

# NAZARETH COLLEGE OF ARTS AND SCIENCE

Affiliated to the University of Madras

Accredited by NAAC with 'B' grade

**1.2.1 Percentage of new courses Courses introduced of the total number of courses across all programs offered during the last five year**

| S.No | PARTICULAR                            | YEAR      | PAGE.NO |
|------|---------------------------------------|-----------|---------|
| 1.   | B.SC Degree Course in Mathematics     | 2015-2016 | 1-3     |
| 2.   | B.A Degree Course in English          | 2015-2016 | 4-7     |
| 3.   | Department of Business Administration | 2015-2016 | 8-10    |

**APPENDIX**  
**UNIVERSITY OF MADRAS**  
**B.Sc. Degree Course in Mathematics**  
**(Effective from the academic year 2015-2016)**  
**REGULATIONS**

**6. Revised Scheme of Examinations :**

**I SEMESTER**

| Course Components/Title of the paper             | Credits | MARKS |     |       |
|--|---------|-------|-----|-------|
|  |         | CIA   | EXT | TOTAL |
| <b>Part -I</b> - Language Paper -I               | 3       | 25    | 75  | 100   |
| <b>Part -II</b> - English Paper -I               | 3       | 25    | 75  | 100   |
| <b>Part-III</b>                                  | 4       | 25    | 75  | 100   |
| Core Paper-I: Algebra                            | 4       | 25    | 75  | 100   |
| Core Paper-II: Trigonometry                      | 5       | 25    | 75  | 100   |
| Allied Paper- I                                  | 2       | 25    | 75  | 100   |
| <b>Part-IV</b>                                   | 3       | 50    | 50  | 100   |
| Basic Tamil/Adv. Tamil/<br>Non Major Elective -I |         |       |     |       |
| Soft Skills -I                                   |         |       |     |       |

**II SEMESTER**

| Course Components/Title of the paper              | Credits | MARKS |     |       |
|---|---------|-------|-----|-------|
|   |         | CIA   | EXT | TOTAL |
| <b>Part -I</b> - Language Paper -II               | 3       | 25    | 75  | 100   |
| <b>Part -II</b> - English Paper -II               | 3       | 25    | 75  | 100   |
| <b>Part-III</b>                                   | 4       | 25    | 75  | 100   |
| Core Paper -III: Differential Calculus            | 4       | 25    | 75  | 100   |
| Core Paper - IV: Analytical Geometry              | 5       | 25    | 75  | 100   |
| Allied paper- II                                  | 2       | 25    | 75  | 100   |
| <b>Part-IV</b>                                    | 3       | 50    | 50  | 100   |
| Basic Tamil/Adv. Tamil/<br>Non Major Elective -II |         |       |     |       |
| Part-IV<br>Soft Skills -II                        |         |       |     |       |

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### III SEMESTER

| Course Components/Title of the paper               | Credits | MARKS          |     |
|--|---------|----------------|-----|
|  |         | CIA            | EXT |
| <b>Part -I</b> – Language Paper -III               | 3       | 25             | 75  |
| <b>Part -II</b> – English Paper -III               | 3       | 25             | 75  |
| <b>Part-III</b><br>Core paper-V: Integral Calculus | 4       | 25             | 75  |
| Core Paper – VI: Differential Equations            | 4       | 25             | 75  |
| Allied Paper- III                                  | 5       | 25             | 75  |
| <b>Part-IV</b><br>Environmental Studies            | 2       | Exam in IV Sem |     |
| Soft Skills –III                                   | 3       | 50             | 50  |

### SEMESTER – IV

| Course Components/Title of the paper                    | Credits | MARKS |     |
|---|---------|-------|-----|
|   |         | CIA   | EXT |
| <b>Part -I</b> - Language Paper -IV                     | 3       | 25    | 75  |
| <b>Part -II</b> - English Paper -IV                     | 3       | 25    | 75  |
| <b>Part-III</b><br>Core paper-VII: Transform Techniques | 4       | 25    | 75  |
| Core Paper VIII : Statics                               | 4       | 25    | 75  |
| Allied paper- IV  | 5       | 25    | 75  |
| <b>Part-IV</b><br>Environmental Studies                 | 2       | 25    | 75  |
| Soft Skills-IV  | 3       | 50    | 50  |

### V SEMESTER

| Course Components/Title of the paper                   | Credits | MARKS |     |
|--|---------|-------|-----|
|  |         | CIA   | EXT |
| <b>Part-III</b><br>Core Paper-IX: Algebraic Structures | 4       | 25    | 75  |
| Core Paper -X: Real Analysis-I                         | 4       | 25    | 75  |
| Core Paper-XI: Dynamics                                | 4       | 25    | 75  |
| Core Paper – XII: Discrete Mathematics                 | 4       | 25    | 75  |
| Elective Paper -I: Choose any one from Group-A         | 5       | 25    | 75  |
| <b>Part-IV</b><br>Value Education                      | 2       |       |     |

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VI SEMESTER

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| Course Components/Title of the paper              | Credits | MARKS |     |       |
|---|---------|-------|-----|-------|
|   |         | CIA   | EXT | TOTAL |
| <b>Part-III</b><br>Core Paper-XII: Linear Algebra | 4       | 25    | 75  | 100   |
| Core Paper -XIV:Real analysis-II                  | 4       | 25    | 75  | 100   |
| Core Paper XV: Complex Analysis                   | 4       | 25    | 75  | 100   |
| Elective Paper II : Choose any one from Group B   | 5       | 25    | 75  | 100   |
| Elective Paper III: Choose any one from Group B   | 5       | 25    | 75  | 100   |
| <b>Part-V</b><br>Extension Activity               | 1       |       |     |       |

LIST OF ELECTIVE SUBJECTS

GROUP A

1. PROGRAMMING LANGUAGE 'C' WITH PRACTICALS
2. MATHEMATICAL MODELING
3. NUMERICAL METHODS

GROUP B

4. ELEMENTARY NUMBER THEORY
5. GRAPH THEORY
6. OPERATIONS RESEARCH
7. SPECIAL FUNCTIONS

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*Ch. Anjali*

**I SEMESTER**

| Course Components       | Subjects   | Inst. hrs | Credits | MAXIMUM MARKS |            |       |
|-------------------------|--|-----------|---------|---------------|------------|-------|
|                         |  |           |         | Int. Marks    | Ext. Marks | Total |
| Part I                  | Language – Paper I   | 4         | 3       | 25            | 75         | 100   |
| Part II                 | English – Paper – I  | 4         | 3       | 25            | 75         | 100   |
| Part III<br>Core Course | Paper-I-British Literature I                               | 5         | 4       | 25            | 75         | 100   |
|                         | Paper – II-Indian Writing in English                       | 5         | 4       | 25            | 75         | 100   |
| Allied                  | Paper –I – Background to the Study of English Literature I | 6         | 5       | 25            | 75         | 100   |
| Part IV                 | * Part - IV – Basic Tamil / Advanced Tamil / NME           | 2         | 2       | 25            | 75         | 100   |
| Part - IV               | Soft Skill - I   | 2         | 2       | 50            | 50         | 100   |
| Part-IV                 | Non-major electives  | 2         | 2       | 25            | 75         | 100   |

**II SEMESTER**

| Course Components       | Subjects   | Inst. Hrs | Credits | MAXIMUM MARKS |            |       |
|-------------------------|--|-----------|---------|---------------|------------|-------|
|                         |  |           |         | Int. Marks    | Ext. Marks | Total |
| Part I                  | Language – Paper II  | 4         | 3       | 25            | 75         | 100   |
| Part II                 | English – Paper II   | 4         | 3       | 25            | 75         | 100   |
| Part III<br>Core Course | Paper-III -British Literature II                                     | 5         | 4       | 25            | 75         | 100   |
|                         | Paper – IV-Regional Indian Literature in Translation                 | 5         | 4       | 25            | 75         | 100   |
| Allied                  | Allied- Paper – II- Background to the study of English Literature II | 6         | 5       | 25            | 75         | 100   |
| Part IV                 | *Basic Tamil / Advanced Tamil / NME                                  | 2         | 2       | 25            | 75         | 100   |
| Part IV                 | Skill Based Subject (soft skill)                                     | 2         | 2       | 50            | 50         | 100   |



|         |                     |   |   |    |    |     |
|---------|---------------------|---|---|----|----|-----|
| Part IV | Non-major electives | 2 | 2 | 25 | 75 | 100 |
|---------|---------------------|---|---|----|----|-----|

**Note:**

|                    |                 |
|--------------------|-----------------|
| Language           | 4+2 hours       |
| English            | 4+2 hours       |
| Core subject I     | 5 hours         |
| Core subject II    | 5 hours         |
| Allied subject     | 6 hours         |
| Non-major elective | 2 hours         |
| <b>Total</b>       | <b>30 hours</b> |

**THIRD SEMESTER**

| Course Components       | Subjects                                       | Inst. hrs | Credits | MAXIMUM MARKS                           |            |       |
|-------------------------|--|-----------|---------|---|------------|-------|
|                         |  |           |         | Int. Marks                              | Ext. Marks | Total |
| Part I                  | Languages -Paper III                           | 6         | 3       | 25                                      | 75         | 100   |
| Part II                 | English - Paper III                            | 4         | 3       | 25                                      | 75         | 100   |
| Part III<br>Core Course | Paper-V- British Literature III                | 6         | 4       | 25                                      | 75         | 100   |
|                         | Paper – VI - Modern English Language and Usage | 6         | 4       | 25                                      | 75         | 100   |
| Allied                  | Paper III – Myth and Literature                | 6         | 5       | 25                                      | 75         | 100   |
| Part IV                 | Soft Skill III                                 | 2         | 3       | 50                                      | 50         | 100   |
|                         | Environmental Studies                          |           |         | Examination will be held in IV semester |            |       |



**FOURTH SEMESTER**

| Course Components       | Subjects   | Inst. Hrs | Credits | MAXIMUM MARKS |            |       |
|-------------------------|--|-----------|---------|---------------|------------|-------|
|                         |  |           |         | Int. Marks    | Ext. Marks | Total |
| Part I                  | Languages -Paper IV  | 6         | 3       | 25            | 75         | 100   |
| Part II                 | English - Paper IV   | 4         | 3       | 25            | 75         | 100   |
| Part III<br>Core Course | Paper-VII – American Literature I                                      | 6         | 4       | 25            | 75         | 100   |
|                         | Paper – VIII–Film and Literature<br>(or)<br>Green Studies              | 6         | 4       | 25            | 75         | 100   |
| Allied                  | Paper IV – Introduction to the<br>Study of Language and<br>Linguistics | 6         | 5       | 25            | 75         | 100   |
| Part IV                 | Soft Skill IV  | 2         | 3       | 50            | 50         | 100   |
|                         | Environmental Studies  |           |         | 25            | 75         | 100   |



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**FIFTH SEMESTER**

| Course Components        | Subjects  | Inst. hrs | Credits | MAXIMUM MARKS |      |       |
|--------------------------|---|-----------|---------|---------------|------|-------|
|                          |   |           |         | Int.          | Ext. | Total |
| Part III<br>Core Courses | Paper - IX – American Literature II   | 6         | 4       | 25            | 75   | 100   |
|                          | Paper - X – Post Colonial Literature in English I, Australian Literature                              | 6         | 4       | 25            | 75   | 100   |
|                          | Paper-XI- Women's Writing   | 6         | 4       | 25            | 75   | 100   |
|                          | Paper – XII – Introduction to Literary Theories   | 6         | 4       | 25            | 75   | 100   |
| Elective Paper           | Elective – I - Introduction to Translation Studies<br>(or)<br>Practical Approach to Technical Writing | 6         | 5       | 25            | 75   | 100   |
| Part IV                  | Value Education   |           | 2       | 25            | 75   | 100   |

**SIXTH SEMESTER**

| Course Components     | Subjects  | Inst. hrs | Credits | MAXIMUM MARKS |      |       |
|-----------------------|---|-----------|---------|---------------|------|-------|
|                       |   |           |         | Ext.          | Int. | Total |
| Part III Core Courses | Paper - XIII – Contemporary Literature  | 6         | 4       | 75            | 25   | 100   |
|                       | Paper - XIV – Post – Colonial Literature in English II<br>Canadian Literature | 6         | 4       | 75            | 25   | 100   |
|                       | Paper- XV – Shakespeare   | 6         | 4       | 75            | 25   | 100   |
| Elective Paper        | Elective Paper II –World Literature in Translation                            | 6         | 5       | 75            | 25   | 100   |
|                       | Elective Paper III–Journalism   | 6         | 5       | 75            | 25   | 100   |
| Part V                | Extension Activities  |           | 1       |               |      |       |

  
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UNIVERSITY OF MADRAS  
NAZARETH COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF BUSINESS ADMINISTRATION (BBA)  
CHOICE BASED QUESTION SYLLABUS

(w.e.f.2015-16- applicable for the batch of candidates admitted to the course for the academic year  
2015-16 and thereafter)

**I SEMESTER**

**SCHEME OF EXAMINATION:**

| Course Components/ Title of the Course          | Credit | Ins. Hours | Maximum Marks |            |       |
|---|--------|------------|---------------|------------|-------|
|   |        |            | Int. Marks    | Ext. Marks | Total |
| Language  | 3      | 6          | 25            | 75         | 100   |
| English (Incl. Skill based subject)             | 3      | 6          | 25            | 75         | 100   |
| Core Subject -I- Financial Accounting           | 4      | 5          | 25            | 75         | 100   |
| Core Subject -II - Principles of Management     | 4      | 5          | 25            | 75         | 100   |
| Allied -I - Managerial Economics                | 5      | 6          | 25            | 75         | 100   |
| <b>PART – IV</b>                                | 2      | 2          | 25            | 75         | 100   |
| *Basic Tamil/Advanced Tamil/ Non Major Elective |        |            |               |            |       |
| Soft Skill I                                    | 2      | -          |               |            |       |

**II SEMESTER**

| Course Components/ Title of the Course          | Credits | Ins. Hours | Maximum Marks |            |       |
|---|---------|------------|---------------|------------|-------|
|   |         |            | Int. Marks    | Ext. Marks | Total |
| Language  | 3       | 6          | 25            | 75         | 100   |
| English (Incl. Skill based subject)             | 3       | 6          | 25            | 75         | 100   |
| Core Subject -III- Business Communication       | 4       | 5          | 25            | 75         | 100   |
| Core Subject-IV- Management Accounting          | 4       | 5          | 25            | 75         | 100   |
| Allied -II- International Trade                 | 5       | 6          | 25            | 75         | 100   |
| <b>PART – IV</b>                                | 2       | 2          | 25            | 75         | 100   |
| *Basic Tamil/Advanced Tamil/ Non Major Elective |         |            |               |            |       |
| Skill based subject (English Dept)              | 2       | -          |               |            |       |

\* Non-Major Elective – Any one of the following (Semester-wise)

**I Semester**

1. Basics of Computer
2. Basics of Retail Marketing
3. An Overview of ISO
4. Basics of Health care Mgt.

**II Semester**

1. Consumer Protection and Consumer Rights
2. Basics of Business Insurance
3. Fundamentals of Disaster Mgt.
4. Concept of Self Help Group

- \* a) Students who have not studied Tamil upto XII std. and taken any language other than Tamil in Part-I shall take Basic Tamil comprising of Two Courses.
- b) Students who have studied Tamil upto XII Std., and taken any language other than Tamil in Part –I shall take Advanced Tamil comprising of Two Courses.
- c) Students who have studied Tamil upto XII Std. and also taken Tamil in Part -I shall taken Non-Major Elective comprising of Two Courses.

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**THIRD SEMESTER**

| Course Components / Title of the Paper           | Credit | Ins. Hrs/ Week | Maximum Marks                                    |            |       |
|--|--------|----------------|--|------------|-------|
|  |        |                | Int. Marks                                       | Ext. Marks | Total |
| Core –V- Financial Mgt.                          | 4      | 5              | 25   | 75         | 100   |
| Core –VI- Organisational Behaviour               | 4      | 5              | 25   | 75         | 100   |
| Core –VII -Computer Application in Business      | 4      | 6              | 25   | 75         | 100   |
| Core –VIII-Marketing Management                  | 4      | 5              | 25   | 75         | 100   |
| Allied –III- Business Mathematics and Statistics | 4      | 6              | 25   | 75         | 100   |
| Soft Skill III                                   | 3      | 2              | 40   | 60         | 100   |
| Environmental Studies                            |        | 1              | <i>(Examination will be held in Semester IV)</i> |            |       |

\*the nomenclature of the paper-Business Statistics be changed as Business Mathematics and Statistics.

**FOURTH SEMESTER**

| COURSE COMPONENTS / Title of the Paper  | Credit | Ins. Hrs/ Week | Maximum Marks |            |       |
|---|--------|----------------|---------------|------------|-------|
|   |        |                | Int. Marks    | Ext. Marks | Total |
| Core –IX- Human Resource Management     | 4      | 5              | 25            | 75         | 100   |
| Core –X-Business Regulatory Frame Work  | 4      | 5              | 25            | 75         | 100   |
| Core –XI-Financial Services             | 4      | 6              | 25            | 75         | 100   |
| Core –XII-Management Information System | 4      | 5              | 25            | 75         | 100   |
| Allied –IV- Operations Research         | 4      | 6              | 25            | 75         | 100   |
| Soft Skill IV                           | 3      | 2              | 40            | 60         | 100   |
| Environmental Studies                   | 2      | 1              | 25            | 75         | 100   |

\*Core paper – Human Resource Management be incorporated in the place of Business Taxation

**FIFTH SEMESTER**

| Course Components / Title Of The Paper                         | Credit | Ins. Hrs/Week | Maximum Marks |            |       |
|--|--------|---------------|---------------|------------|-------|
|  |        |               | Int. Marks    | Ext. Marks | Total |
| *Core Paper –XIII - Advertising Management and Sales Promotion | 4      | 5             | 25            | 75         | 100   |
| • Core Paper –XIV - Research Methodology                       | 4      | 6             | 25            | 75         | 100   |
| ❖ Core Paper –XV - Operation Management                        | 4      | 6             | 25            | 75         | 100   |
| Core –XVI-Material Management                                  | 4      | 6             | 25            | 75         | 100   |
| Elective – I :   |        |               | 25            | 75         | 100   |

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|   |   |   |  |  |  |
|---|---|---|--|--|--|
| (1) Entrepreneurial Development<br>OR<br>(2) Logistics Management | 5 | 6 |  |  |  |
| Value Education   |   | 1 |  |  |  |

- \* New core paper –Advertising and Salesmanship be incorporated in the place of Business Ethics and Values and Business Ethics and Values only Corporate Social Responsibility (CSR) to become part of the Principles of Management
- New core paper – Research Methodology be incorporated in the place of Marketing Research
- ❖ New core paper – Operations Management be incorporated in the place of Production Management
- New Elective paper – Logistics Management be incorporated in the place of Visual Basic Programming

### SIXTH SEMESTER

| Course Components / Title of The Paper      | Credit | Ins. Hrs/ Week | Maximum Marks |            |       |
|---|--------|----------------|---------------|------------|-------|
|   |        |                | Int. Marks    | Ext. Marks | Total |
| Core – XVII-Business Environment            | 4      | 5              | 25            | 75         | 100   |
| Core –XVIII-Services Marketing              | 4      | 6              | 25            | 75         | 100   |
| Core –XIX-Business Taxation                 | 4      | 6              | 25            | 75         | 100   |
| Elective – II :                             |        |                | 25            | 75         | 100   |
| (1) Customer Relationship Management.<br>OR | 5      | 6              | 40            | 60         | 100   |
| (2) E- Business                             |        |                |               |            |       |
| Elective – III : Project Work (Group)       | 5      | 6              | 20            | 80         | 100   |
| Extension Activities                        | 1      |                |               |            |       |

- Core paper. – Business Taxation be incorporated in the place of Human Resource Management
- ❖ New Elective paper – E-Business be incorporated in the place of Visual Basic Practical.

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