

|                          |             | Option-I |            |  |                 |           | Option-II |            |   |
|--------------------------|-------------|----------|------------|--|-----------------|-----------|-----------|------------|---|
| B.Sc Non-Medical 1st Sem |             |          |            |  |                 |           |           |            |   |
| FIRST SEMESTER           |             |          |            |  | FIRST SEMESTER  |           |           |            |   |
|                          | Paper       | ID No.   | Paper Code | Nomenclature                                     |                 | Paper     | ID No.    | Paper Code | Nomenclature  |
| 1                        | Physics     | 52499    | CPL-102    | Physics-Mechanics I                              | 1               | English   | 52498     | CXL-101    | English-I   |
|                          |             | 52500    | CPL-103    | Physics-Electricity and Magnetism-I              |                 |           | 52503     | CCL-104    | Chemistry-Inorganic Chemistry-I(Atomic structure and Bonding)                       |
| 2                        | Mathematics | 52461    | CML-106    | Mathematics-Algebra                              | 2               | Chemistry | 52504     | CCL-105    | Chemistry-Organic Chemistry-I(General Organic Chemistry and Aliphatic Hydrocarbons) |
|                          |             | 52462    | CML-107    | Mathematics-Calculus                             |                 |           | 3         | EVS        | CYL-111   |
| 3                        | EVS         |          | CYL-111    | Environmental Studies                            |                 |           |           |            |   |
| Option-I                 |             |          |            |  | Option-II       |           |           |            |   |
| B.Sc Non-Medical 2nd Sem |             |          |            |  |                 |           |           |            |   |
| Second SEMESTER          |             |          |            |  | Second SEMESTER |           |           |            |   |
| 1                        | English     | 53345    | CXL-201    | English-II(Language Skills Compulsory Course-II) |                 |           | 53346     | CPL-202    | Physics-Mechanics II (Core Course-III)  |

|   |                    |       |         |   |   |                    |       |             |  |
|---|--------------------|-------|---------|---|---|--------------------|-------|-------------|--|
| 2 | Chemistry          | 53350 | CCL-204 | Chemistry-Physical Chemistry-I(Chemical Energetics and Equilibria)  | 1 | Physics            | 53347 | CPL-203     | Physics-Electricity , Magnetism and EMT-II |
|   |                    | 53351 | CCL-205 | Chemistry-Organic Chemistry-II(Functional Group Organic Chemistry ) |   |                    | 2     | Mathematics | 53320                                      |
| 3 | Computer Awareness | 53644 | L-I (i) | Basic Computer Education  | 3 | Computer Awareness |       |             | 53321                                      |
|   |                    |       |         |   |   |                    | 53644 | L-I (i)     | Basic Computer Education                   |

Option-I

Option-II

**B.Sc (Geography) 1st Sem**

**FIRST SEMESTER**

**FIRST SEMESTER**

| Paper    | ID No. | Paper Code | Nomenclature                   | Paper     | ID No. | Paper Code | Nomenclature |
|----------|--------|------------|--------------------------------|-----------|--------|------------|--------------|
| Geograph | 52501  | CGL-102    | Geography-Physical Geography-I | 1 English | 52498  | CXL-101    | English-I    |

|   |             |       |         |                                 |   |              |       |          |   |
|---|-------------|-------|---------|---------------------------------|---|--------------|-------|----------|---|
| 1 | Geography   | 52502 | CGL-103 | Geography-Physical Geography-II | 2 | Computer Sci | 52507 | CCsL-104 | Computer Science-Fundamentals of Computer |
| 2 | Mathematics | 52461 | CML-106 | Mathematics-Algebra             |   |              | 52508 | CCsL-105 | Computer Science-Programming in 'C'       |
|   |             | 52462 | CML-107 | Mathematics-Calculus            | 3 | EVS          |       | CYL-111  | Environmental Studies                     |
| 3 | EVS         |       | CYL-111 | Environmental Studies           |   |              |       |          |   |

**Option-I**

**Option-II**

**B.Sc (Geography) 2nd Sem**

**Second SEMESTER**

**Second SEMESTER**

|   |                  |       |          |  |   |             |       |         |   |
|---|------------------|-------|----------|--|---|-------------|-------|---------|---|
| 1 | English          | 53345 | CXL-201  | English-II(Language Skills Compulsory Course-II) | 1 | Geography   | 53348 | CGL-202 | Geography-Human Geography-I                                       |
|   |                  | 53354 | CCsL-204 | Computer Science-Data Structure using 'C'        |   |             | 53349 | CGL-203 | Geography- Human Geography-II                                     |
| 2 | Computer Science | 53355 | CCsL-205 | Computer Science-Computer Organisation           | 2 | Mathematics | 53320 | CML-206 | Mathematics-Ordinary Differential Equations and Laplace Transform |

|                                   |                    |               |                   |                                     |                        |                    |               |  |  |
|-----------------------------------|--------------------|---------------|-------------------|-------------------------------------|------------------------|--------------------|---------------|--|--|
|                                   | Computer Awareness | 53644         | L-I (i)           | Basic Computer Education            |                        | 53321              | CML-207       | Mathematics-Vector Calculus and Geometry |  |
| 3                                 |                    |               |                   |                                     | 3                      | Computer Awareness | 53644         | L-I (i)                                  | Basic Computer Education                             |
| <b>Option-I</b>                   |                    |               |                   |                                     | <b>Option-II</b>       |                    |               |  |  |
| <b>B.Sc (Electronics) 1st Sem</b> |                    |               |                   |                                     |                        |                    |               |  |  |
| <b>FIRST SEMESTER</b>             |                    |               |                   |                                     | <b>FIRST SEMESTER</b>  |                    |               |  |  |
|                                   | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b> | <b>Nomenclature</b>                 |                        | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b>                        | <b>Nomenclature</b>                                  |
| 1                                 | Physics            | 52499         | CPL-102           | Physics-Mechanics I                 | 1                      | English            | 52498         | CXL-101                                  | English-I  |
|                                   |                    | 52500         | CPL-103           | Physics-Electricity and Magnetism-I | 2                      | Electronics        | 52505         | CEL-104                                  | Electronic s-Network Analysis and Electronic Devices |
| 2                                 | Mathematics        | 52461         | CML-106           | Mathematics-Algebra                 |                        |                    | 3             | EVS                                      | 52506  |
|                                   |                    | 52462         | CML-107           | Mathematics-Calculus                |                        |                    |               |  |  |
| 3                                 | EVS                |               | CYL-111           | Environmental Studies               |                        |                    |               |  |  |
| <b>Option-I</b>                   |                    |               |                   |                                     | <b>Option-II</b>       |                    |               |  |  |
| <b>B.Sc (Electronics) 2nd Sem</b> |                    |               |                   |                                     |                        |                    |               |  |  |
| <b>Second SEMESTER</b>            |                    |               |                   |                                     | <b>Second SEMESTER</b> |                    |               |  |  |

|  |                    |               |                   |  |                       |                    |               |                   |   |
|--|--------------------|---------------|-------------------|--|-----------------------|--------------------|---------------|-------------------|---|
| 1                                      | English            | 53345         | CXL-201           | English-II(Language Skills Compulsory Course-II) | 1                     | Physics            | 53346         | CPL-202           | Physics-Mechanics II (Core Course-III)                                  |
| 2                                      | Electronics        | 53352         | CEL-204           | Electronic-Liner and Digital Integrated circuits | 2                     | Mathematics        | 53347         | CPL-203           | Physics-Electricity / Magnetism and EMT-II                              |
|  |                    | 53353         | CEL-205           | Electronic-Digital Electronics                   |                       |                    | 53320         | CML-206           | Mathematics-Ordinary Differential Equations and Laplace Transformations |
| 3                                      | Computer Awareness | 53644         | L-I (i)           | Basic Computer Education                         |                       |                    | 53321         | CML-207           | Mathematics-Vector Calculus and Geometry                                |
|  |                    |               |                   |  | 3                     | Computer Awareness | 53644         | L-I (i)           | Basic Computer Education  |
| <b>Option-I</b>                        |                    |               |                   |  | <b>Option-II</b>      |                    |               |                   |   |
| <b>B.Sc (Computer Science) 1st Sem</b> |                    |               |                   |  |                       |                    |               |                   |   |
| <b>FIRST SEMESTER</b>                  |                    |               |                   |  | <b>FIRST SEMESTER</b> |                    |               |                   |   |
|  | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b> | <b>Nomenclature</b>                              |                       | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b> | <b>Nomenclature</b>   |
|  |                    | 52499         | CPL-102           | Physics-Mechanics I                              | 1                     | English            | 52498         | CXL-101           | English-I   |

|   |  |       |          |   |   |                        |       |          |   |
|---|--|-------|----------|---|---|------------------------|-------|----------|---|
| 1 | Physics                                | 52500 | CPL-103  | Physics-<br>Electricity<br>and<br>Magnetis<br>m-I                   | 2 | Computer<br>Sci        | 52507 | CCsL-104 | Computer<br>Science-<br>Fundamen<br>tals of<br>Computer     |
| 2 | Mathemat<br>ics                        | 52461 | CML-106  | Mathemat<br>ics-<br>Algebra   |   |                        | 52508 | CCsL-105 | Computer<br>Science-<br>Programm<br>ing in 'C'              |
|   |  | 52462 | CML-107  | Mathemat<br>ics-<br>Calculus  |   |                        |       |          |   |
| 3 | EVS                                    |       | CYL-111  | Environm<br>ental<br>Studies  |   |                        |       |          |   |
|   |  |       |          |   | 3 | EVS                    |       | CYL-111  | Environm<br>ental<br>Studies                                |
|   |  |       |          |   |   |                        |       |          |   |
|   | <b>Option-I</b>                        |       |          |   |   | <b>Option-II</b>       |       |          |   |
|   | <b>B.Sc (Computer Science) 2nd Sem</b> |       |          |   |   |                        |       |          |   |
|   | <b>Second SEMESTER</b>                 |       |          |   |   | <b>Second SEMESTER</b> |       |          |   |
| 1 | English                                | 53345 | CXL-201  | English-<br>II(Languag<br>e Skills<br>Compulso<br>ry Course-<br>II) | 1 | Physics                | 53346 | CPL-202  | Physics-<br>Mechanics<br>II (Core<br>Course-III)            |
|   |  | 53354 | CCsL-204 | Computer<br>Science-<br>Data<br>Structure<br>using 'C'              |   |                        | 53347 | CPL-203  | Physics-<br>Electricity<br>,<br>Magnetis<br>m and<br>EMT-II |

|  |                    |               |                   |  |                       |                      |               |                   |   |
|--|--------------------|---------------|-------------------|--|-----------------------|----------------------|---------------|-------------------|---|
| 2  | Computer Science   | 53355         | CCsL-205          | Computer Science-Computer Organisation | 2                     | Mathematics          | 53320         | CML-206           | Mathematics-Ordinary Differential Equations and Laplace Transformations |
| 3  | Computer Awareness | 53644         | L-I (i)           | Basic Computer Education               |                       |                      | 53321         | CML-207           | Mathematics-Vector Calculus and Geometry                                |
|  |                    |               |                   |  | 3                     | Computer Awareness   | 53644         | L-I (i)           | Basic Computer Education  |
| <b>Option-I</b>                            |                    |               |                   |  | <b>Option-II</b>      |                      |               |                   |   |
| <b>B.Sc (Computer Application) 1st Sem</b> |                    |               |                   |  |                       |                      |               |                   |   |
| <b>FIRST SEMESTER</b>                      |                    |               |                   |  | <b>FIRST SEMESTER</b> |                      |               |                   |   |
|  | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b> | <b>Nomenclature</b>                    |                       | <b>Paper</b>         | <b>ID No.</b> | <b>Paper Code</b> | <b>Nomenclature</b>   |
| 1  | Physics            | 52499         | CPL-102           | Physics-Mechanics-I                    | 1                     | English              | 52498         | CXL-101           | English-I   |
|  |                    | 52500         | CPL-103           | Physics-Electricity and Magnetism-I    | 2                     | Computer Application | 52509         | CCaL-104          | Computer Applications-Computer Fundamentals and Operating System        |

|  |                      |       |          |  |                        |             |       |          |  |
|--|----------------------|-------|----------|--|------------------------|-------------|-------|----------|--|
| 2  | Mathematics          | 52461 | CML-106  | Mathematics- Algebra                             |                        |             | 52510 | CCaL-105 | Computer Applications-Office Automation Tools                            |
|  |                      | 52462 | CML-107  | Mathematics- Calculus                            | 3                      | EVS         |       | CYL-111  | Environmental Studies  |
| 3  | EVS                  |       | CYL-111  | Environmental Studies                            |                        |             |       |          |  |
| <b>Option-I</b>                            |                      |       |          |  | <b>Option-II</b>       |             |       |          |  |
| <b>B.Sc (Computer Application) 2nd Sem</b> |                      |       |          |  |                        |             |       |          |  |
| <b>Second SEMESTER</b>                     |                      |       |          |  | <b>Second SEMESTER</b> |             |       |          |  |
| 1  | English              | 53345 | CXL-201  | English-II(Language Skills Compulsory Course-II) | 1                      | Physics     | 53346 | CPL-202  | Physics-Mechanics II (Core Course-III)                                   |
| 2  | Computer Application | 53356 | CCaL-204 | Computer Applications- Information Technology    |                        |             | 53347 | CPL-203  | Physics-Electricity , Magnetism and EMT-II                               |
|  |                      | 53357 | CCaL-205 | Computer Applications- Programming in 'C'        | 2                      | Mathematics | 53320 | CML-206  | Mathematics- Ordinary Differential Equations and Laplace Transformations |



|                               |                    |               |                    |   |                       |                    |               |  |                               |
|-------------------------------|--------------------|---------------|--------------------|---|-----------------------|--------------------|---------------|--|-------------------------------|
|                               | Computer Awareness | 53644         | L-I (i)            | Basic Computer Education                                      |                       | 53321              | CML-207       | Mathematics-Vector Calculus and Geometry |                               |
| 3                             |                    |               |                    |   | 3                     | Computer Awareness | 53644         | L-I (i)                                  | Basic Computer Education      |
| <b>Option-I</b>               |                    |               |                    |   | <b>Option-II</b>      |                    |               |  |                               |
| <b>B.Sc (Medical) 1st Sem</b> |                    |               |                    |   |                       |                    |               |  |                               |
| <b>FIRST SEMESTER</b>         |                    |               |                    |   | <b>FIRST SEMESTER</b> |                    |               |  |                               |
|                               | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b>  | <b>Nomenclature</b>   |                       | <b>Paper</b>       | <b>ID No.</b> | <b>Paper Code</b>                        | <b>Nomenclature</b>           |
| 1                             | Botany             | 52513         | BOT 101 L Paper-I  | Botany - Biodiversity of Microbes, Algae and Fungi            | 1                     | English            | 52498         | CXL-101                                  | English-I                     |
|                               |                    | 52514         | BOT 102 L Paper-II | Botany - Biodiversity of Archegoniate                         |                       |                    | 52515         | ZOO 101 L Paper-I                        | Zoology - Animal Diversity-I  |
| 2                             |                    | 52503         | CCL-104            | Chemistry-Inorganic Chemistry-I(Atomic structure and Bonding) | 2                     | Zoology            | 52516         | ZOO 102 L Paper-II                       | Zoology - Animal Diversity-II |

|   |                               |       |                        |   |   |                        |       |                        |                               |
|---|-------------------------------|-------|------------------------|---|---|------------------------|-------|------------------------|-------------------------------|
|   | Chemistry                     | 52504 | CCL-105                | Chemistry-<br>Organic<br>Chemistry-<br>I(General<br>Organic<br>Chemistry<br>and<br>Aliphatic<br>Hydrocarb<br>ons) | 3 | EVS                    |       | CYL-111                | Environm<br>ental<br>Studies  |
| 3 | EVS                           |       | CYL-111                | Environm<br>ental<br>Studies  |   |                        |       |                        |                               |
|   | <b>Option-I</b>               |       |                        |   |   | <b>Option-II</b>       |       |                        |                               |
|   | <b>B.Sc (Medical) 2nd Sem</b> |       |                        |   |   |                        |       |                        |                               |
|   | <b>Second SEMESTER</b>        |       |                        |   |   | <b>Second SEMESTER</b> |       |                        |                               |
| 1 | English                       | 53345 | CXL-201                | English-<br>II(Languag<br>e Skills<br>Compulso<br>ry Course-<br>II)   | 1 | Botony                 | 53360 | BOT 201 L<br>Paper-IV  | Botany –<br>Plant<br>Ecology  |
| 2 | Zoology                       | 53362 | ZOO 201 L<br>(Paper-I) | Zoology –<br>Comparati<br>ve<br>Anatomy<br>and<br>Developm<br>ental<br>Biology of<br>Vertebrat<br>es-I            |   |                        | 53361 | BOT 202 L<br>(Paper-V) | Botany -<br>Plant<br>Taxonomy |

|                                |                             |               |                         |   |   |                           |               |                       |   |
|--------------------------------|-----------------------------|---------------|-------------------------|---|---|---------------------------|---------------|-----------------------|---|
|                                |                             | 53363         | ZOO 202 L<br>(Paper-II) | Zoology -<br>Comparati<br>ve<br>Anatomy<br>and<br>Developm<br>ental<br>Biology of<br>Vertebrat<br>es-II | 2 | Chemistry                 | 53350         | CCL-204               | Chemistry-<br>Physical<br>Chemistry-<br>I(Chemical<br>Energetics<br>and<br>Equilibria)      |
|                                | Computer<br>Awarenes<br>3s  | 53644         | L-I (i)                 | Basic<br>Computer<br>Education  |   |                           | 53351         | CCL-205               | Chemistry-<br>Organic<br>Chemistry-<br>II(Function<br>al Group<br>Organic<br>Chemistry<br>) |
|                                |                             |               |                         |   | 3 | Computer<br>Awarenes<br>s | 53644         | L-I (i)               | Basic<br>Computer<br>Education  |
|                                |                             |               |                         |   |   |                           |               |                       |   |
|                                | <b>Option-I</b>             |               |                         |   |   | <b>Option-II</b>          |               |                       |   |
| <b>B.Sc (Bio-Tech) 1st Sem</b> |                             |               |                         |   |   |                           |               |                       |   |
|                                | <b>FIRST SEMESTER</b>       |               |                         |   |   | <b>FIRST SEMESTER</b>     |               |                       |   |
|                                | <b>Paper</b>                | <b>ID No.</b> | <b>Paper<br/>Code</b>   | <b>Nomencl<br/>ature</b>  |   | <b>Paper</b>              | <b>ID No.</b> | <b>Paper<br/>Code</b> | <b>Nomencl<br/>ature</b>  |
| 1                              | English                     | 52498         | CXL-101                 | English-I   | 1 | Botany                    | 52513         | BOT 101 L<br>Paper-I  | Botany -<br>Biodiversit<br>y of<br>Microbes,<br>Algae and<br>Fungi                          |
| 2                              | Core<br>Course<br>Biotechno | 52511         | BIT 101 L<br>Paper-I    | Biotechno<br>logy -<br>Introducti<br>on to<br>Biotechno<br>logy   |   |                           | 52514         | BOT 102 L<br>Paper-II | Botany -<br>Biodiversit<br>y of<br>Archegoni<br>ate   |



|  |                            |       |                         |   |   |                           |       |         |                                |
|--|----------------------------|-------|-------------------------|---|---|---------------------------|-------|---------|--------------------------------|
|  |                            | 53363 | ZOO 202 L<br>(Paper-II) | Zoology -<br>Comparati<br>ve<br>Anatomy<br>and<br>Developm<br>ental<br>Biology of<br>Vertebrat<br>es-II | 3 | Computer<br>Awarenes<br>s | 53644 | L-I (i) | Basic<br>Computer<br>Education |
|  | Computer<br>Awarenes<br>3s | 53644 | L-I (i)                 | Basic<br>Computer<br>Education  |   |                           |       |         |                                |

Option-I

Option-II

**B.Sc Mathematics (Hons) 1st Sem**

| FIRST SEMESTER |                                    |        |            |                                    | FIRST SEMESTER |                            |        |            |                              |
|----------------|------------------------------------|--------|------------|------------------------------------|----------------|----------------------------|--------|------------|------------------------------|
|                | Paper                              | ID No. | Paper Code | Nomencil<br>ature                  |                | Paper                      | ID No. | Paper Code | Nomencil<br>ature            |
| 1              | English                            |        | BXL-101    | English                            | 1              | Environm<br>ent<br>Science |        | BXL-102    | Environm<br>ent<br>Science   |
| 2              | Elementry<br>Mathemat<br>ics-I     |        | BML-101    | Elementry<br>Mathemat<br>ics-I     | 2              | Physics -I<br>Mechanics    |        | BPL-101    | Physics -I<br>Mechanics      |
| 3              | Mathemat<br>ics-I Basic<br>Algebra |        | BML-102    | Mathemat<br>ics-I Basic<br>Algebra | 3              | Chemistry-<br>I            |        | BCL-101    | Chemistry-<br>I              |
| 4              | Elementry<br>Biology-I             |        | BBL-101    | Elementry<br>Biology-I             | 4              | EVS                        |        | CYL-111    | Environm<br>ental<br>Studies |
| 5              | EVS                                |        | CYL-111    | Environm<br>ental<br>Studies       |                |                            |        |            |                              |

Option-I

Option-II

**B.Sc Mathematics (Hons) 2nd Sem**

| Second SEMESTER |       |        |            |                   | Second SEMESTER |       |        |            |                   |
|-----------------|-------|--------|------------|-------------------|-----------------|-------|--------|------------|-------------------|
|                 | Paper | ID No. | Paper Code | Nomencil<br>ature |                 | Paper | ID No. | Paper Code | Nomencil<br>ature |

