|     |  |                 |          |        |                   |      |                            |       | Sem                          | ester : Sec                 | ond     |                   |           |           |       |     |                  |      |      |     |                  |     |       |
|-----|--|-----------------|----------|--------|-------------------|------|----------------------------|-------|------------------------------|-----------------------------|---------|-------------------|-----------|-----------|-------|-----|------------------|------|------|-----|------------------|-----|-------|
|     |  |                 |          |        |                   | Lear | ning S                     | Schem | e                            |                             |         | Assessmen         | t Schem   | ie        |       |     |                  |      |      |     |                  |     |       |
|     |  |                 |          |        |                   |      | Actual Contac<br>Hrs./Week |       |                              |                             |         |                   |           |           |       |     | Based on LL & TL |      |      |     | Based on<br>Self |     |       |
|     |  |                 |          |        | Total             |      |                            |       | Self<br>Learning             |                             |         |                   | Theor     | ry        |       |     | Pract            | ical |      |     | Learn            | ing |       |
| Sr  |  |                 | Course   | Course | IKS<br>Hrs<br>for |      |                            |       | (Activity/ Assignment /Micro | Notional<br>Learning<br>Hrs |         | Paper<br>Duration | FA-<br>TH | SA-<br>TH | Total |     | FA-P             | R    | SA-P | R   | SLA              |     | Total |
| No  | Course Title                             | Abbrevation     | Туре     | Code   | Sem.              | CL   | TL                         | LL    | Project)                     | /Week                       | Credits | (hrs.)            | Max       | Max       | Max   | Min | Max              | Min  | Max  | Min | Max              | Min | Marks |
| Gen | eral ( All Courses are Co                | ompulsory. ) Co | mpulsory | - 7    |                   |      |                            |       |                              |                             |         |                   |           |           |       |     |                  |      |      |     |                  |     |       |
| 1   | APPLIED<br>MATHEMATICS                   | AMS             | AEC      | 312301 | 2                 | 3    | 1                          | -     | -                            | 4                           | 2       | 3                 | 30        | 70        | 100   | 40  | -                | -    | -    | -   | -                | -   | 100   |
| 2   | APPLIED SCIENCE                          | ASC             | DSC      | 312308 | 4                 | 4    | -                          | 4     | -                            | 8                           | 4       | 1.5               | 30        | 70*#      | 100   | 40  | 50               | 20   | 50@  | 20  | -                | -   | 200   |
| 3   | ENGINEERING<br>MECHANICS                 | EGM             | DSC      | 312312 | 2                 | 3    | 1                          | 2     | 2                            | 8                           | 4       | 3                 | 30        | 70        | 100   | 40  | 25               | 10   | -    | -   | 25               | 10  | 150   |
| 4   | BUILDING<br>MATERIAL AND<br>CONSTRUCTION | ВМС             | DSC      | 312338 | 1                 | 3    | -                          | 2     | 3                            | 8                           | 4       | 3                 | 30        | 70        | 100   | 40  | 25               | 10   | -    | -   | 25               | 10  | 150   |
| 5   | SURVEYING                                | SUY             | SEC      | 312339 | 1                 | 3    |                            | 4     | 1                            | 8                           | 4       | 3                 | 30        | 70        | 100   | 40  | 25               | 10   | 50#  | 20  | 25               | 10  | 200   |
| 6   | PROFESSIONAL<br>COMMUNICATION            | PCO             | SEC      | 312002 | 0                 | -    | -                          | 2     | -                            | 2                           | 1       | <u>-</u>          | -         | -         | -     | -   | 25               | 10   | 25@  | 10  | -                | -   | 50    |
| 7   | SOCIAL AND LIFE<br>SKILLS                | SFS             | VEC      | 312003 |                   | -    | -                          | 1     | 1                            | 2                           | 1       | -                 | -         | -         | -     | -   | 25               | 10   | -    | -   | 25               | 10  | 50    |
|     |  | Total           |          |        | 10                | 16   | 2                          | 15    | 7                            | 40                          | 20      |                   | 150       | 350       | 500   |     | 175              |      | 125  |     | 100              |     | 900   |

Abbreviations: CL- Classroom Learning, TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA - Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends: @ Internal Assessment, # External Assessment, \*# On Line Examination , @\$ Internal Online Examination

## Note:

- 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
- 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
- 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.\* 15 Weeks
- 5. 1 credit is equivalent to 30 Notional hrs.
- 6. \* Self learning hours shall not be reflected in the Time Table.

Course Category: Discipline Specific Course Core (DSC): 3, Discipline Specific Elective (DSE): 0, Value Education Course (VEC): 1, Intern./Apprenti./Project./Community (INP): 0, AbilityEnhancement Course (AEC): 1, Skill Enhancement Course (SEC): 2, Generic Elective (GE): 0

|     |                                      |                 |           |  |                   |      |                             |       | Sem                                | ester : Thi                 | ird     |                   |           |           |       |     |       |      |        |     |               |     |       |  |
|-----|--------------------------------------|-----------------|-----------|--|-------------------|------|-----------------------------|-------|------------------------------------|-----------------------------|---------|-------------------|-----------|-----------|-------|-----|-------|------|--------|-----|---------------|-----|-------|--|
|     |                                      |                 |           |  |                   | Lear | rning S                     | cheme | •                                  |                             |         | Assessmen         | t Schem   | ie        |       |     |       |      |        |     |               |     |       |  |
|     |                                      |                 |           |  |                   |      | Actual Contact<br>Hrs./Week |       | Sale                               |                             |         |                   |           |           |       |     |       |      | . & TL |     | Based<br>Self |     |       |  |
|     |                                      |                 |           |  | Total             |      |                             |       | Self<br>Learning                   |                             |         |                   | Theor     | У         |       |     | Pract | ical |        |     | Learn         | ing |       |  |
| Sr  |                                      |                 | Course    | Course   | IKS<br>Hrs<br>for |      |                             |       | (Activity/<br>Assignment<br>/Micro | Notional<br>Learning<br>Hrs |         | Paper<br>Duration | FA-<br>TH | SA-<br>TH | Total |     | FA-P  | R    | SA-P   | R   | SLA           |     | Total |  |
| No  | Course Title                         | Abbrevation     | Type      | Code   | Sem.              | CL   | TL                          | LL    | Project)                           | /Week                       | Credits |                   | Max       | Max       | Max   | Min | Max   | Min  | Max    | Min | Max           | Min | Mark  |  |
| Gen | neral ( All Courses are              | Compulsory. ) C | Compulsor | y - 7  |                   |      |                             |       |                                    |                             |         |                   |           |           |       |     |       |      |        |     |               |     |       |  |
| 1   | ESSENCE OF<br>INDIAN<br>CONSTITUTION | EIC             | VEC       | 313304   |                   | 1    |                             |       | 1                                  | 2                           | 1       | -                 | -         | -         | -     | -   | -     | -    | -      | -   | 50            | 20  | 50    |  |
| 2   | ADVANCED<br>SURVEYING                | ASU             | SEC       | Course Code Will be Created After Locking Scheme |                   | 3    |                             | 4     | 1                                  | 8                           | 4       | 3                 | 30        | 70        | 100   | 40  | 25    | 10   | 25#    | 10  | 25            | 10  | 175   |  |
| 3   | HIGHWAY<br>ENGINEERING               | HEN             | DSC       | Course Code Will be Created After Locking Scheme |                   | 3    |                             | 2     | 1                                  | 6                           | 3       | 3                 | 30        | 70        | 100   | 40  | 25    | 10   | -      | -   | 25            | 10  | 150   |  |
| 4   | CONCRETE<br>TECHNOLOGY               | СТЕ             | DSC       | Course Code Will be Created After Locking Scheme |                   | 3    |                             | 2     | 1                                  | 6                           | 3       | 3                 | 30        | 70        | 100   | 40  | 25    | 10   | 25#    | 10  | 25            | 10  | 175   |  |
| 5   | CONSTRUCTION<br>MANAGEMENT           | CMA             | DSC       | Course Code Will be Created After Locking Scheme |                   | 1    |                             | 2     | 1                                  | 4                           | 2       | -                 | -         | -         | -     | -   | 25    | 10   | -      | -   | 25            | 10  | 50    |  |
| 5   |                                      | CMA             | DSC       | Course Code Will be Created After Locking        |                   | 1    |                             | 2     | 1                                  | 4                           | 2       | -                 | -         | -         | -     | -   | 25    | 10   | -      | -   |               | 25  | 25 10 |  |

| se Title<br>GENERAL ) Compul<br>ER RESOURCE<br>NEERING | Abbrevation Isory - 6  WRE   | Course<br>Type   | Code  Course Code   | Total<br>IKS<br>Hrs<br>for<br>Sem.  | Actu<br>Hrs.   | rning S<br>ual Co<br>/Week   | ntact  | Self<br>Learning<br>(Activity/<br>Assignment<br>/Micro<br>Project) | Notional<br>Learning<br>Hrs  |   | Assessmen Paper Duration | Theorem FA-TH            |                          | Total  |                          | Based<br>Practi   |  | & TL  | ₹   | Based<br>Self<br>Learn   |  |                      |
|--|--|--|---|---|--|--|--|--|--|---|--------------------------|--------------------------|--------------------------|--|--------------------------|---|--|---|---|--|--|----------------------|
| GENERAL ) Comput                                       | lsory - 6  | Туре   | Code  Course Code   | IKS<br>Hrs<br>for   | Hrs.   | /Week  |  | Learning<br>(Activity/<br>Assignment<br>/Micro                     | Learning<br>Hrs  |   |                          | FA-                      | SA-                      | Total  |                          | Practi  | ical   |   | ₹   | Self<br>Learn  |  | T                    |
| GENERAL ) Comput                                       | lsory - 6  | Туре   | Code  Course Code   | IKS<br>Hrs<br>for   | CL   | TL   | LL   | (Activity/<br>Assignment<br>/Micro                                 | Learning<br>Hrs  |   |                          | FA-                      | SA-                      | Total  |                          |   |  | SA-Pl   | ₹   |  | g  | T                    |
| GENERAL ) Comput                                       | lsory - 6  | Туре   | Code  Course Code   | Hrs<br>for  | CL   | TL   | LL   | Assignment<br>/Micro   | Learning<br>Hrs  |   |                          |                          |                          | Total  |                          | FA-PI   | R  | SA-Pl   | ₹   | SLA  |  | T                    |
| GENERAL ) Comput                                       | lsory - 6  |  | Course<br>Code  | Sem.  | CL   | TL   | LL   | Project)   |  |   | Duration                 |                          |                          |  |                          |   |  |   |   |  |  | _ T                  |
| ER RESOURCE  |  | DSC  | Code  |   |  |  |  |  | /Week  | Credits   | (hrs.)                   | Max                      | Max                      | Max  | Min                      | Max   | Min  | Max   | Min   | Max  | Min  | N                    |
|  | WRE  | DSC  | Code  |   |  |  |  |  |  |   |                          |                          |                          |  |                          |   |  |   |   |  |  |                      |
|  |  |  | Will be<br>Created<br>After<br>Locking<br>Scheme  |   | 4  |  | 2  | -  | 6  | 3   | 3                        | 30                       | 70                       | 100  | 40                       | 25  | 10   | -   | -   | -  | -  |                      |
| RGING TRENDS<br>VIL<br>NEERING                         | ETC  | DSC  | Course Code Will be Created After Locking Scheme  |   | 3  |  |  | 1  | 4  | 2   | 1.5                      | 30                       | 70*#                     | 100  | 40                       | -   | -  | -   | -   | 25   | 10   |                      |
| JC HEALTH<br>NEERING                                   | РНЕ  | DSC  | Course Code Will be Created After Locking Scheme  |   | 4  |  | 2  |  | 6  | 3   | 3                        | 30                       | 70                       | 100  | 40                       | 25  | 10   | 25#   | 10  | -  | -  |                      |
| ERPRENEURSHIP<br>ELOPMENT AND<br>TUPS                  | EDS  | AEC  | 315302  |   | 1  | -  | 2  | 1  | 4  | 2   | -                        | -                        | -                        | -  | -                        | 50  | 20   | 25@   | 10  | 25   | 10   |                      |
| NAR AND<br>ECT INITIATION<br>RSE                       | SPI  | AEC  | 315002  |   | -  | -  | 2  | -  | 2  | 1   | -                        | -                        | -                        | -  | -                        | 25  | 10   | 25@   | 10  | -  | -  |                      |
| RNSHIP(12<br>KS)                                       | ITR  | SEC  | 315001  |   | -  | -  | -  | -  | 0  | 6   | -                        | -                        | -                        | -  | -                        | -   | -  | 75#   | 30  | 75   | 30   |                      |
| E COURSE- I ( ELE                                      | CTIVE COUR   | SE-I) An   | y - 1   | !   |  |  |  | !  | !  | !   | !                        |                          |                          |  |                          |   |  |   |   |  |  | -                    |
| IIN EFFICIENT RESERVED                                 | C HEALTH REERING  RPRENEURSHIP LOPMENT AND RUPS RIAR AND CT INITIATION SE  NSHIP(12 S) | C HEALTH DEERING  RPRENEURSHIP LOPMENT AND DUPS  DIAR AND CT INITIATION SE  NSHIP(12 S)  ITR | C HEALTH DEERING PHE DSC  RPRENEURSHIP LOPMENT AND DEDS DEEP DEEP DEEP DEEP DEEP DEEP DEE | After Locking Scheme  C HEALTH JEERING  C HEALTH JEERING  PHE  DSC  Created After Locking Scheme  RPRENEURSHIP LOPMENT AND EDS AEC 315302  UPS  JAR AND CT INITIATION SPI AEC 315002  SEE  NSHIP(12  JTP SEC 315001 | After Locking Scheme  C HEALTH JEERING  PHE DSC Course Code Will be Created After Locking Scheme  RPRENEURSHIP LOPMENT AND EDS AEC 315302  JUPS JAR AND CT INITIATION SPI AEC 315002  SE NSHIP(12 S) ITR SEC 315001  COURSE-I (ELECTIVE COURSE-I ) Any - 1 | After Locking Scheme  C HEALTH REERING  PHE  DSC  Course Code Will be Created After Locking Scheme  RPRENEURSHIP LOPMENT AND EDS AEC 315302  IAR AND CT INITIATION SPI  AEC 315002  - COURSE-I (ELECTIVE COURSE-I) Any - 1 | After Locking Scheme  C HEALTH JEERING  PHE DSC Course Code Will be Created After Locking Scheme  RPRENEURSHIP LOPMENT AND EDS AEC 315302 1 - TUPS  JAR AND CT INITIATION SPI AEC 315002 SE NSHIP(12 S) ITR SEC 315001  COURSE-I (ELECTIVE COURSE-I) Any - 1 | After   Locking   Scheme   | After   Locking   Scheme   Course   Code   Will be   Created   After   Locking   Scheme   Code   Will be   Created   After   Locking   Scheme   Code   Cod | After   Locking   Scheme   Course   Code   Will be   Created   After   Locking   Scheme   Code   Will be   Created   After   Locking   Scheme   Code   Code   Will be   Created   After   Locking   Scheme   Code   Code | After   Locking   Scheme | After   Locking   Scheme | After   Locking   Scheme | After   Locking   Scheme   C   C   C   C   C   C   C   C   C | After   Locking   Scheme | After Locking Scheme  C HEALTH REERING  PHE DSC Code Will be C Created After Locking Scheme  RPRENEURSHIP LOPMENT AND UPS  IAR AND CT INITIATION SPI AEC 315002 2 2 - 2 1 | After   Locking   Scheme   Course   Course   Code   Will be   Created   After   Locking   Scheme   Course   Code   Will be   Created   After   Locking   Scheme   Course   Code   Code   Will be   Created   After   Locking   Scheme   Code   Code | After Locking Scheme  C HEALTH PHE DSC Created After Locking Scheme  REPRENEURSHIP LOCKING Scheme  BOS AEC 315302 | After Locking Scheme  C HEALTH GEERING  PHE DSC Course Code Will be Created After Locking Scheme  RPRENEURSHIP LOPENTAND EDS AEC 315302 | After Locking Scheme  C HEALTH PHE DSC Course Code Will be Created After Locking Scheme  RPRENEURSHIP LOOKING Scheme  RPRENEURSHIP LOOKING SCHEME  AEC 315302  1 - 2 1 4 2 50 20 25@ 10  RAR AND CUPS  ITR SEC 315001  2 0 6 25 10 25@ 10  COURSE-I (ELECTIVE COURSE-1) Any -1 | After Locking Scheme  C HEALTH PHE DSC Code Will be Created After Locking Scheme  EPRENEURSHIP LOPMENT AND UPS  AEC 315302  1 - 2 1 4 2 50 20 25@ 10 25  IAR AND SEE REPRENEURSHIP SEE NSHIP[12 ST TTR SEC 315001  0 6 75# 30 75  COURSE-1 (ELECTIVE COURSE-1) Any - 1 | After Locking Scheme |

|     |  |              |        |  |                   |                 |                  |    | Sen                          | nester : Six                | <b>cth</b> |                   |           |           |       |     |       |         |      |     |               |     |    |
|-----|--|--------------|--------|--|-------------------|-----------------|------------------|----|------------------------------|-----------------------------|------------|-------------------|-----------|-----------|-------|-----|-------|---------|------|-----|---------------|-----|----|
|     |  |              |        |  |                   | Learning Scheme |                  |    |                              |                             |            | Assessmen         | t Schem   | ie        |       |     |       |         |      |     |               |     |    |
|     |  |              |        |  |                   |                 | ıal Coı<br>/Week |    | Self                         |                             |            |                   |           |           |       |     |       | l on LL | & TL |     | Based<br>Self |     |    |
|     |  |              |        |  | Total             |                 |                  |    | Learning                     |                             |            |                   | Theo      | ry        |       |     | Pract | ical    |      |     | Learn         | ing | 1  |
| Sr  |  |              | Course | Course   | IKS<br>Hrs<br>for |                 |                  |    | (Activity/ Assignment /Micro | Notional<br>Learning<br>Hrs |            | Paper<br>Duration | FA-<br>TH | SA-<br>TH | Total |     | FA-P  | R       | SA-P | R   | SLA           |     | То |
| No  | Course Title                             | Abbrevation  | Type   | Code   | Sem.              | CL              | TL               | LL | Project)                     | /Week                       | Credits    | (hrs.)            | Max       | Max       | Max   | Min | Max   | Min     | Max  | Min | Max           | Min | M  |
| Gen | eral ( GENERAL ) Co                      | mpulsory - 6 |        |  |                   |                 |                  |    |                              |                             |            |                   |           |           |       |     |       |         |      |     |               |     |    |
| 1   | MANAGEMENT                               | MAN          | VEC    | 316302   |                   | 3               | -                | -  | 1                            | 4                           | 2          | 1.5               | 30        | 70*#      | 100   | 40  | -     | -       | -    | -   | 25            | 10  | ]  |
| 2   | DESIGN OF<br>STEEL & RCC<br>STRUCTURES   | DSR          | DSC    | Course Code Will be Created After Locking Scheme |                   | 4               | 2                | 4  | 2                            | 12                          | 6          | 4                 | 30        | 70        | 100   | 40  | 25    | 10      | 25#  | 10  | 25            | 10  |    |
| 3   | MAINTENANCE<br>& REPAIRS OF<br>STRUCTURE | MRS          | DSC    | Course Code Will be Created After Locking Scheme |                   | 4               |                  | 2  |                              | 6                           | 3          | 3                 | 30        | 70        | 100   | 40  | 25    | 10      | -    | -   | -             | -   |    |
| 4   | CONTRACTS & ACCOUNTS                     | CAA          | DSC    | Course Code Will be Created After Locking Scheme |                   | 4               |                  | 2  | 2                            | 8                           | 4          | 3                 | 30        | 70        | 100   | 40  | 25    | 10      | -    | -   | 25            | 10  |    |
| 5   | CAPSTONE<br>PROJECT                      | СРЕ          | INP    | 316001   |                   | -               | -                | 4  | -                            | 4                           | 2          | -                 | -         | -         | -     | -   | 100   | 40      | 50#  | 20  | -             | -   |    |
| ELE | CCTIVE COURSE- II                        | (ANY ONE) A  | ny - 1 | 1  | 1                 |                 |                  |    | 1                            |                             |            | 1                 | 1         |           |       |     |       |         | 1    |     |               | 1   |    |
|     | SOLID WASTE<br>MANAGEMENT                | SWM          | DSE    | Course Code Will be Created After Locking Scheme |                   | 3               |                  | 2  | 1                            | 6                           | 3          | 3                 | 30        | 70        | 100   | 40  | 25    | 10      | 25#  | 10  | 25            | 10  |    |

| 6 | EARTHQUAKE<br>RESISTANT<br>BUILDING | ERB | DSE | Course Code Will be Created After Locking Scheme |  | 3  |   | 2  | 1 | 6  | 3  | 3 | 30  | 70  | 100 | 40 | 25  | 10 | 25# | 10 | 25  | 10 | 175 |
|---|-------------------------------------|-----|-----|--|--|----|---|----|---|----|----|---|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|
|   | BUILDING<br>SERVICES                | BSE | DSE | Course Code Will be Created After Locking Scheme |  | 3  |   | 2  | 1 | 6  | 3  | 3 | 30  | 70  | 100 | 40 | 25  | 10 | 25# | 10 | 25  | 10 | 175 |
|   | Total                               |     |     |  |  | 18 | 2 | 14 | 6 | 40 | 20 |   | 150 | 350 | 500 |    | 200 |    | 100 |    | 100 |    | 900 |

Abbreviations: CL- Classroom Learning, TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA - Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends: @ Internal Assessment, # External Assessment, \*# On Line Examination , @\$ Internal Online Examination

## Note:

- 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
- 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
- 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.\* 15 Weeks
- 5. 1 credit is equivalent to 30 Notional hrs.
- 6. \* Self learning hours shall not be reflected in the Time Table.

Course Category: Discipline Specific Course Core (DSC): 3, Discipline Specific Elective (DSE): 3, Value Education Course (VEC): 1, Intern./Apprenti./Project./Community (INP): 1, AbilityEnhancement Course (AEC): 0, Skill Enhancement Course (SEC): 0, Generic Elective (GE): 0