

----- Program Structure -----

| Bachelor of Computer Application   Level 4.5 (FY) SEMESTER I |             |                                                        |                          |           |                              |            |            |           |           |           |
|--------------------------------------------------------------|-------------|--------------------------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                 | Course Type | Course Name                                            | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                              |             |                                                        | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT101                                                  | Subject- 1  | Problem Solving Using 'C' Programming                  | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCP102                                                  |             | Problem Solving Using 'C' Programming Laboratory       | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJCT103                                                  | Subject- 2  | Database Management System                             | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCP104                                                  |             | Database Management System Laboratory                  | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJCT105                                                  | Subject- 3  | Digital Electronics & Computer Organization            | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCP106                                                  |             | Web Development Using HTML and CSS Laboratory          | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405GOET107                                                  | GE/OE       | To be selected from college Bucket                     | 02                       | --        | 50                           | --         | 50         | 02        | --        | 02        |
| 2405SECP108                                                  | SEC         | Digital Electronics & Computer Organization Laboratory | --                       | 04        | 50                           | --         | 50         | --        | 02        | 02        |
| 2405IKST109                                                  | IKS         | Generic IKS                                            | 02                       | --        | 50                           | --         | 50         | 02        | --        | 02        |
| 2405AECT110                                                  | AEC         | English for Communication-I                            | 02                       | --        | 50                           | --         | 50         | 02        | --        | 02        |
| 2405VECT111                                                  | VEC         | Constitution & Democracy                               | 02                       | --        | 50                           | --         | 50         | 02        | --        | 02        |
| <b>Total</b>                                                 |             |                                                        | <b>14</b>                | <b>16</b> | <b>370</b>                   | <b>180</b> | <b>550</b> | <b>14</b> | <b>08</b> | <b>22</b> |

| Bachelor of Computer Application   Level 4.5 (FY) SEMESTER II |             |                                                  |                          |           |                              |            |            |           |           |           |
|---------------------------------------------------------------|-------------|--------------------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                  | Course Type | Course Name                                      | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                               |             |                                                  | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT201                                                   | Subject- 1  | Object Oriented Concepts using C++               | 02                       | --        | 20                           | 30         | 50         | 02        | -         | 02        |
| 2405MJCP202                                                   |             | Object Oriented Concepts using C++ Laboratory    | --                       | 04        | 20                           | 30         | 50         | -         | 02        | 02        |
| 2405MJCT203                                                   | Subject- 2  | Web Development Using Java Script                | 02                       | --        | 20                           | 30         | 50         | 02        | -         | 02        |
| 2405MJCP204                                                   |             | Web Development Using Java Script Laboratory     | --                       | 04        | 20                           | 30         | 50         | -         | 02        | 02        |
| 2405MJCT205                                                   | Subject- 3  | Applied Mathematics                              | 02                       | --        | 20                           | 30         | 50         | 02        | -         | 02        |
| 2405MJCP206                                                   |             | Relational Database Management System Laboratory | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405GOEP207                                                   | GE/OE       | To be selected from college Bucket               | --                       | 04        | 50                           | --         | 50         | --        | 02        | 02        |
| 2405SECP208                                                   | SEC         | Applied Mathematics Laboratory                   | --                       | 04        | 50                           | --         | 50         | -         | 02        | 02        |
| 2405AECT209                                                   | AEC         | English for Communication-II                     | 02                       | --        | 50                           | --         | 50         | 02        | -         | 02        |
| 2405VECT210                                                   | VEC         | Environmental Science                            | 02                       | --        | 50                           | --         | 50         | 02        | -         | 02        |
| 2405CCC211                                                    | CC          | To be selected from College Bucket               | 02                       | --        | 50                           | --         | 50         | 02        | -         | 02        |
| <b>Total</b>                                                  |             |                                                  | <b>12</b>                | <b>20</b> | <b>370</b>                   | <b>180</b> | <b>550</b> | <b>12</b> | <b>10</b> | <b>22</b> |

----- Program Structure -----

| Bachelor of Computer Application   Level 5.0 (SY) SEMESTER III |             |                                      |                          |           |                              |            |            |           |           |           |
|----------------------------------------------------------------|-------------|--------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                   | Course Type | Course Name                          | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                                |             |                                      | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT301                                                    | Major Core  | Data Structures using C++            | 02                       | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MJCT302                                                    |             | Software Engineering                 | 02                       | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MJCP303                                                    |             | Data Structures using C++ Laboratory | -                        | 04        | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405VSCP304                                                    | VSC         | R-Programming                        | -                        | 04        | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405FPRP305                                                    | FPR         | Field Project                        | -                        | 04        | 50                           | -          | 50         | -         | 2         | 2         |
| 2405MNRT30 6A                                                  | Minor       | HBase and NoSQL                      | 02                       | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MNRP30 7B                                                  |             | HBase and NoSQL Laboratory           | -                        | 04        | 20                           | 30         | 50         | -         | 2         | 2         |
| OR                                                             |             | OR                                   |                          |           |                              |            |            |           |           |           |
| 2405MNRT30 6A                                                  |             | Web Development Using PHP            | 02                       | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MNRP30 7B                                                  |             | Web Development Using PHP Laboratory | -                        | 04        | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405GOET308                                                    | GE/OE       | To be selected from College Bucket   | 02                       | -         | 50                           | -          | 50         | 2         | -         | 2         |
| 2405IKST309                                                    | IKS         | Domain Specific IKS                  | 02                       | -         | 50                           | -          | 50         | 2         | -         | 2         |
| 2405AECT310                                                    | AEC         | Sanskrit-I / Marathi-I / Hindi-I     | 02                       | -         | 50                           | -          | 50         | 2         | -         | 2         |
| 2405CCC311                                                     | CC          | To be selected from College Bucket   | 02                       | -         | 50                           | -          | 50         | 2         | -         | 2         |
| <b>Total</b>                                                   |             |                                      | <b>14</b>                | <b>16</b> | <b>370</b>                   | <b>180</b> | <b>550</b> | <b>14</b> | <b>08</b> | <b>22</b> |

| Bachelor of Computer Application   Level 5.0 (SY) SEMESTER IV |             |                                      |                          |           |                              |            |            |           |           |           |
|---------------------------------------------------------------|-------------|--------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                  | Course Type | Course Name                          | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                               |             |                                      | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT401                                                   | Major Core  | Core JAVA                            | 2                        | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MJCT402                                                   |             | Object Oriented Software Engineering | 2                        | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MJCP403                                                   |             | Core JAVA Laboratory                 | -                        | 4         | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405VSCP404                                                   | VSC         | Go Programming                       | -                        | 4         | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405FPRP405                                                   | CEP         | CommunityEngagement Program          | -                        | 4         | 50                           | -          | 50         | -         | 2         | 2         |
| 2405MNRT406 A                                                 | Minor       | MongoDB                              | 2                        | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MNRP407 B                                                 |             | MongoDB Laboratory                   | -                        | 4         | 20                           | 30         | 50         | -         | 2         | 2         |
| OR                                                            |             | OR                                   |                          |           |                              |            |            |           |           |           |
| 2405MNRT406 A                                                 |             | React Web Framework                  | 2                        | -         | 20                           | 30         | 50         | 2         | -         | 2         |
| 2405MNRP407 B                                                 |             | React Web Framework Laboratory       | -                        | 4         | 20                           | 30         | 50         | -         | 2         | 2         |
| 2405GOEP408                                                   | GE/OE       | To be selected from College Bucket   | -                        | 4         | 50                           | -          | 50         | 2         | 2         | 2         |
| 2405SECP409                                                   | SEC         | Power BI OR Open AI                  | -                        | 4         | 50                           | -0         | 50         | -         | 2         | 2         |
| 2405AECT410                                                   | AEC         | Sanskrit-II / Marathi-II / Hindi II  | 2                        | -         | 50                           | -          | 50         | 2         | -         | 2         |
| 2405CCC411                                                    | CC          | To be selected from College Bucket   | -                        | -         | 50                           | -          | 50         | 2         | -         | 2         |
| <b>Total</b>                                                  |             |                                      | <b>08</b>                | <b>24</b> | <b>370</b>                   | <b>180</b> | <b>550</b> | <b>10</b> | <b>12</b> | <b>22</b> |

----- Program Structure -----

| Bachelor of Computer Application   Level 5.5 (TY) SEMESTER V |                |                               |                          |    |                              |     |       |         |    |       |
|--------------------------------------------------------------|----------------|-------------------------------|--------------------------|----|------------------------------|-----|-------|---------|----|-------|
| Subject Code                                                 | Course Type    | Course Name                   | Teaching Scheme Hrs/Week |    | Examination Scheme and Marks |     |       | Credits |    |       |
|                                                              |                |                               | TH                       | P  | CCE                          | EE  | Total | TH      | P  | Total |
| 2405MJCT501                                                  | Major Core     | Advance Java                  | 04                       | -- | 40                           | 60  | 100   | 04      | -- | 04    |
| 2405MJCT502                                                  |                | Computer Network              | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCP503                                                  |                | Advance Java Laboratory       | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405MJCT504                                                  |                | Python Programming            | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCP505                                                  |                | Python Programming Laboratory | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405MJET506A                                                 | Major Elective | Android                       | 02                       | -- | 20                           | 30  | 50    | --      | -- | 02    |
| 2405MJEP507B                                                 |                | Android Laboratory            | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| OR                                                           |                | OR                            |                          |    |                              |     |       |         |    |       |
| 2405MJET506A                                                 |                | . NET Programming             | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJEP507B                                                 |                | .NET Programming Laboratory   | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405VSCP508                                                  | VSC            | Scala Framework               | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405FPRP509                                                  | FP/CEP         | Field Project                 | --                       | 04 | 50                           | --  | 50    | --      | 02 | 02    |
| 2405MNRT510A                                                 | Minor          | Big data                      | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| OR                                                           |                | OR                            |                          |    |                              |     |       |         |    |       |
| 2405MNRT510A                                                 |                | Node JS and Express JS        | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| Total                                                        |                |                               | 12                       | 20 | 250                          | 300 | 550   | 10      | 10 | 22    |

| Bachelor of Computer Application   Level 5.5 (TY) SEMESTER VI |                |                                    |                          |           |                              |            |            |           |           |           |
|---------------------------------------------------------------|----------------|------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                  | Course Type    | Course Name                        | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                               |                |                                    | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT601                                                   | Major Core     | Artificial Intelligence            | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCT602                                                   |                | Cyber Security                     | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCP603                                                   |                | Artificial Intelligence Laboratory | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJCT604                                                   |                | Operating System                   | 04                       | --        | 40                           | 60         | 100        | 04        | --        | 04        |
| 2405MJCP605                                                   |                | Operating System Laboratory        | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJET606A                                                  | Major Elective | UI & UX                            | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJEP607B                                                  |                | UI & UX Laboratory                 | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| OR                                                            |                | OR                                 |                          |           |                              |            |            |           |           |           |
| 2405MJET606A                                                  |                | Machine Learning                   | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJEP607B                                                  |                | Machine Learning                   | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405VSCP608                                                   | VSC            | Laboratory                         | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405OJTP609                                                   | OJT            | Spring Framework                   | --                       | 08        | 100                          | --         | 100        | --        | 04        | 04        |
| <b>Total</b>                                                  |                |                                    | <b>10</b>                | <b>24</b> | <b>280</b>                   | <b>270</b> | <b>550</b> | <b>10</b> | <b>12</b> | <b>22</b> |

**----- Program Structure -----**

\*Note: - If Student want to opt semester Internship, then follow below structure of SEM-VI

| Bachelor of Computer Application   Level 6.0 Hon. Degree with Semester Long Internship (Semester–VI) |             |                             |                          |    |                              |     |       |         |    |       |
|------------------------------------------------------------------------------------------------------|-------------|-----------------------------|--------------------------|----|------------------------------|-----|-------|---------|----|-------|
| Subject Code                                                                                         | Course Type | Course Name                 | Teaching Scheme Hrs/Week |    | Examination Scheme and Marks |     |       | Credits |    |       |
|                                                                                                      |             |                             | TH                       | P  | CCE                          | EE  | Total | TH      | P  | Total |
| 2405MJCT601                                                                                          | Major Core  | Artificial Intelligence     | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCT602                                                                                          |             | Cyber Security              | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCT603                                                                                          |             | Operating System            | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJET606A                                                                                         |             | UI & UX OR Machine Learning | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJEP608                                                                                          |             | Spring Framework            | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| OR                                                                                                   |             |                             |                          |    |                              |     |       |         |    |       |
|                                                                                                      | OJT         | MOOC Online Courses         | --                       | -- | --                           | --  | --    | 10      | -- | 10    |
| 2405OJTP606                                                                                          | MOOC        | On Job Training             | --                       | -- | --                           | --  | --    | --      | 12 | 12    |
| Total                                                                                                |             |                             | 10                       | 00 | 75                           | 175 | 250   | 10      | 12 | 22    |

| Bachelor of Computer Application   Level 6.0 Hon. Degree Semester–VII |                |                                        |                          |           |                              |            |            |           |           |           |
|-----------------------------------------------------------------------|----------------|----------------------------------------|--------------------------|-----------|------------------------------|------------|------------|-----------|-----------|-----------|
| Subject Code                                                          | Course Type    | Course Name                            | Teaching Scheme Hrs/Week |           | Examination Scheme and Marks |            |            | Credits   |           |           |
|                                                                       |                |                                        | TH                       | P         | CCE                          | EE         | Total      | TH        | P         | Total     |
| 2405MJCT701                                                           | Major Core     | Block chain                            | 04                       | --        | 40                           | 60         | 100        | 04        | --        | 04        |
| 2405MJCT702                                                           |                | Cloud Technologies                     | 04                       | --        | 40                           | 60         | 100        | 04        | --        | 04        |
| 2405MJCP703                                                           |                | Block chain Laboratory                 | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJCP704                                                           |                | Cloud Technologies Laboratory          | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405MJCT705                                                           |                | DevOps                                 | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJCT706A                                                          | Major Elective | Natural Language Processing            | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJEP707B                                                          |                | Natural Language Processing Laboratory | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| OR                                                                    |                | OR                                     |                          |           |                              |            |            |           |           |           |
| 2405MJCT706A                                                          |                | Django Web Framework                   | 02                       | --        | 20                           | 30         | 50         | 02        | --        | 02        |
| 2405MJEP707B                                                          |                | Django Web Framework Laboratory        | --                       | 04        | 20                           | 30         | 50         | --        | 02        | 02        |
| 2405RMT708                                                            | RM             | Fundamentals of Research Methodology   | 04                       | --        | 40                           | 60         | 100        | 04        | --        | 04        |
| <b>Total</b>                                                          |                |                                        | <b>16</b>                | <b>12</b> | <b>220</b>                   | <b>330</b> | <b>550</b> | <b>16</b> | <b>06</b> | <b>22</b> |

----- Program Structure -----

| Bachelor of Computer Application   Level 6.0 Hon. Degree Semester–VIII |                |                                  |                          |    |                              |     |       |         |    |       |
|------------------------------------------------------------------------|----------------|----------------------------------|--------------------------|----|------------------------------|-----|-------|---------|----|-------|
| Subject Code                                                           | Course Type    | Course Name                      | Teaching Scheme Hrs/Week |    | Examination Scheme and Marks |     |       | Credits |    |       |
|                                                                        |                |                                  | TH                       | P  | CCE                          | EE  | Total | TH      | P  | Total |
| 2405MJCT801                                                            | Major Core     | Data Science                     | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCT802                                                            |                | Data Analytics                   | 04                       | -- | 40                           | 60  | 100   | 04      | -- | 04    |
| 2405MJCT803                                                            |                | Deep Learning                    | 04                       | -- | 40                           | 60  | 100   | 04      | -- | 04    |
| 2405MJCP804                                                            |                | Data Analytics Laboratory        | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405MJCP805                                                            |                | Deep Learning Laboratory         | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405MJET806A                                                           | Major Elective | Data Mining and Data Warehousing | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJEP807B                                                           |                | DMDW Laboratory                  | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| OR                                                                     |                | OR                               |                          |    |                              |     |       |         |    |       |
| 2405MJET806A                                                           |                | Computer Vision                  | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJEP807B                                                           |                | Computer Vision Laboratory       | --                       | 04 | 20                           | 30  | 50    | --      | 02 | 02    |
| 2405OJTP808                                                            | OJT            | On-Job Training/Internship*      | --                       | 08 | 100                          | --  | 100   | --      | 04 | 04    |
| Total                                                                  |                |                                  | 12                       | 14 | 280                          | 270 | 550   | 12      | 10 | 22    |

Award of Four years UG Honors Degree in Major and Minor with 176 credits

| Bachelor of Computer Application   Level 6.0 Hon. Degree with Semester Long Internship (Semester–VIII) |             |                                  |                          |    |                              |     |       |         |    |       |
|--------------------------------------------------------------------------------------------------------|-------------|----------------------------------|--------------------------|----|------------------------------|-----|-------|---------|----|-------|
| Subject Code                                                                                           | Course Type | Course Name                      | Teaching Scheme Hrs/Week |    | Examination Scheme and Marks |     |       | Credits |    |       |
|                                                                                                        |             |                                  | TH                       | P  | CCE                          | EE  | Total | TH      | P  | Total |
| 2405MJCT801                                                                                            | Major Core  | Data Science                     | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCT802                                                                                            |             | Data Analytics                   | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJCT803                                                                                            |             | Deep Learning                    | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJET806A                                                                                           |             | Data Mining and Data Warehousing | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
| 2405MJEP807A                                                                                           |             | Computer Vision                  | 02                       | -- | 20                           | 30  | 50    | 02      | -- | 02    |
|                                                                                                        |             | OR                               |                          |    |                              |     |       |         |    |       |
|                                                                                                        |             | MOOC Online Courses              | --                       | -- | --                           | --  | --    | 10      | -- | 10    |
| 2409OJTP808 B                                                                                          | OJT         | On Job Training (120 Hrs.)       | --                       | -- | --                           | --  | --    | --      | 12 | 12    |
| Total                                                                                                  |             |                                  | 10                       | 00 | 75                           | 175 | 250   | 10      | 12 | 22    |

**Abbreviations:**

MJC – Major Core MJE- Major Elective MNR-Minor | VSC- Vocational Skill Course

IKS - Indian Knowledge System FPR– Field Project OJT – On Job Training

CEP – Community Engagement Program GOE –Generic Elective / Open Elective

SEC- Skill Enhancement Course | AEC- Ability Enhancement Course | VEC –Value Education course CCC- Co-curricular Course

RM – Research Methodology T- Theory | P-Practical