The following shall be the courses of the studies under CBCS pattern

**M. Sc. – I Mathematics C B C S PATTERN (2018-19)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S E M E S T E R – I (Duration – 6 Months)** | | | | | | | | | | | | | | | | | | | |
| Sr.No | Course Title | **Teaching Scheme** | | | | | | **Examination scheme** | | | | | | | | | | | |
| Theory | | | | | | | | Practical | |  | |
|  |  | Theory | | | Practical | | | Theory | | | Internal | | | Total | | Total | | | |  |
| No.of lectures | Hours | Credits | No. of Lectures | Hours | Credits | Max. | Min. | Hours | Max. | Min. | Hours | Max. | Min. | Max. | Min. | | Hours. |
| 1 | CP-I-A | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 | **N0 PRACTICAL EXAMINATION** | | | |
| 2 | CP-II-A | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 3 | CP-III-A | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 4 | CP-IV-A | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 5 | CP-V-A | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
|  | **Total** | 25 | 25 | **25** | - | - | - | 450 | - | - | 150 | - |  | 600 | - |
|  | **Semester-II(duration 6 months)** | | | | | | | | | | | | | | | | | | |
| 6 | CP-VI-B | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 | **N0 PRACTICAL EXAMINATION** | | | |
| 7 | CP-VII-B | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 8 | CP-VIII-B | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 9 | CP-IX-B | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 10 | CP-X-B | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
|  | Total |  |  | **25** | - | - | - | 450 | - | - | 150 | - |  | 600 | - |
|  |  | 5 | 5 | **50** | - | - | - | 900 |  |  | 300 |  |  | 1200 | 48 |

|  |  |
| --- | --- |
| * Student contact hours per week : 25 Hours (Min.) | * Total Marks for M.Sc.-I : **1200** |
| * Theory Lectures : 60 Minutes Each | * Total Credits for M.Sc.-I (Semester I & II) : **50** |
| * CP-Core Paper * Course list as per enclosed Annexure. ***Separate passing is mandatory for Theory, Internal.*** | |
| * No Practical Examination | |

The following shall be the courses of the studies under CBCS pattern

**M. Sc. – II Mathematics C B C S PATTERN (2019-20)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S E M E S T E R – III (Duration – 6 Months)** | | | | | | | | | | | | | | | | | | | |
| Sr.No | Course Title | **Teaching Scheme** | | | | | | **Examination scheme** | | | | | | | | | | | |
| Theory | | | | | | | | Practical | |  | |
|  |  | Theory | | | Practical | | | Theory | | | Internal | | | Total | | Total | | | |  |
| No.of lectures | Hours | Credits | No. of Lectures | Hours | Credits | Max. | Min. | Hours | Max. | Min. | Hours | Max. | Min. | Max. | Min. | | Hours. |
| 1 | CP-XI-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 | **N0 PRACTICAL EXAMINATION** | | | |
| 2 | CP-XII-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 3 | CP-XIII-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 4 | CP-XIV-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 5 | CP-XV-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
|  | **Total** | 25 | 25 | **25** | - | - | - | 450 | - | - | 150 | - |  | 600 | - |
|  | **Semester-IV(duration 6 months)** | | | | | | | | | | | | | | | | | | |
| 6 | CP-XVI-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 | **N0 PRACTICAL EXAMINATION** | | | |
| 7 | CP-XVII-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 8 | CP-XVIII-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 9 | CP-XIX-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
| 10 | CP-XX-C | 5 | 5 | 5 | - | - | - | 90 | 36 | 3 | 30 | 12 | 1 | 120 | 48 |
|  |  |  |  | **25** | - | - | - | 450 | - | - | 150 | - | - | 600 | - |
|  | Total | 5 | 5 | **50** | - | - | - | 900 | - | -- | 300 | - | - | 1200 | - |

|  |  |  |
| --- | --- | --- |
| * Student contact hours per week : 25 Hours (Min.) | | * Total Marks for M.Sc.-II : **1200** |
| * Theory Lectures : 60 Minutes Each | | * Total Credits for M.Sc.-II (Semester III & IV) : **50** |
| * CP-Core Paper * Course list as per enclosed Annexure. | | |
| * No Practical Examination | * **Total Credits for M.Sc : 100** | |
| * ***Separate passing is mandatory for Theory, Internal.*** | * **Total Marks for M.Sc. Course : 2400** | |