                    | I    | Language                      | Tamil-II                             | 16UTAMF02    | 3       | 6     | 50       | 50       | 100   |
|                                                       |      |                               | Sanskrit-II                          | 16USANF02    |         |       |          |          |       |
|                                                       |      |                               | Hindi-II                             | 16UHINF02    |         |       |          |          |       |
|                                                       |      |                               | French-II                            | 16UFREF02    |         |       |          |          |       |
|                                                       | II   | English                       | English (Incl. Skill based subject)  | 16UENG22     | 3       | 6     | 50       | 50       | 100   |
|                                                       | III  | Core III                      | Business and Corporate Laws          | 16UCAFC03    | 4       | 5     | 50       | 50       | 100   |
|                                                       | III  | Core IV                       | Advanced Financial Accounting        | 16UCAFC04    | 4       | 5     | 50       | 50       | 100   |
|                                                       | III  | Allied II                     | Business Maths & Operations Research | 16UMATA16    | 5       | 6     | 50       | 50       | 100   |
|                                                       | IV   | 1. NME/ Basic/ Advanced Tamil | Basics of Business Insurance         | 16UNME02P    | 3       | -     |          | 100      | 100   |
|                                                       |      |                               | Basic Tamil-II                       | 16UBAT402    |         |       |          |          |       |
|                                                       |      |                               | Advanced Tamil-II                    | 16UADT402    |         |       |          |          |       |
|                                                       |      | 2. Soft Skill II              | Reading and Writing Skills           | 16UGSLS02    | 2       | 2     |          | 100      | 100   |
| <b>Total Credits - 24 / Total Hours Per Week - 30</b> |      |                               |                                      |              |         |       |          |          |       |
| III                                                   | III  | Core V                        | Banking                              | 16UCAFC05    | 4       | 5     | 50       | 50       | 100   |
|                                                       |      | Core VI                       | Corporate Accounting                 | 16UCAFC06    | 4       | 6     | 50       | 50       | 100   |
|                                                       |      | Core VII                      | Business Communication               | 16UCAFC07    | 4       | 5     | 50       | 50       | 100   |
|                                                       |      | Core VIII                     | Investment Planning                  | 16UCAFC08    | 4       | 6     | 50       | 50       | 100   |
|                                                       |      | Allied III                    | Practical Auditing                   | 16UCAFA03    | 5       | 6     | 50       | 50       | 100   |
|                                                       | IV   | Soft Skill III                | Personality Enrichment               | 16UGSLS03    | 3       | 2     |          | 100      | 100   |
| <b>Total Credits - 24 / Total Hours Per Week - 30</b> |      |                               |                                      |              |         |       |          |          |       |

| Semester                                               | Part | Course             | Title                                    | Subject Code | Credits | Hours | Internal | External | Total |
|--------------------------------------------------------|------|--------------------|------------------------------------------|--------------|---------|-------|----------|----------|-------|
| IV                                                     | III  | Core IX            | Entrepreneurial Development              | 16UCAFC09    | 4       | 5     | 50       | 50       | 100   |
|                                                        |      | Core X             | Financial Services                       | 16UCAFC10    | 4       | 5     | 50       | 50       | 100   |
|                                                        |      | Core XI            | Business and International Economics     | 16UCAFC11    | 4       | 5     | 50       | 50       | 100   |
|                                                        |      | Core XII           | Advanced Corporate Accounting            | 16UCAFC12    | 4       | 5     | 50       | 50       | 100   |
|                                                        |      | Allied IV          | Business Taxation                        | 16UCAFC04    | 5       | 6     | 50       | 50       | 100   |
|                                                        | IV   | Soft Skill IV      | Computing Skills                         | 16UGSLS04    | 3       | 2     |          | 100      | 100   |
|                                                        |      | EVS                | Environmental Studies                    | 16UEVS401    | 2       | 2     |          | 100      | 100   |
| Total Credits - 26 / Total Hours Per Week - 30         |      |                    |                                          |              |         |       |          |          |       |
| V                                                      | III  | Core XIII          | Professional Cost Accounting             | 16UCAFC13    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Core XIV           | Management Accounting                    | 16UCAFC14    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Core XV            | Income Tax Law And Practice – I          | 16UCAFC15    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Core XVI           | Marketing Management                     | 16UCAFC16    | 4       | 5     | 50       | 50       | 100   |
|                                                        |      | Elective – I       | Business Policy and Strategic Management | 16UCAFE01    | 5       | 6     | 50       | 50       | 100   |
|                                                        | IV   | Value Education    | Value Education                          | 16UVED401    | 2       | 1     |          | 100      | 100   |
| Total Credits - 23 / Total Hours Per Week - 30         |      |                    |                                          |              |         |       |          |          |       |
| VI                                                     | III  | Core XVII          | Advanced Financial Management            | 16UCAFC17    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Core XVIII         | Income Tax Law And Practice – II         | 16UCAFC18    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Core XIX           | Project Viva Voce                        | 16UCAFC19    | 4       | 6     | 50       | 50       | 100   |
|                                                        |      | Elective – II      | Working Capital Management               | 16UCAFE02    | 5       | 6     | 50       | 50       | 100   |
|                                                        |      | Elective – III     | Human Resource Management                | 16UCAFE02    | 5       | 6     | 50       | 50       | 100   |
|                                                        | V    | Extension Activity | Community Service                        |              | 1       | -     | -        | -        | -     |
| Total Credits - 23 / Total Hours Per Week - 30         |      |                    |                                          |              |         |       |          |          |       |
| Grand Total Credits - 144 / Total Hours Per Week – 180 |      |                    |                                          |              |         |       |          |          |       |

**B.Com (Honours)**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                            | Part | Course   | Title                                             | Subject Code                                        | Credits | Hours | Marks    |          | Total |
|-----------------------------------------------------|------|----------|---------------------------------------------------|-----------------------------------------------------|---------|-------|----------|----------|-------|
|                                                     |      |          |                                                   |                                                     |         |       | Internal | External |       |
| I                                                   | I    | Language | Language (Tamil/ Hindi/ Sanskrit/ French)         | 16UHTAF01/<br>16UHHIF01/<br>16UHSAF01/<br>16UHFRF01 | 3       | 4     | 50       | 50       | 100   |
|                                                     | II   | English  | English                                           | 16UHENF21                                           | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | CORE I   | Financial Accounting - I                          | 16UHONC01                                           | 4       | 6     | 50       | 50       | 100   |
|                                                     |      | CORE II  | Marketing Practice                                | 16UHONC02                                           | 4       | 5     | 50       | 50       | 100   |
|                                                     |      | CORE III | Principles of Management                          | 16UHONC03                                           | 4       | 4     | 50       | 50       | 100   |
|                                                     |      | CORE IV  | Business Economics                                | 16UHONC04                                           | 4       | 5     | 50       | 50       | 100   |
|                                                     | IV   | NME I    | Basic Tamil/ Retail Marketing                     | 16UHBT401/<br>16UNME01N                             | 2       | 2     | -        | 100      | 100   |
|                                                     |      |          | Internship - I (two weeks)                        | 16UINT401                                           | 2       |       |          |          |       |
| <b>TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK – 30</b> |      |          |                                                   |                                                     |         |       |          |          |       |
| II                                                  | I    | Language | Language –II<br>(Tamil/Hindi/<br>Sanskrit/French) | 16UHTAF02/<br>16UHHIF02/<br>16UHSAF02/<br>16UHFRF02 | 3       | 4     | 50       | 50       | 100   |
|                                                     | II   | English  | English – II                                      | 16UHENF22                                           | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | CORE V   | Financial Accounting –II                          | 16UHONC05                                           | 4       | 6     | 50       | 50       | 100   |
|                                                     |      | CORE VI  | Banking Theory & Practices                        | 16UHONC06                                           | 4       | 5     | 50       | 50       | 100   |
|                                                     |      | CORE VII | Services Marketing                                | 16UHONC07                                           | 4       | 4     | 50       | 50       | 100   |

|                                                     |     |            |                                             |                         |   |   |    |     |     |
|-----------------------------------------------------|-----|------------|---------------------------------------------|-------------------------|---|---|----|-----|-----|
|                                                     |     | CORE VIII  | Business Policy & Environment               | 16UHONC08               | 4 | 5 | 50 | 50  | 100 |
|                                                     | IV  | NME II     | Basic Tamil/ Basics of Insurance            | 16UHBT402/<br>16UNME02N | 2 | 2 |    | 100 | 100 |
|                                                     |     |            | Internship - II<br>(four weeks)             | 16UINT401               | 4 |   |    |     |     |
| <b>TOTAL CREDIT – 28/ TOTAL HOURS PER WEEK - 30</b> |     |            |                                             |                         |   |   |    |     |     |
| III                                                 | III | CORE IX    | Corporate Accounting                        | 16UHONC09               | 4 | 6 | 50 | 50  | 100 |
|                                                     |     | CORE X     | Business Law                                | 16UHONC10               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XI    | Business Mathematics                        | 16UMATA20               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XII   | Financial Services                          | 16UHONC11               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XIII  | Logistics and Supply chain Management       | 16UHONC12               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XIV   | International Trade                         | 16UHONC13               | 4 | 4 | 50 | 50  | 100 |
|                                                     |     |            | Internship - III<br>(two weeks)             | 16UINT401               | 2 |   |    |     |     |
| <b>TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK - 30</b> |     |            |                                             |                         |   |   |    |     |     |
| IV                                                  | III | CORE XV    | Business Statistics and Operations Research | 16UHONC15               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XVI   | Insurance and Risk Management               | 16UHONC16               | 4 | 4 | 50 | 50  | 100 |
|                                                     |     | CORE XVII  | Special Accounts                            | 16UHONC17               | 4 | 5 | 50 | 50  | 100 |
|                                                     |     | CORE XVIII | Company Law                                 | 16UHONC18               | 4 | 5 | 50 | 50  | 100 |

[illegible]

|    |                                                      |             |                                            |           |   |   |    |     |     |
|----|------------------------------------------------------|-------------|--------------------------------------------|-----------|---|---|----|-----|-----|
| VI | III                                                  | CORE XXVII  | Accounting for Decision Making             | 16UHONC27 | 4 | 6 | 50 | 50  | 100 |
|    |                                                      | CORE XXVIII | Human Resource Management                  | 16UHONC28 | 4 | 5 | 50 | 50  | 100 |
|    |                                                      | CORE XXIX   | Security Analysis and Portfolio Management | 16UHONC29 | 4 | 5 | 50 | 50  | 100 |
|    |                                                      | CORE XXX    | Entrepreneurial Development                | 16UHONC30 | 4 | 4 | 50 | 50  | 100 |
|    |                                                      | CORE XXXI   | Business Taxation                          | 16UHONC31 | 4 | 5 | 50 | 50  | 100 |
|    |                                                      |             | Project & Viva-voce                        | 16UHONC32 | 8 | 5 |    | 100 | 100 |
|    |                                                      |             | Extension Activities                       |           | 1 |   |    |     |     |
|    | TOTAL CREDIT – 29/ TOTAL HOURS PER WEEK - 30         |             |                                            |           |   |   |    |     |     |
|    | GRAND TOTAL CREDIT 167– / TOTAL HOURS PER WEEK – 180 |             |                                            |           |   |   |    |     |     |

## M.Com (General)

### COURSE STRUCTURE 2016-18 Batch

| Semester                   | Part              | Course Components                  | Subjects Code | Subject Name                                           | Credits | Hours | Marks    |          | Total |
|----------------------------|-------------------|------------------------------------|---------------|--------------------------------------------------------|---------|-------|----------|----------|-------|
|                            |                   |                                    |               |                                                        |         |       | Internal | External |       |
| I                          | III               | Core Paper – I                     | 16PCOMC01     | Advanced Corporate Accounting And Accounting Standards | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – II                    | 16PCOMC02     | Financial Management                                   | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – III                   | 16PCOMC03     | Organisational Behaviour                               | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Core Paper – IV                    | 16PCOMC04     | Managerial Economics                                   | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Elective – I                       | 16PCOME01     | Accounts For Specialised Institutions                  | 4       | 6     | 50       | 50       | 100   |
|                            | IV                | Soft Skill – I                     | 16PGSLS01A    | Essentials of Language and Communication               | 2       | 2     | 50       | 50       | 100   |
| CREDIT TOTAL = 22          |                   |                                    |               |                                                        |         |       |          |          |       |
| II                         | III               | Core Paper – V                     | 16PCOMC05     | Advanced Business Statistics                           | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – VI                    | 16PCOMC06     | Marketing of Services                                  | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – VII                   | 16PCOMC07     | Income Tax Law And Practice                            | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Core Paper - VIII                  | 16PCOMC08     | Advanced Cost and Management Accounting                | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Elective – II – Extra Disciplinary | 16PCOME02     | Knowledge Management                                   | 4       | 5     | 50       | 50       | 100   |
|                            | IV                | Internship                         | 16PINT401     |                                                        | 2       |       |          |          | 100   |
|                            |                   | Soft Skill – II                    | 16PGSLS02C    | Computing Skills                                       | 2       | 2     | 50       | 50       | 100   |
| CREDIT TOTAL = 24          |                   |                                    |               |                                                        |         |       |          |          |       |
| III                        | III               | Core Paper – IX                    | 16PCOMC09     | Research Methodology                                   | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – X                     | 16PCOMC10     | Fundamentals of Information Technology                 | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Core Paper – XI                    | 16PCOMC11     | Accounting For Decision Making                         | 4       | 6     | 50       | 50       | 100   |
|                            |                   | Core Paper – XII                   | 16PCOMC12     | Indirect Taxes                                         | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Elective – III Extra Disciplinary  | 16PCOME03     | Operations Research                                    | 4       | 6     | 50       | 50       | 100   |
|                            | IV                | Soft Skill – III                   | 16PGSLS04F    | Essentials of Spoken and Presentation Skills           | 2       | 2     | 50       | 50       | 100   |
|                            | CREDIT TOTAL = 22 |                                    |               |                                                        |         |       |          |          |       |
| IV                         | III               | Core Paper – XIII                  | 16PCOMC13     | Management Information System                          | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Core Paper – XIV                   | 16PCOMC14     | Investment Analysis and Portfolio Theory               | 4       | 5     | 50       | 50       | 100   |
|                            |                   | Core Paper – XV                    | 16PCOMC15     | Project Plus Viva Voce                                 | 8       | 6     | 40       | 60       | 100   |
|                            |                   | Elective –IV                       | 16PCOME04     | Computerized Accounting                                | 4       | 6     | 50       | 50       | 100   |
|                            |                   |                                    |               |                                                        |         |       |          |          |       |
|                            | IV                | Soft Skill – IV                    | 16PGSLS06H    | Personality Enrichment                                 | 2       | 2     | 50       | 50       | 100   |
| CREDIT TOTAL = 22          |                   |                                    |               |                                                        |         |       |          |          |       |
| OVER ALL CREDIT TOTAL = 90 |                   |                                    |               |                                                        |         |       |          |          |       |

### COURSE STRUCTURE OF 2016-19 Batch

**TOTAL CREDITS- 24 / TOTAL HOURS PER WEEK - 30**

| Semester                                              | Part | Course                | Subject Name                               | Subject Code | Hours | Credits | CIA | ESE | Total |
|-------------------------------------------------------|------|-----------------------|--------------------------------------------|--------------|-------|---------|-----|-----|-------|
| IV                                                    | III  | Core Paper- IX        | International Economics                    | 16UBBAC09    | 5     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- X         | Management Information System              | 16UBBAC10    | 5     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XI        | Financial Services                         | 16UBBAC11    | 5     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XII       | Advertising Management and Sales Promotion | 16UBBAC12    | 5     | 4       | 50  | 50  | 100   |
|                                                       | III  | Allied- IV            | Business Statistics & O.R – II             | 16UMATA24    | 6     | 5       | 50  | 50  | 100   |
|                                                       | IV   | Soft Skills -IV       | Computing Skills                           | 16UGSLS04    | 2     | 3       | -   | 100 | 100   |
|                                                       | IV   | Environmental Studies |                                            | 16UEVS401    | 2     | 2       | -   | 100 | 100   |
| TOTAL CREDITS- 26 / TOTAL HOURS PER WEEK - 30         |      |                       |                                            |              |       |         |     |     |       |
|                                                       | III  | Core Paper- XIII      | Business Environment                       | 16UBBAC13    | 6     | 4       | 50  | 50  | 100   |
| V                                                     | III  | Core Paper- XIV       | Organizational Behaviour                   | 16UBBAC14    | 5     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XV        | Business Research                          | 16UBBAC15    | 6     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XVI       | Business Taxation                          | 16UBBAC16    | 6     | 4       | 50  | 50  | 100   |
|                                                       | III  | Elective – I :        | Event Management                           | 16UBBAE01    | 6     | 5       | 50  | 50  | 100   |
|                                                       | IV   | Value Education       |                                            | 16UVED401    | 1     | 2       | -   | 100 | 100   |
| TOTAL CREDITS- 23 / TOTAL HOURS PER WEEK - 30         |      |                       |                                            |              |       |         |     |     |       |
| VI                                                    | III  | Core Paper- XVII      | Operations Management                      | 16UBBAC17    | 6     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XVIII     | Human Resources Management                 | 16UBBAC18    | 6     | 4       | 50  | 50  | 100   |
|                                                       | III  | Core Paper- XIX       | Services Marketing                         | 16UBBAC19    | 6     | 4       | 50  | 50  | 100   |
|                                                       | III  | Elective - II         | Customer Relationship Mgt.                 | 16UBBAE02    | 6     | 5       | 50  | 50  | 100   |
|                                                       | III  | Elective - III        | Project Work (Group)                       | 16UBBAE03    | 6     | 5       | 20  | 80  | 100   |
|                                                       | V    | Extension Activities  | Community Services                         |              | -     | 1       |     |     |       |
| TOTAL CREDITS- 23 / TOTAL HOURS PER WEEK - 30         |      |                       |                                            |              |       |         |     |     |       |
| GRAND TOTAL CREDITS- 144 / TOTAL HOURS PER WEEK – 180 |      |                       |                                            |              |       |         |     |     |       |

## B.Com (Bank Management)

### COURSE STRUCTURE OF 2016-19 Batch

| Semester | Part | Course               | Subject Name                                           | Subject Code                                        | Hours | Credits | Marks |     | Total |
|----------|------|----------------------|--------------------------------------------------------|-----------------------------------------------------|-------|---------|-------|-----|-------|
|          |      |                      |                                                        |                                                     |       |         | CIA   | ESE |       |
| I        | I    | Language             | Language-I (Tamil, Sanskrit/Hindi/French)              | 16UTAMF01/<br>16USANF01/<br>16UHINF01/<br>16UFREF01 | 6     | 3       | 50    | 50  | 100   |
|          | II   | English              | English I                                              | 16UENGF21                                           | 6     | 3       | 50    | 50  | 100   |
|          | III  | Core I               | Financial Accounting                                   | 16UCBMC01                                           | 5     | 4       | 50    | 50  | 100   |
|          | III  | Core II              | Principles of Management                               | 16UCBMC02                                           | 5     | 4       | 50    | 50  | 100   |
|          | III  | Allied I             | Business Communication                                 | 16UCBMA01                                           | 6     | 5       | 50    | 50  | 100   |
|          | IV   | NME I                | An overview of ISO                                     | 16UNME01P                                           | 2     | 2       | -     | 100 | 100   |
|          | IV   | Tamil/Advanced Tamil | Basic Tamil-I/ Advanced Tamil                          | 16UBAT401/<br>16UADT401                             |       |         |       |     |       |
|          | IV   | Skill Based Subjects | Soft Skill I: Listening and speaking skills            | 16UGSLS01                                           | -     | 3       | -     | 100 | 100   |
| Total    |      |                      |                                                        |                                                     | 30    | 24      | 250   | 450 | 700   |
| I<br>I   | I    | Language             | Language-II (Tamil-II, Sanskrit-II/Hindi-II/French-II) | 16UTAMF02/<br>16USANF02/<br>16UHINF02/<br>16UFREF02 | 6     | 3       | 50    | 50  | 100   |
|          | II   | English              | English II                                             | 16UENGF22                                           | 6     | 3       | 50    | 50  | 100   |
|          | III  | Core III             | Business and Corporate laws                            | 16UCBMC03                                           | 5     | 4       | 50    | 50  | 100   |
|          | III  | Core IV              | Theory of Money and Banking                            | 16UCBMC04                                           | 5     | 4       | 50    | 50  | 100   |
|          | III  | Allied II            | Business Economics                                     | 16UCBMA02                                           | 6     | 5       | 50    | 50  | 100   |
|          | IV   | NME II               | Basics of Business Insurance                           | 16UNME02P                                           | 2     | 2       | -     | 100 | 100   |
|          | IV   | Tamil/Advanced Tamil | Basic Tamil-II/ Advanced Tamil                         | 16UBAT402/<br>16UADT402                             |       |         |       |     |       |
|          | IV   | Skill Based Subjects | Soft Skill II: Reading and writing skills              | 16UGSLS02                                           | -     | 3       | -     | 100 | 100   |
| Total    |      |                      |                                                        |                                                     | 30    | 24      | 250   | 450 | 700   |
| III      | I    | Core V               | Marketing Management                                   | 16UCBMC05                                           | 5     | 4       | 50    | 50  | 100   |
|          | II   | Core VI              | Corporate Accounting                                   | 16UCBMC06                                           | 6     | 4       | 50    | 50  | 100   |
|          | III  | Core VII             | Banking theory Law and practice                        | 16UCBMC07                                           | 6     | 4       | 50    | 50  | 100   |
|          | III  | Core VIII            | Entrepreneurial Development                            | 16UCBMC08                                           | 5     | 4       | 50    | 50  | 100   |

|                    |     |                      |                                                 |           |            |            |             |             |             |
|--------------------|-----|----------------------|-------------------------------------------------|-----------|------------|------------|-------------|-------------|-------------|
|                    | III | Allied III           | Business statistics and Operations Research - I | 16UMATA18 | 6          | 5          | 50          | 50          | 100         |
|                    | IV  | Skill Based Subjects | Personality Enrichment                          | 16UGSLS03 | 2          | 3          | -           | 100         | 100         |
| <b>Total</b>       |     |                      |                                                 |           | <b>30</b>  | <b>24</b>  | <b>250</b>  | <b>350</b>  | <b>600</b>  |
| IV                 | I   | Core IX              | International Economics                         | 16UCBMC09 | 5          | 4          | 50          | 50          | 100         |
|                    | II  | Core X               | Financial Services                              | 16UCBMC10 | 5          | 4          | 50          | 50          | 100         |
|                    | III | Core XI              | Advanced Corporate Accounting                   | 16UCBMC11 | 5          | 4          | 50          | 50          | 100         |
|                    | III | Core XII             | Human Resource Management                       | 16UCBMC12 | 5          | 4          | 50          | 50          | 100         |
|                    | III | Allied IV            | Business Statistics and Operations Research - I | 16UMATA24 | 6          | 5          | 50          | 50          | 100         |
|                    | IV  | Skill Based Subjects | Computing skills                                | 16UGSLS04 | 2          | 3          | -           | 100         | 100         |
|                    | IV  | EVS                  | Environmental studies                           | 16UEVS401 | 2          | 2          | -           | 100         | 100         |
| <b>Total</b>       |     |                      |                                                 |           | <b>30</b>  | <b>26</b>  | <b>250</b>  | <b>450</b>  | <b>700</b>  |
| V                  | I   | Core XIII            | International Banking                           | 16UCBMC13 | 5          | 4          | 50          | 50          | 100         |
|                    | II  | Core XIV             | Banking Theory Regulatory Mechanism             | 16UCBMC14 | 5          | 4          | 50          | 50          | 100         |
|                    | III | Core XV              | Financial Management                            | 16UCBMC15 | 6          | 4          | 50          | 50          | 100         |
|                    | III | Core XVI             | Practical Auditing                              | 16UCBMC16 | 6          | 4          | 50          | 50          | 100         |
|                    | III | Elective I           | Personal Investment                             | 16UCBME01 | 6          | 5          | 50          | 50          | 100         |
|                    | IV  | Value Education      | Value Education                                 | 16UVED401 | 2          | 2          | -           | 100         | 100         |
| <b>Total</b>       |     |                      |                                                 |           | <b>30</b>  | <b>23</b>  | <b>250</b>  | <b>350</b>  | <b>600</b>  |
| VI                 | I   | Core XVII            | Marketing of Banking                            | 16UCBMC17 | 6          | 4          | 50          | 50          | 100         |
|                    | II  | Core XVIII           | Cost and Management Accounting                  | 16UCBMC18 | 6          | 4          | 50          | 50          | 100         |
|                    | III | Core XIX             | Credit and Risk Management in Banking           | 16UCBMC19 | 6          | 4          | 50          | 50          | 100         |
|                    | III | Elective II          | Customer Relationship Management                | 16UCBME02 | 6          | 5          | 50          | 50          | 100         |
|                    | III | Elective III         | Project                                         | 16UCBME03 | 6          | 5          | -           | 100         | 100         |
|                    | IV  | Extension            | Extension activities                            | EXTU501   | -          | 1          | -           | -           | -           |
| <b>Total</b>       |     |                      |                                                 |           | <b>30</b>  | <b>23</b>  | <b>200</b>  | <b>300</b>  | <b>500</b>  |
| <b>Grand Total</b> |     |                      |                                                 |           | <b>180</b> | <b>144</b> | <b>1450</b> | <b>2350</b> | <b>3800</b> |

**B.Com (Marketing Management)**

**COURSE STRUCTURE OF 2016-19 Batch**

| Semester                                     | Part                                         | Course            | Subject Code | Title                                           | Hours | Credits | Internal | External | Total |
|----------------------------------------------|----------------------------------------------|-------------------|--------------|-------------------------------------------------|-------|---------|----------|----------|-------|
| Semester I                                   | I                                            | Language- I       | 16UTAMF01    | LANGUAGE - I                                    | 6     | 3       | 50       | 50       | 100   |
|                                              | II                                           | English -I        | 16UENGF21    | ENGLISH - I                                     | 4     | 3       | 50       | 50       | 100   |
|                                              | III                                          | Core Paper I      | 16UCMMC01    | FINANCIAL ACCOUNTING                            | 6     | 4       | 50       | 50       | 100   |
|                                              |                                              | Core Paper II     | 16UCMMC02    | PRINCIPLES OF MANAGEMENT                        | 5     | 4       | 50       | 50       | 100   |
|                                              |                                              | Allied Paper      | 16UCMMA01    | BUSINESS COMMUNICATION                          | 5     | 5       | 50       | 50       | 100   |
|                                              | IV                                           | Soft Skill I      | 16UGSLS01    | LISTENING AND SPEAKING SKILL                    | 2     | 3       | 50       | 50       | 100   |
|                                              |                                              | NME               | 16UNME01P    | AN OVERVIEW OF ISO                              | 2     | 3       | 50       | 50       | 100   |
|                                              | Total Credits: 24 / Total Hours per week: 30 |                   |              |                                                 |       |         |          |          |       |
| Semester II                                  | I                                            | Language- II      | 16UTAMF02    | LANGUAGE - II                                   | 6     | 3       | 50       | 50       | 100   |
|                                              | II                                           | English -II       | 16UENGF22    | ENGLISH - II                                    | 4     | 3       | 50       | 50       | 100   |
|                                              | III                                          | Core Paper III    | 16UCMMC03    | BUSINESS AND CORPORATE LAWS                     | 5     | 4       | 50       | 50       | 100   |
|                                              |                                              | Core Paper IV     | 16UCMMC04    | BANKING                                         | 5     | 4       | 50       | 50       | 100   |
|                                              |                                              | Allied Paper      | 16UMATA17    | BUSINESS STATISTICS AND OPERATIONS RESEARCH - I | 6     | 5       | 50       | 50       | 100   |
|                                              | IV                                           | Soft Skill - II   | 16UGSLS02    | READING AND WRITING SKILLS                      | 2     | 3       | 50       | 50       | 100   |
|                                              |                                              | NME -II           | 16UNME02P    | BASICS OF BUSINESS INSURANCE                    | 2     | 2       | 50       | 50       | 100   |
|                                              | Total Credits: 24 / Total Hours per week: 30 |                   |              |                                                 |       |         |          |          |       |
| Semester III                                 | III                                          | Core Paper V      | 16UCMMC05    | MARKETING MANAGEMENT                            | 5     | 4       | 50       | 50       | 100   |
|                                              |                                              | Core Paper VI     | 16UCMMC06    | CORPORATE ACCOUNTING                            | 6     | 4       | 50       | 50       | 100   |
|                                              |                                              | Core Paper VII    | 16UCMMC07    | E-BUSINESS                                      | 6     | 4       | 50       | 50       | 100   |
|                                              |                                              | Core Paper VIII   | 16UCMMC08    | ENTREPRENEURIAL DEVELOPMENT                     | 5     | 4       | 50       | 50       | 100   |
|                                              |                                              | Allied Paper - IV | 16UMATA21    | BUSINESS STATISTICS AND OPERATION RESEARCH - II | 6     | 5       | 50       | 50       | 100   |
|                                              | IV                                           | Soft Skill - III  | 16UGSLS03    | PERSONALITY ENRICHMENT                          | 2     | 3       | 50       | 50       | 100   |
| Total Credits: 24 / Total Hours per week: 30 |                                              |                   |              |                                                 |       |         |          |          |       |

|             |     |                                                       |           |                                            |   |   |    |    |     |
|-------------|-----|-------------------------------------------------------|-----------|--------------------------------------------|---|---|----|----|-----|
| Semester IV | III | Core Paper IX                                         | 16UCMMC09 | BUSINESS AND INTERNATIONAL ECONOMICS       | 5 | 4 | 50 | 50 | 100 |
|             |     | Core Paper X                                          | 16UCMMC10 | RESEARCH METHODS IN BUSINESS               | 5 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XI                                         | 16UCMMC11 | FINANCIAL SERVICES                         | 5 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XII                                        | 16UCMMC12 | FINANCIAL MANAGEMENT                       | 5 | 4 | 50 | 50 | 100 |
|             |     | Allied                                                | 16UCMMA04 | HUMAN RESOURCE MANAGEMENT                  | 6 | 5 | 50 | 50 | 100 |
|             | IV  | Soft Skill - IV                                       | 16UGSLS04 | COMPUTING SKILLS                           | 2 | 3 | 50 | 50 | 100 |
|             | III | EVS                                                   | 16UEVS401 | EVS                                        | 2 | 2 | -  | -  | 100 |
|             |     | <b>Total Credits: 26 / Total Hours per week: 30</b>   |           |                                            |   |   |    |    |     |
| Semester V  | III | Core Paper XIII                                       | 16UCMMC13 | COST ACCOUNTING                            | 6 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XIV                                        | 16UCMMC14 | RETAIL MARKETING                           | 5 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XV                                         | 16UCMMC15 | INTERNATIONAL MARKETING                    | 6 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XVI                                        | 16UCMMC16 | ADVERTISING MANAGEMENT AND SALES PROMOTION | 6 | 4 | 50 | 50 | 100 |
|             |     | Elective - I                                          | 16UCMME01 | TOURISM MANAGEMENT                         | 6 | 5 | 50 | 50 | 100 |
|             | IV  | Value Education                                       | 16UVED401 | VALUE EDUCATION                            | 1 | 2 | 50 | 50 | 100 |
|             |     |                                                       |           |                                            |   |   |    |    |     |
|             |     | <b>Total Credits: 23 / Total Hours per week: 30</b>   |           |                                            |   |   |    |    |     |
| Semester VI | III | Core Paper XVII                                       | 16UCMMC17 | SALES AND DISTRIBUTION MANAGEMENT          | 6 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XVIII                                      | 16UCMMC18 | MANAGEMENT ACCOUNTING                      | 6 | 4 | 50 | 50 | 100 |
|             |     | Core Paper XIX                                        | 16UCMMC19 | SERVICE MARKETING                          | 6 | 4 | 50 | 50 | 100 |
|             |     | Elective II                                           | 16UCMME02 | SUPPLY CHAIN MANAGEMENT                    | 6 | 5 | 50 | 50 | 100 |
|             |     | Elective III                                          | 16UCMME03 | Project Work                               | 6 | 5 | 50 | 50 | 100 |
|             | IV  | Extension Activities                                  |           | (NSS, NCC, RC, CCC, YRC)                   | ` | 1 | -  | -  | -   |
|             |     | <b>Total Credits: 23 / Total Hours per week: 30</b>   |           |                                            |   |   |    |    |     |
|             |     | <b>Total Credits: 144 / Total Hours per week: 180</b> |           |                                            |   |   |    |    |     |

**Master of Business Administration - MBA**  
**Course Structure 2016-18 Batch**

| Semester                                            | Part | Course                       | Title                                            | Subject Code | Hours | Credits | Marks    |          | Total |
|-----------------------------------------------------|------|------------------------------|--------------------------------------------------|--------------|-------|---------|----------|----------|-------|
|                                                     |      |                              |                                                  |              |       |         | Internal | External |       |
| I                                                   | III  | Core Paper- I                | Management principles                            | 16PMBA C01   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- II               | Statistics and Quantitative methods for Business | 16PMBA C02   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- III              | Organizational behavior                          | 16PMBA C03   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- IV               | Management Accounting                            | 16PMBA C04   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- V                | Managerial Economics                             | 16PMBA C05   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | ED I –Extra Disciplinary I   | Innovation and Entrepreneurship                  | 16PMBA E01   | 3     | 3       | 50       | 50       | 100   |
|                                                     | IV   | Soft Skills -I               | Essentials of language and communication skills  | 16PGSL S01   | 2     | 2       | -        | 100      | 100   |
| <b>Total Credits: 25 / Total Hours per week: 30</b> |      |                              |                                                  |              |       |         |          |          |       |
| II                                                  | III  | Core Paper- VI               | Legal systems in business                        | 16PMBA C06   | 5     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- VII              | Applied operations Research                      | 16PMBA C07   | 4     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- VIII             | Human Resources Management                       | 16PMBA C08   | 4     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- IX               | Marketing management                             | 16PMBA C09   | 4     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- X                | Operations Management                            | 16PMBA C10   | 4     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- XI               | Financial Management                             | 16PMBA C11   | 4     | 4       | 50       | 50       | 100   |
|                                                     | III  | ED II –Extra Disciplinary II | Business Research Methods                        | 16PMBA E02   | 3     | 3       | 50       | 50       | 100   |
|                                                     | IV   | Soft Skills –II              | Spoken and Presentation Skills                   | 16PGSL S02   | 2     | 2       | -        | 100      | 100   |
| <b>Total Credits: 29 / Total Hours per week: 30</b> |      |                              |                                                  |              |       |         |          |          |       |
| III                                                 | III  | Core Paper- XII              | Strategic Management                             | 16PMBA C12   | 6     | 4       | 50       | 50       | 100   |
|                                                     | III  | Core Paper- XIII             | Management information system                    | 16PMBA C13   | 6     | 4       | 50       | 50       | 100   |
|                                                     | III  | Elective- I                  | Left to the choice of students                   |              | 4     | 3       | 50       | 50       | 100   |
|                                                     | III  | Elective- II                 |                                                  |              | 4     | 3       | 50       | 50       | 100   |

|                                                     |     |                  |                                   |               |    |    |    |     |     |
|-----------------------------------------------------|-----|------------------|-----------------------------------|---------------|----|----|----|-----|-----|
|                                                     | III | Elective- III    |                                   |               | 4  | 3  | 50 | 50  | 100 |
|                                                     | III | Elective- IV     |                                   |               | 4  | 3  | 50 | 50  | 100 |
|                                                     | IV  | Soft Skills -III | Contemporary Awareness            | 16PGSL<br>S05 | 2  | 2  | -  | 100 | 100 |
|                                                     |     | Internship *     |                                   | 16PINT4<br>01 | -  | 2  | -  | 100 | 100 |
| <b>Total Credits: 24 / Total Hours per week: 30</b> |     |                  |                                   |               |    |    |    |     |     |
| IV                                                  | III | Elective- V      | Left to the choice of<br>students |               | 12 | 3  | 50 | 50  | 100 |
|                                                     | III | Elective- VI     |                                   |               | 12 | 3  | 50 | 50  | 100 |
|                                                     | III | Core Paper-XIV   | Project work and viva voce<br>**  | 16PMBA<br>C14 | -  | 8  |    | 200 | 200 |
|                                                     | IV  | Soft Skills -IV  | Managerial Skills                 | 16PGSL<br>S04 | 6  | 2  | -  | 100 | 100 |
| <b>Total Credits: 16 / Total Hours per week: 30</b> |     |                  |                                   |               |    |    |    |     |     |
|                                                     |     |                  |                                   |               |    | 94 |    |     |     |

#### HR Electives:

|          |     |               |                                            |               |   |   |    |    |     |
|----------|-----|---------------|--------------------------------------------|---------------|---|---|----|----|-----|
| III / IV | III | Elective- I   | Industrial Relations and<br>Labour Welfare | 16PMBA<br>E05 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- II  | Compensation<br>Management                 | 16PMBA<br>EH4 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- III | Strategic Human Resource<br>Management     | 16PMBA<br>E04 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- IV  | Human Resources<br>Development             | 16PMBA<br>EH5 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- V   | Managerial Behavior and<br>Effectiveness   | 16PMBA<br>EH1 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- VI  | Stress Management                          | 16PMBA<br>EH6 | 4 | 3 | 50 | 50 | 100 |

#### Finance Electives:

|          |     |               |                                               |               |   |   |    |    |     |
|----------|-----|---------------|-----------------------------------------------|---------------|---|---|----|----|-----|
| III / IV | III | Elective- I   | Corporate Finance                             | 16PMBA<br>EF2 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- II  | Banking Financial<br>Services Management      | 16PMBA<br>EF4 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- III | Corporate Restructuring                       | 16PMBA<br>EF5 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- IV  | Security Analysis and<br>Portfolio Management | 16PMBA<br>EF1 | 4 | 3 | 50 | 50 | 100 |

|  |     |              |                                         |            |   |   |    |    |     |
|--|-----|--------------|-----------------------------------------|------------|---|---|----|----|-----|
|  | III | Elective- V  | Merchant Banking and Financial Services | 16PMBA EF3 | 4 | 3 | 50 | 50 | 100 |
|  | III | Elective- VI | Tax Management                          | 16PMBA EF6 | 4 | 3 | 50 | 50 | 100 |

### Marketing Electives:

|          |     |               |                                            |            |   |   |    |    |     |
|----------|-----|---------------|--------------------------------------------|------------|---|---|----|----|-----|
| III / IV | III | Elective- I   | Retail Marketing                           | 16PMBA EM2 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- II  | Brand Management                           | 16PMBA EM4 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- III | Services Marketing                         | 16PMBA EM3 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- IV  | Consumer Behaviour                         | 16PMBA EM5 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- V   | Sales and Distribution Management          | 16PMBA EM6 | 4 | 3 | 50 | 50 | 100 |
|          | III | Elective- VI  | Advertising Management and Sales Promotion | 16PMBA EM1 | 4 | 3 | 50 | 50 | 100 |

### \*Internship:

Students have to work in any business organization for a period of 30 days and to submit a written report of their performance in the organization

Students should choose Six Subjects from the list of electives in consultation with the Head of the Institution.

\*\* The Project Work will be evaluated jointly by TWO Examiners (i.e. one for Internal and the other for External) for a Maximum of 150 Marks (6 Credits).

The Viva-voce will be conducted by Two Examiners (i.e. one for Internal and the other for External) for a Maximum of 50 Marks (2 Credits).

## COURSE STRUCTURE 2016-19 Batch

**Grand Total Credits: 140 / Total Hours per week: 180**

**ANNEXURE**

| <b>Course Component</b> | <b>Subject Name</b>                                                   |
|-------------------------|-----------------------------------------------------------------------|
| <b>Elective - I</b>     | 1. Visual Programming<br>2. Unix Programming<br>3. Data Mining        |
| <b>Elective - II</b>    | 1. Multimedia Systems<br>2. E-Commerce<br>3. Client/Server Computing  |
| <b>Elective - III</b>   | 1. Cloud Computing<br>2. Software Testing<br>3. Distributed Computing |

**B.Sc. Computer Science**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                      | Part | Course Component                             | Subject Code                                        | Subject Name                                                     | Credits | Hours | Internal | External | Total |
|-----------------------------------------------|------|----------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                  | I    | Language                                     | 16UTAMF01/<br>16USANF01/<br>16UHINF01/<br>16UFREF01 | Language – I                                                     | 3       | 6     | 50       | 50       | 100   |
|                                               | II   | English                                      | 16UENGF41                                           | English – I                                                      | 3       | 4     | 50       | 50       | 100   |
|                                               | III  | Core Paper-I                                 | 16UCSCC01                                           | Programming in C                                                 | 4       | 6     | 50       | 50       | 100   |
|                                               | III  | Core Paper-II                                | 16UCSCC02P                                          | Programming in C Practical                                       | 4       | 4     | 50       | 50       | 100   |
|                                               | III  | Allied-I                                     | 16UMATA11                                           | Mathematics I                                                    | 5       | 6     | 50       | 50       | 100   |
|                                               | IV   | Non Major Elective-I / Basic/ Advance Tamil  | 16UADT401/<br>16UBAT401/<br>16UNME01L               | Advanced Tamil - I / Basic Tamil –I / Office Package – Practical | 2       | 2     | 50       | 50       | 100   |
|                                               | IV   | Soft Skills-I                                | 16UGSLS01                                           | Listening and Speaking Skills                                    | 3       | 2     | -        | 100      | 100   |
| Total Credits: 24 / TOTAL HOURS: per week: 30 |      |                                              |                                                     |                                                                  |         |       |          |          |       |
| Semester - II                                 | I    | Language                                     | 16UTAMF02/<br>16USANF02/<br>16UHINF02/<br>16UFREF02 | Language - II                                                    | 3       | 6     | 50       | 50       | 100   |
|                                               | II   | English                                      | 16UENGF42                                           | English - II                                                     | 3       | 4     | 50       | 50       | 100   |
|                                               | III  | Core Paper-III                               | 16UCSCC03                                           | Digital Logic Fundamentals & Microprocessor                      | 4       | 6     | 50       | 50       | 100   |
|                                               | III  | Core Paper-IV                                | 16UCSCC04P                                          | Microprocessor Practical                                         | 4       | 4     | 50       | 50       | 100   |
|                                               | III  | Allied-II                                    | 16UMATA15                                           | Mathematics II                                                   | 5       | 6     | 50       | 50       | 100   |
|                                               | IV   | Non Major Elective-II / Basic/ Advance Tamil | 16UADT402/<br>16UBAT402 /<br>16UNME02LP             | Advanced Tamil - II / Basic Tamil –II / HTML Lab – Practical     | 2       | 2     | 50       | 50       | 100   |
|                                               | IV   | Soft Skills-II                               | 16UGSLS02                                           | Reading and Writing Skills                                       | 3       | 2     |          | 100      | 100   |
| Total Credits: 24 / TOTAL HOURS: per week: 30 |      |                                              |                                                     |                                                                  |         |       |          |          |       |

**B.Sc. Computer Science**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                      | Part | Course Component | Subject Code                                        | Subject Name                                            | Credits | Hours | Internal | External | Total |
|-----------------------------------------------|------|------------------|-----------------------------------------------------|---------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - III                                | I    | Language         | 16UTAMF03/<br>16USANF03/<br>16UHINF03/<br>16UFREF03 | Language - III                                          | 3       | 6     | 50       | 50       | 100   |
|                                               | II   | English          | 16UENGF43                                           | English - III                                           | 3       | 4     | 50       | 50       | 100   |
|                                               | III  | Core Paper-V     | 16UCSCC05                                           | Programming in C++ & Data Structures                    | 4       | 6     | 50       | 50       | 100   |
|                                               | III  | Core Paper-VI    | 16UCSCC06P                                          | C++ Practical                                           | 4       | 4     | 50       | 50       | 100   |
|                                               | III  | Allied-III       | 16UMATA19                                           | Operations Research                                     | 5       | 8     | 50       | 50       | 100   |
|                                               | IV   | Soft Skills-III  | 16UGSLS03                                           | Personality Enrichment                                  | 3       | 2     |          | 100      | 100   |
| Total Credits: 22 / TOTAL HOURS: per week: 30 |      |                  |                                                     |                                                         |         |       |          |          |       |
| Semester - IV                                 | I    | Language         | 16UTAMF04/<br>16USANF04/<br>16UHINF04/<br>16UFREF04 | Language - IV                                           | 3       | 6     | 50       | 50       | 100   |
|                                               | II   | English          | 16UENGF44                                           | English - IV                                            | 3       | 4     | 50       | 50       | 100   |
|                                               | III  | Core Paper-VII   | 16UCSCC07                                           | Programming in Java                                     | 4       | 6     | 50       | 50       | 100   |
|                                               | III  | Core Paper-VIII  | 16UCSCC08P                                          | Programming in Java- Practical                          | 4       | 4     | 50       | 50       | 100   |
|                                               | III  | Allied-IV        | 16UMATA25                                           | Statistical Methods and their Applications              | 5       | 4     | 50       | 50       | 100   |
|                                               | III  | Allied-IV        | 16UMATA26P                                          | Statistical Methods and their Applications - Practicals | -       | 2     | 50       | 50       | 100   |
|                                               | IV   | Soft Skills-IV   | 16UGSLS05                                           | Quantitative Aptitude                                   | 3       | 2     | -        | 100      | 100   |
|                                               | IV   | EVS              | 16UEVS401                                           | Environmental Studies                                   | 2       | 2     | *        | 100      | 100   |
| Total Credits: 24 / TOTAL HOURS: per week: 30 |      |                  |                                                     |                                                         |         |       |          |          |       |

**B.Sc. Computer Science**  
**COURSE STRUCTURE 2016-19 Batch**

| Semester                                             | Part | Course Component                           | Subject Code                          | Subject Name                                              | Credits | Hours | Internal | External | Total |
|------------------------------------------------------|------|--------------------------------------------|---------------------------------------|-----------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - V                                         | III  | Core Paper-IX                              | 16UCSCC09                             | Operating systems                                         | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Core Paper-X                               | 16UCSCC10                             | Database Management Systems                               | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Core Paper-XI                              | 16UCSCC11                             | Visual Programming                                        | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Core Paper-XII                             | 16UCSCC12                             | Visual Programming – Practical                            | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Elective-I<br>(Interdisciplinary Elective) | 16UCSCE01P                            | RDBMS USING MYSQL                                         | 5       | 5     | 50       | 50       | 100   |
|                                                      | IV   | Value Education                            | 16UVED401                             | Value Education                                           | 2       | 1     | -        | 100      | 100   |
| Total Credits: 23 / Total Hours per week: 30         |      |                                            |                                       |                                                           |         |       |          |          |       |
| Semester - VI                                        | III  | Core Paper-XIII                            | 16UCSCC13                             | Data Communication & Networking                           | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Core Paper-XIV                             | 16UCSCC14                             | Web Technology                                            | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Core Paper-XV                              | 16UCSCC15P                            | Web Technology – Practical                                | 4       | 6     | 50       | 50       | 100   |
|                                                      | III  | Elective-II                                | 16UCSCE02/<br>16UCSCE03/<br>16UCSCE04 | Software Engineering/ Computer Graphics/ Software Testing | 5       | 6     | 50       | 50       | 100   |
|                                                      | III  | Elective-III                               | 16UCSCE03                             | Mini Project                                              | 5       | 6     | 50       | 50       | 100   |
|                                                      | V    | Extension Activity                         | 16UEXT501                             | Participation in NSS/NCC/ROTRACT etc.                     | 1       | -     | -        | -        | -     |
| Total Credits: 23 / Total Hours per week: 30         |      |                                            |                                       |                                                           |         |       |          |          |       |
| Grand Total Credits: 140 / Total Hours per week: 180 |      |                                            |                                       |                                                           |         |       |          |          |       |

## COURSE STRUCTURE 2016-19 Batch

| Semester                                     | Part | Course Component      | Subject Code | Subject Name                                                                      | Credits | Hours | Internal | External | Total |
|----------------------------------------------|------|-----------------------|--------------|-----------------------------------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                 | I    | Language              | 16UTAMF01    | Tamil - I                                                                         | 3       | 6     | 50       | 50       | 100   |
|                                              | II   | English               | 16UENG21     | English - I                                                                       | 3       | 6     | 50       | 50       | 100   |
|                                              | III  | Core Paper-I          | 16UISMC01    | Financial Accounting (Common to B.Com (BM), B.Com (MM) & B.B.A.)                  | 4       | 6     | 50       | 50       | 100   |
|                                              | III  | Core Paper-II         | 16UISMC02    | Principles of Management (Common to B.Com (A&F), B.Com (BM), B.Com (MM) & B.B.A.) | 4       | 5     | 50       | 50       | 100   |
|                                              | III  | Allied-I              | 16UISMA01P   | Basic Computer Skills for Managers (Practicals)                                   | 5       | 5     | 50       | 50       | 100   |
|                                              | IV   | Non Major Elective-I  | 16UNME01P    | Overview of ISO                                                                   | 2       | 2     |          | 100      | 100   |
|                                              | IV   | Soft Skills-I         | 16UGSLS01    | Listening & Speaking Skills                                                       | 3       | -     |          | 100      | 100   |
| Total Credits: 24 / Total Hours per week: 30 |      |                       |              |                                                                                   |         |       |          |          |       |
| Semester - II                                | I    | Language              | 16UTAMF02    | Tamil - II                                                                        | 3       | 6     | 50       | 50       | 100   |
|                                              | II   | English               | 16UENG22     | English - II                                                                      | 3       | 6     | 50       | 50       | 100   |
|                                              | III  | Core Paper-III        | 16UISMC03    | Business Communication                                                            | 4       | 5     | 50       | 50       | 100   |
|                                              | III  | Core Paper-IV         | 16UISMC04    | Management Accounting (Common to B.B.A., B.Com (ISM) & B.Com (MM))                | 4       | 5     | 50       | 50       | 100   |
|                                              | III  | Allied-II             | 16UISMA02    | Data Structures                                                                   | 5       | 6     | 50       | 50       | 100   |
|                                              | IV   | Non Major Elective-II | 16UNME02P    | Basics of Business Insurance                                                      | 2       | 2     | -        | 100      | 100   |
|                                              | IV   | Soft Skills-II        | 16UGSLS02    | Reading & Writing Skills                                                          | 3       | -     | -        | 100      | 100   |
| Total Credits: 24 / Total Hours per week: 30 |      |                       |              |                                                                                   |         |       |          |          |       |

|                                                     |     |                 |            |                                                                                  |   |   |    |     |     |
|-----------------------------------------------------|-----|-----------------|------------|----------------------------------------------------------------------------------|---|---|----|-----|-----|
| Semester - III                                      | III | Core Paper-V    | 16UISMC05  | Marketing Management<br>(Common to B.Com(ISM),<br>B.Com (BM) & B.Com (MM))       | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Core Paper-VI   | 16UISMC08  | Cost Accounting<br>(Common to B.Com(BM) &<br>B.Com (MM))                         | 4 | 6 | 50 | 50  | 100 |
|                                                     | III | Core Paper-VII  | 16UISMC06  | Programming in C (Theory)                                                        | 4 | 6 | 50 | 50  | 100 |
|                                                     | III | Core Paper-VIII | 16UISMC07P | Programming in C (Practical)                                                     | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Allied-III      | 16UMATA18  | Business Statistics and OR - I<br>(Common to B.B.A, B.Com (BM)<br>& B.Com (MM))  | 5 | 6 | 50 | 50  | 100 |
|                                                     | IV  | Soft Skills-III | 16UGSLS03  | Personality Enrichment                                                           | 3 | 2 | -  | 100 | 100 |
| <b>Total Credits: 24 / Total Hours per week: 30</b> |     |                 |            |                                                                                  |   |   |    |     |     |
| Semester - IV                                       | III | Core Paper-IX   | 16UISMC11  | Fundamentals of Database<br>Concepts                                             | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Core Paper-X    | 16UISMC09  | OOPS with C++ (Theory)                                                           | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Core Paper-XI   | 16UISMC10P | OOPS with C++ (Practical)                                                        | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Core Paper-XII  | 16UISMC12  | Research Methods in Business<br>(Common to B.Com (MM))                           | 4 | 5 | 50 | 50  | 100 |
|                                                     | III | Allied-IV       | 16UMATA24  | Business Statistics and OR - II<br>(Common to B.B.A, B.Com (BM)<br>& B.Com (MM)) | 5 | 6 | 50 | 50  | 100 |
|                                                     | IV  |                 | 16UEVS401  | Environmental Studies                                                            | 2 | 2 |    | 100 | 100 |
|                                                     | IV  | Soft Skills-IV  | 16UGSLS05  | Quantitative Aptitude                                                            | 3 | 2 |    | 100 | 100 |
| <b>Total Credits: 26 / Total Hours per week: 30</b> |     |                 |            |                                                                                  |   |   |    |     |     |

|                                                             |     |                                         |            |                                                                                    |   |   |    |     |     |
|-------------------------------------------------------------|-----|-----------------------------------------|------------|------------------------------------------------------------------------------------|---|---|----|-----|-----|
| Semester - V                                                | III | Core Paper-XIII                         | 16UISMC13  | Management Information System (Common to B.B.A.)                                   | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Core Paper-XIV                          | 16UISMC14  | Financial Management (Common to B.Com (MM) & B.B.A)                                | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Core Paper-XV                           | 16UISMC15  | Web Technology (Theory)                                                            | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Core Paper-XVI                          | 16UISMC16P | Web Technology (Practical)                                                         | 4 | 5 | 50 | 50  | 100 |
|                                                             | III | Elective-I (Interdisciplinary Elective) |            | Essentials Office Automation Tools and Email Etiquette (Practical)                 | 5 | 6 | 50 | 50  | 100 |
|                                                             | IV  |                                         | 16UVED401  | Value Education                                                                    | 2 | 1 |    | 100 | 100 |
| <b>Total Credits: 23 / Total Hours per week: 30</b>         |     |                                         |            |                                                                                    |   |   |    |     |     |
| Semester - VI                                               | III | Core Paper-XVII                         | 16UISMC17  | E- Business (Common to B.B.A, B.Com (MM))                                          | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Core Paper-XVIII                        | 16UISMC18  | Entrepreneurial Development (Common to B.Com (BM), B.Com(MM), B.B.A, B.Com(A&F))   | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Core Paper-XIX                          | 16UISMC19  | Human Resource Management (Common to B.B.A., B.Com (BM), B.Com (MM) & B.Com (A&F)) | 4 | 6 | 50 | 50  | 100 |
|                                                             | III | Elective-II                             | 16UISME02  | (A) Software Project Management<br>(B) Introduction To Cloud Computing             | 5 | 6 | 50 | 50  | 100 |
|                                                             | III | Elective-III                            | 16UISME03  | Project Work                                                                       | 5 | 6 |    | 100 | 100 |
|                                                             | V   |                                         |            | Community Service                                                                  | 1 | - |    | 100 | 100 |
| <b>Total Credits: 23 / Total Hours per week: 30</b>         |     |                                         |            |                                                                                    |   |   |    |     |     |
| <b>Grand Total Credits: 144 / Total Hours per week: 180</b> |     |                                         |            |                                                                                    |   |   |    |     |     |

# Master of Computer Applications - MCA

## COURSE STRUCTURE 2016-19 Batch

| Semester                                            | Part | Course Component   | Subject Code | Subject Name                                             | Credits | Hours | Internal | External | Total |
|-----------------------------------------------------|------|--------------------|--------------|----------------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                        | III  | Core Paper-I       | 16PMCAC01    | Problem Solving and Programming in C                     | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-II      | 16PMCAC02    | Digital Computer Fundamentals                            | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-III     | 16PMCAC03    | Open Source Technologies                                 | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-IV      | 16PMCAC04P   | Practical - I : Programming in C                         | 2       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-V       | 16PMCAC05P   | Practical - II : Open Source Technology Lab              | 2       | 4     | 50       | 50       | 100   |
|                                                     | III  | Non-Major Elective | 16PMCAE01    | Mathematics and Statistical Methods for Computer Science | 5       | 6     | 50       | 50       | 100   |
|                                                     |      | Soft Skills-I      | 16PGSLS01    | Language and Communication Skill                         | 2       | 1     | 50       | 50       | 100   |
| <b>Total Credits: 23 / Total Hours per week: 30</b> |      |                    |              |                                                          |         |       |          |          |       |
| Semester - II                                       | III  | Core Paper-VI      | 16PMCAC06    | C++ and Data Structures                                  | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-VII     | 16PMCAC07    | Advanced Internet Technologies                           | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-VIII    | 16PMCAC08    | Operating Systems                                        | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-IX      | 16PMCAC09P   | Practical - III : C++ and Data Structures Lab            | 2       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-X       | 16PMCAC10P   | Practical - IV : Advanced Internet Technologies Lab      | 2       | 4     | 50       | 50       | 100   |
|                                                     | III  | Extra-Disciplinary | 16PMCAE02    | Accounting and Financial Management                      | 4       | 6     | 50       | 50       | 100   |
|                                                     | IV   | Soft Skills-II     | 16PGSLS02    | Presentation Skill                                       | 2       | 1     | 50       | 50       | 100   |
| <b>Total Credits: 22 / Total Hours per week: 30</b> |      |                    |              |                                                          |         |       |          |          |       |
| Semester - III                                      | III  | Core Paper-XI      | 16PMCAC11    | Java Programming                                         | 4       | 5     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-XII     | 16PMCAC12    | Computer Communication and Networking                    | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-XIII    | 16PMCAC13    | Web Development using PHP and MySQL                      | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-XIV     | 16PMCAC14    | Software Engineering and Project Management              | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-XV      | 16PMCAC15    | Computer Graphics                                        | 3       | 4     | 50       | 50       | 100   |
|                                                     | III  | Core Paper-XVI     | 16PMCAC16P   | Practical - V : Programming In Java Lab                  | 2       | 4     | 50       | 50       | 100   |

|     |                 |            |                                    |   |   |    |    |     |
|-----|-----------------|------------|------------------------------------|---|---|----|----|-----|
| III | Core Paper-XVII | 16PMCAC17P | Practical - VI : PHP and MySQL Lab | 2 | 4 | 50 | 50 | 100 |
| IV  | Soft Skills-III | 16PGSLS03  | Managerial Skill                   | 2 | 1 | 50 | 50 | 100 |

**Total Credits: 22 / Total Hours per week: 30**

|               |     |                  |            |                                                                               |   |   |    |    |     |
|---------------|-----|------------------|------------|-------------------------------------------------------------------------------|---|---|----|----|-----|
| Semester - IV | III | Core Paper-XVIII | 16PMCAC18  | Advanced Java Programming (J2EE)                                              | 4 | 4 | 50 | 50 | 100 |
|               | III | Core Paper-XIX   | 16PMCAC20  | Python Programming                                                            | 4 | 5 | 50 | 50 | 100 |
|               | III | Core Paper-XX    | 16PMCAC22  | Advanced Database Management System                                           | 4 | 4 | 50 | 50 | 100 |
|               | III | Core Paper-XXI   | 16PMCAC23  | Software Testing and Quality Assurance                                        | 4 | 4 | 50 | 50 | 100 |
|               | III | Elective -I      | 16PMCAE03  | Cloud Computing / Mobile Computing /Parallel Computing /Distributed Computing | 3 | 4 | 50 | 50 | 100 |
|               | III | Core Paper-XXII  | 16PMCAC19P | Practical - VII : J2EE Lab                                                    | 2 | 4 | 50 | 50 | 100 |
|               | III | Core Paper-XXIII | 16PMCAC21P | Practical - VIII : Python Programming Lab                                     | 2 | 4 | 50 | 50 | 100 |
|               | IV  | Soft Skills-IV   | 16PGSLS04  | Quantitative Aptitude                                                         | 2 | 1 | 50 | 50 | 100 |

**Total Credits: 25 / Total Hours per week: 30**

|              |     |                 |            |                                                                                                                             |   |   |    |    |     |
|--------------|-----|-----------------|------------|-----------------------------------------------------------------------------------------------------------------------------|---|---|----|----|-----|
| Semester - V | III | Core Paper-XXIV | 16PMCAC24  | .NET Technologies                                                                                                           | 4 | 5 | 50 | 50 | 100 |
|              | III | Elective -II    | 16PMCAE04  | Data Mining and Warehousing / <b>Big Data Analytics</b> /Wireless Communication /Latest Technology - I                      | 4 | 5 | 50 | 50 | 100 |
|              | III | Elective -III   | 16PMCAE05  | MATLAB Programming / <b>Object Oriented Analysis and Design</b> / Design and Analysis of Algorithm / Latest Technology - II | 3 | 5 | 50 | 50 | 100 |
|              | III | Elective -IV    | 16PMCAE06  | <b>Information Security</b> /Enterprise Resource Planning /e-Commerce /Human Resource Management                            | 3 | 5 | 50 | 50 | 100 |
|              | III | Core Paper-XXV  | 16PMCAC25P | Practical - IX : .NET Lab                                                                                                   | 2 | 4 | 50 | 50 | 100 |
|              | III | Core Paper-XXVI | 16PMCAC26P | Practical - X : Mini Project                                                                                                | 2 | 5 | 50 | 50 | 100 |
|              | IV  | Soft Skills-V   | 16PGSLS05  | Group Discussion                                                                                                            | 2 | 1 | 50 | 50 | 100 |
|              | III | Internship      | 16PINT401  | During Summer Vacation of IV Semester 6 to 8 Weeks                                                                          | 3 | - | 50 | 50 | 100 |

**Total Credits: 23 / Total Hours per week: 30**

|                      |     |                |           |                       |    |    |    |       |     |
|----------------------|-----|----------------|-----------|-----------------------|----|----|----|-------|-----|
| <b>Semester - VI</b> | IV  | Soft Skills-VI | 16PGSLS07 | Content Writing       | 2  | 5  | 50 | 50    | 100 |
|                      | III | Project        | 16PMCAC27 | Project and Viva-Voce | 18 | 25 | 20 | 60+20 | 100 |

**Total Credits: 20 / Total Hours per week: 30**

**Grand Total Credits: 135 / Total Hours per week: 180**

### **ELECTIVES**

| <b>Course</b>         | <b>Subject Code</b> | <b>Title</b>                        |
|-----------------------|---------------------|-------------------------------------|
| <b>Elective - I</b>   | <b>16PMCAE03</b>    | Cloud Computing                     |
|                       | <b>16PMCAE16</b>    | Mobile Computing                    |
|                       | <b>16PMCAE17</b>    | Parallel Computing                  |
|                       | <b>16PMCAE18</b>    | Distributed Computing               |
| <b>Elective - II</b>  | <b>16PMCAE07</b>    | Data mining and Warehousing         |
|                       | <b>16PMCAE04</b>    | Big data Analytics                  |
|                       | <b>16PMCAE08</b>    | Wireless Communication              |
|                       | <b>16PMCAE09</b>    | Latest technology-I                 |
| <b>Elective - III</b> | <b>16PMCAE10</b>    | Matlab programming                  |
|                       | <b>16PMCAE05</b>    | Object oriented Analysis and Design |
|                       | <b>16PMCAE11</b>    | Design and Analysis of Algorithm    |
|                       | <b>16PMCAE12</b>    | Latest technology-II                |
| <b>Elective - IV</b>  | <b>16PMCAE06</b>    | Information Security                |
|                       | <b>16PMCAE13</b>    | Enterprise Resource Planning        |
|                       | <b>16PMCAE14</b>    | E-Commerce                          |
|                       | <b>16PMCAE15</b>    | Human Resource Management           |

**B.Sc. Biotechnology**  
**Academic Year: 2017-2018 Batch**

| Semester                                    | Part | Course Component           | Subject Code                          | Subject Name                                              | Credit | Hours | CIA | ESE | Total |
|---------------------------------------------|------|----------------------------|---------------------------------------|-----------------------------------------------------------|--------|-------|-----|-----|-------|
| Semester- I                                 | I    | Language                   | 17UTAMF01/<br>16UHINF01               | Tamil-I/Hindi-I/ French- I /<br>Sanskrit-I                | 3      | 6     | 50  | 50  | 100   |
|                                             | II   | English                    | 16UENG41                              | English-I                                                 | 3      | 4     | 50  | 50  | 100   |
|                                             | III  | Core-I                     | 17UBTKC01                             | Cell Biology                                              | 4      | 6     | 50  | 50  | 100   |
|                                             | III  | Core-II                    | 17UBTKC02P                            | Practical I-Cell and Molecular<br>Developmental Biology   | -      | 2     | *   | *   | *     |
|                                             | III  | Core-III                   | 17UBTKA02P                            | Microbiology Practical                                    | -      | 2     | *   | *   | *     |
|                                             | III  | Allied-I                   | 17UBTKA01                             | Microbiology-I                                            | 3      | 6     | 50  | 50  | 100   |
|                                             | IV   | 1. NME/<br>Basic Tamil     | 17UNME01D/<br>16UBAT401               | Laboratory Quality System                                 | 2      | 2     | -   | 100 | 100   |
|                                             | IV   | 2. Skill based<br>subjects | 16UGSLS01                             | Soft skill I                                              | 3      | 2     | -   | 100 | 100   |
| Total Credit: 18 / Total Hours per week: 30 |      |                            |                                       |                                                           |        |       |     |     |       |
| Semester- II                                | I    | Language                   | 17UTAMF02/<br>16UHINF02/              | Tamil-II/Hindi-II/ French-II/<br>Sanskrit-II              | 3      | 6     | 50  | 50  | 100   |
|                                             | II   | English                    | 16UENG42                              | English II                                                | 3      | 4     | 50  | 50  | 100   |
|                                             | III  | Core-IV                    | 17UBTKC03                             | Molecular Developmental<br>Biology                        | 4      | 6     | 50  | 50  | 100   |
|                                             | III  | Core-II                    | 17UBTKC02P                            | Practical I – Cell and Molecular<br>Developmental Biology | 4      | 2     | 50  | 50  | 100   |
|                                             | III  | Core-III                   | 17UBTKA01                             | Practical II : Microbiology                               | 4      | 2     | 50  | 50  | 100   |
|                                             | III  | Allied-II                  | 17UBTKA03                             | Microbiology II                                           | 3      | 6     | 50  | 50  | 100   |
|                                             | IV   | 1. NME/<br>Basic Tamil     | 17UNME02D/<br>16UBTA402/<br>16UADT402 | Laboratory Instrumentation                                | 2      | 2     | --- | 100 | 100   |
|                                             | IV   | 2. Skill based<br>subjects | 16UGSLS02                             | Soft skill II                                             | 3      | 2     | --- | 100 | 100   |
| Total Credit: 26 / Total Hours per week: 30 |      |                            |                                       |                                                           |        |       |     |     |       |
| Semester- III                               | I    | Language                   | 16UTAMF03/<br>16UHINF03/              | Tamil-III/Hindi-III/ French-III/<br>Sanskrit-III          | 3      | 6     | 50  | 50  | 100   |
|                                             | II   | English                    | 16UENG43                              | English III                                               | 3      | 4     | 50  | 50  | 100   |
|                                             | III  | Core-V                     | 17UBTKC04                             | Genetics                                                  | 4      | 6     | 50  | 50  | 100   |
|                                             | III  | Core-VI                    | 17UBTKC05P                            | Practical III – Genetics and<br>Plant Biotechnology       | -      | 2     | *   | *   | *     |
|                                             | III  | Core-VII                   | 17UBTKA05P                            | Practical IV– Biochemistry                                | -      | 2     | *   | *   | *     |
|                                             | III  | Allied-III                 | 17UBTKA04                             | Biochemistry                                              | 4      | 6     | 50  | 50  | 100   |
|                                             | IV   | 1. Skill based<br>subjects | 16UGSLS03                             | Soft skill III                                            | 3      | 2     | --- | 100 | 100   |
|                                             | IV   | 2. EVS                     | 16UVES401                             | Environmental science                                     | ---    | 2     | *   | *   | *     |
| Total Credit: 17 / Total Hours per week: 30 |      |                            |                                       |                                                           |        |       |     |     |       |

| Semester                                            | Part | Course Component        | Subject Code          | Subject Name                                                 | Credit | Hours | CIA | ESE | Total |
|-----------------------------------------------------|------|-------------------------|-----------------------|--------------------------------------------------------------|--------|-------|-----|-----|-------|
| Semester- IV                                        | I    | Language                | 16UTAMF04 /16UHINF04/ | Tamil IV                                                     | 3      | 6     | 50  | 50  | 100   |
|                                                     | II   | English                 | 16UENGF44             | English IV                                                   | 3      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core-VIII               | 17UBTKC06             | Plant Biotechnology                                          | 4      | 6     | 50  | 50  | 100   |
|                                                     | III  | Core-VI                 | 17UBTKC05P            | Practical III – Genetics and Plant Biotechnology             | 4      | 2     | 50  | 50  | 100   |
|                                                     | III  | Core-VII                | 17UBTKA05P            | Practical-IV Biochemistry                                    | 4      | 2     | 50  | 50  | 100   |
|                                                     | III  | Allied-IV               | 17UBTKA06             | Biochemistry II                                              | 3      | 6     | 50  | 50  | 100   |
|                                                     | IV   | 1..Skill based subjects | 16UGSLS04             | Soft skill III                                               | 3      | 2     | -   | 100 | 100   |
|                                                     | IV   | 2. EVS                  | 16UVES401             | Environmental Studies                                        | 2      | 2     | -   | 100 | 100   |
| Total Credit: 26 / Total Hours per week: 30         |      |                         |                       |                                                              |        |       |     |     |       |
| Semester- V                                         | III  | Core -IX                | 17UBTKC07             | Animal and Medical Biotechnology                             | 4      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core- X                 | 17UBTKC08             | Bioinformatics                                               | 4      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core - XI               | 17UBTKC09             | Immunology                                                   | 4      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core XII                | 17UBTKC10             | Biostatistics and Computer Applications for Life Sciences    | 4      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core XIII               | 17UBTKC11P            | Practical III - Animal, Medical Biotechnology and Immunology | -      | 4     | 50  | 50  | 100   |
|                                                     | III  | Core XIV                | 17UBTKC12P            | Practical IV - Genetic engineering and Bioprocess Technology | -      | 4     | *   | *   | *     |
|                                                     | III  | Elective – I            | 17UBTKE01             | Pharmaceutical Biotechnology                                 | 5      | 5     | 50  | 50  | 100   |
|                                                     | IV   | Value Education         | 16UVED401             | Value education                                              | 2      | 1     | *   | 100 | 100   |
| Total Credit: 23 / Total Hours per week: 30         |      |                         |                       |                                                              |        |       |     |     |       |
| Semester- VI                                        | III  | Core XI                 | 17UBTKC13             | Genetic Engineering                                          | 5      | 6     | 50  | 50  | 100   |
|                                                     | III  | Core XII                | 17UBTKC14             | Bioprocess technology                                        | 5      | 5     | 50  | 50  | 100   |
|                                                     | III  | Core XIII               | 17UBTKC15             | Biotechnology and Nanotechnology                             | 5      | 5     | 50  | 50  | 100   |
|                                                     | III  | Core XV                 | 17UBTKC12P            | Practical-IV Genetic Engineering and Bioprocess technology   | 4      | 4     | 50  | 50  | 100   |
|                                                     | III  | Elective II             | 17UBTKE02             | Microbial Biotechnology                                      | 5      | 5     | 50  | 50  | 100   |
|                                                     | III  | Elective III            | 17UBTKE03             | Environmental Biotechnology                                  | 5      | 5     | 50  | 50  | 100   |
|                                                     | IV   | Extension Activities    |                       | Extension Activities                                         |        | 1     | -   | -   | -     |
| Total Credit: 30 / Total Hours per week: 30         |      |                         |                       |                                                              |        |       |     |     |       |
| Grand Total Credit: 140 / Total Hours per week: 180 |      |                         |                       |                                                              |        |       |     |     |       |

**B.Sc. Information Technology  
COURSE STRUCTURE 2018-21 Batch**

| Sem. | Part              | Course Component             | Subject Name                                            | Subject Code | Credits | Hours | Internal | External | Total |
|------|-------------------|------------------------------|---------------------------------------------------------|--------------|---------|-------|----------|----------|-------|
| I    | I                 | Language                     | Language-I                                              | 17UTAMF01    | 3       | 6     | 50       | 50       | 100   |
|      | II                | English                      | English-I                                               | 16UENGF41    | 3       | 4     | 50       | 50       | 100   |
|      | III               | Core Paper-I                 | Programming in C & Linux                                | 18UBITC01    | 4       | 6     | 50       | 50       | 100   |
|      |                   | Core Paper-II                | Practical – Programming in C & Linux Lab                | 18UBITC02P   | 4       | 4     | 50       | 50       | 100   |
|      |                   | Allied – I                   | Allied Mathematics                                      | 18UMATA11    | 5       | 6     | 50       | 50       | 100   |
|      | IV                | NME -Non Major Elective I    | Basic Tamil/Practical Computing Skills                  | 16UNME01K    | 2       | 2     | 50       | 50       | 100   |
|      |                   | Soft skills -I               | Essentials of Language And Communication Skills Level-I | 17UGSLS01    | 3       | 2     | 50       | 50       | 100   |
|      | CREDIT TOTAL = 24 |                              |                                                         |              |         |       |          |          |       |
| II   | I                 | Language                     | Language – II                                           | 17UTAMF02    | 3       | 6     | 50       | 50       | 100   |
|      | II                | English                      | English- II                                             | 16UENGF42    | 3       | 4     | 50       | 50       | 100   |
|      | III               | Core III                     | Programming in Java                                     | 18UBITC03    | 4       | 5     | 50       | 50       | 100   |
|      |                   | Core IV                      | Practical - Programming in Java : Lab                   | 18UBITC04P   | 4       | 5     | 50       | 50       | 100   |
|      |                   | Allied II                    | Operation Research                                      | 18UMATA12    | 5       | 6     | 50       | 50       | 100   |
|      | IV                | 1. NME/ Basic /Advance Tamil | Practical - Html Lab/ Basic/Advance Tamil               | 16UNME02K P  | 2       | 2     | 50       | 50       | 100   |
|      |                   | 2. Soft Skill II             | Essentials of Spoken and Presentation Skills Level-I    | 17UGSLS02    | 3       | 2     | 50       | 50       | 100   |
|      | CREDIT TOTAL = 24 |                              |                                                         |              |         |       |          |          |       |
| III  | III               | Core V                       | Design and Analysis of Algorithm                        | 18UBITC05    | 4       | 5     | 50       | 50       | 100   |
|      |                   | Core VI                      | Data Analysis using Spread Sheet                        | 18UBITC06    | 4       | 6     | 50       | 50       | 100   |
|      |                   | Core VII                     | Practical - Data Analysis using Spread Sheet Lab        | 18UBITC07P   | 4       | 5     | 50       | 50       | 100   |
|      |                   | Core VIII                    | Operating Systems                                       | 18UBITC08    | 4       | 6     | 50       | 50       | 100   |
|      |                   | Allied III                   | Statistics – I                                          | 18UMATA14    | 5       | 6     | 50       | 50       | 100   |
|      | IV                | Soft Skill III               | Personality Enrichment                                  | 16UGSLS03    | 3       | 2     |          | 100      | 100   |
|      | CREDIT TOTAL = 24 |                              |                                                         |              |         |       |          |          |       |

| Sem | Part                       | Course Component   | Subject Name                                                                        | Subject Code | Credits | Hours | Internal | External | Total |
|-----|----------------------------|--------------------|-------------------------------------------------------------------------------------|--------------|---------|-------|----------|----------|-------|
| IV  | III                        | Core IX            | Python Programming                                                                  | 18UBITC09    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core X             | Data Base Management Systems                                                        | 18UBITC10    | 4       | 8     | 50       | 50       | 100   |
|     |                            | Core XI            | Practical -- Python Programming Lab                                                 | 18UBITC11P   | 4       | 6     | 50       | 50       | 100   |
|     |                            | Allied IV          | Statistics – II                                                                     | 18UMATA21    | 5       | 6     | 50       | 50       | 100   |
|     | IV                         | Soft Skill IV      | Word Press Lab                                                                      | 18UGSLS05    | 3       | 2     |          | 100      | 100   |
|     |                            | EVS                | Environmental Studies                                                               | 16UEVS401    | 2       | 2     |          | 100      | 100   |
|     | CREDIT TOTAL = 22          |                    |                                                                                     |              |         |       |          |          |       |
| V   | III                        | Core XII           | Big Data Analytics                                                                  | 18UBITC12    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core XIII          | Data Science using R                                                                | 18UBITC13    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core XIV           | Practical – R Programming Lab                                                       | 18UBITC14P   | 4       | 6     | 50       | 50       | 100   |
|     |                            | Elective – I       | Information Security / Software Project Management /Network Security & Cryptography | 18UBITE01    | 5       | 6     | 50       | 50       | 100   |
|     |                            | Elective – II      | Marketing Analytics/ Decision Management Systems/ E-Commerce                        | 18UBITE02    | 5       | 5     | 50       | 50       | 100   |
|     | IV                         | Value Education    | Value Education                                                                     | 16UVED401    | 2       | 1     |          | 100      | 100   |
|     | CREDIT TOTAL = 24          |                    |                                                                                     |              |         |       |          |          |       |
| VI  | III                        | Core XV            | NoSQLMONGODB                                                                        | 18UBITC15    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core XVI           | Software Engineering                                                                | 18UBITC16    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core XVII          | UI Programming                                                                      | 18UBITC17    | 4       | 6     | 50       | 50       | 100   |
|     |                            | Core XVIII         | Practical –UI Programming Lab                                                       | 18UBITC18P   | 4       | 6     | 50       | 50       | 100   |
|     |                            | Elective - III     | Cloud Computing / Mobile Computing / Parallel Computing                             | 18UBITE03    | 5       | 6     | 50       | 50       | 100   |
|     | V                          | Extension Activity |                                                                                     |              | 1       |       | -        | -        | -     |
|     | CREDIT TOTAL = 22          |                    |                                                                                     |              |         |       |          |          |       |
|     | OVERALL CREDIT TOTAL = 140 |                    |                                                                                     |              |         |       |          |          |       |

## COURSE STRUCTURE 2019-21 Batch

| Semester                                       | Part | Course Component  | Subject Code | Subject Name                                     | Credits | Hours | Internal | External | Total |
|------------------------------------------------|------|-------------------|--------------|--------------------------------------------------|---------|-------|----------|----------|-------|
| Semester - I                                   | I    | Core - I          | 19PDEF301    | Indian Art of Warfare up to 1857                 | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Core - II         | 19PDEF302    | World Military History up to WWII                | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - III        | 19PDEF303    | International Relations                          | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - IV         | 19PDEF304    | India's National Security and Strategic Spectrum | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective - I      | 19PDEF305    | Conflict and Cooperation in South Asia           | 4       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills - I   | 19PGSL401    | Soft Skills                                      | 2       | -     | 50       | 50       | 100   |
| Total Credits -22, Total Hours/ week- 30       |      |                   |              |                                                  |         |       |          |          |       |
| Semester - II                                  | I    | Core - V          | 19PDEF306    | Theoretical Aspects of International Relations   | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Core - VI         | 19PDEF307    | International Law                                | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - VII        | 19PDEF308    | Arms Control and Disarmament                     | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - VIII       | 19PDEF309    | Strategic Thought                                | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective - II     | 19PDEF310    | Geo Politics and Military Geography              | 4       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills - II  | 19PGSL402    | Soft Skills                                      | 2       | -     | 50       | 50       | 100   |
| Total Credits -22, Total Hours/ week-30        |      |                   |              |                                                  |         |       |          |          |       |
| Semester - III                                 | I    | Core - IX         | 19PDEF311    | Area Studies - India and SAARC                   | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Core - X          | 19PDEF312    | Peace and Conflict Studies                       | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - XI         | 19PDEF313    | Defence Economics and Defence Management         | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - XII        | 19PDEF314    | Science, Technology and National Security        | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Elective - III    | 19PDEF315    | Defence Journalism                               | 3       | 6     | 50       | 50       | 100   |
|                                                | IV   | Internship        | 19PINT401    | Visit to Defence Establishments/ NGO's/ Library  | 2       | -     | 50       | 50       | 100   |
|                                                |      | Soft Skills - III | 19PGSL403    | Soft Skills                                      | 2       | -     | 50       | 50       | 100   |
| Total Credits -23, Total Hours/ week-30        |      |                   |              |                                                  |         |       |          |          |       |
| Semester - IV                                  | I    | Core - XIII       | 19PDEF316    | Wars in Contemporary Period                      | 4       | 6     | 50       | 50       | 100   |
|                                                | II   | Core - XIV        | 19PDEF317    | Post Independent Wars of India                   | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - XV         | 19PDEF318    | Introduction to Industrial Security              | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core - XVI        | 19PDEF319    | Specialized Warfare                              | 4       | 6     | 50       | 50       | 100   |
|                                                | III  | Core -XVII        | 19PDEF320    | Research Methodology and Dissertation            | 6       | 6     | 50       | 50       | 100   |
|                                                | IV   | Soft Skills - IV  | 19PGSL404    | Soft Skills                                      | 2       | -     | 50       | 50       | 100   |
| Total Credits -24, Total Hours/ week-30        |      |                   |              |                                                  |         |       |          |          |       |
| Grand Total Credits -91, Total Hours/ week-120 |      |                   |              |                                                  |         |       |          |          |       |

**Note:** A Compulsory internship programme is scheduled for the P.G Students of Defence and Strategic Studies in Third Semester. The students shall commence their internship programme at the end of Second Semester. The report of the internship carried out by the students shall be submitted within 30days after its completion. This internship report would be evaluated by a committee of faculties of the parent department