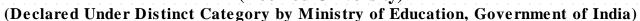
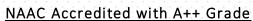


#### (Deemed University)







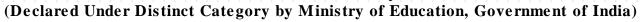


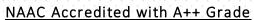
# Semester-Wise General Scheme Structure & Important Guidelines for Flexible Curriculum (Batch admitted in Academic Session 2025-26 onwards) Abbreviations Used

| <b>L</b> | Lecture   |
|----------|---|
| T        | Tutorial  |
| <b>P</b> | Practical   |
| HSMC     | Humanities and Social Sciences including Management Courses |
| BSC      | Basic Science Courses                                       |
| ESC      | Engineering Science Courses                                 |
| DC       | Departmental Core   |
| DE       | Departmental Elective                                       |
| SPC      | Specialization Courses                                      |
| OC       | Open Category   |
| DLC      | Departmental Laboratory Courses                             |
| MOOC     | Massive Open Online Course                                  |
| MWS      | Mandatory Workshop  |
| SP       | Semester Proficiency  |
| SIP      | Skill Internship Program                                    |
| SLP      | Self-learning Presentation                                  |
| PSC      | Professional Skills & Competencies                          |
| PDC      | Professional Development Component                          |
| PBL      | Project Based Learning                                      |
| PC       | Professional Certification                                  |
| MAC      | Mandatory Audit Course                                      |
| NEC      | Novel Engaging Course                                       |



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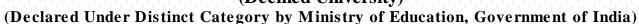


# Course Category wise Credit Distribution (Batch admitted in Academic Session 2025-26)

| Category<br>Code | Name of Course Category                                     | Total Credits allotted in Scheme | % Distribution of Credit |
|------------------|---|----------------------------------|--------------------------|
| HSMC             | Humanities and Social Sciences including Management Courses | 01                               | 1%                       |
| BSC              | Basic Science Courses                                       | 06                               | 4%                       |
| ESC              | Engineering Science Courses                                 | 06                               | 4%                       |
| DC               | Departmental Core   | 69                               | 42%                      |
| DE               | Departmental Elective                                       | 15                               | 10%                      |
| PSC              | Professional Skills & Competencies                          | 04                               | 3%                       |
| OC               | Open Category   | 08.                              | 5%                       |
| DLC              | Departmental Laboratory Courses                             | 14                               | 9%                       |
| MWS              | Mandatory Workshop  | Audit Course                     | Audit Course             |
| SP               | Semester Proficiency  | 06                               | 4%                       |
| SIP              | Skill Internship Program                                    | 04                               | 3%                       |
| SLP              | Self-learning Presentation                                  | 01                               | 1%                       |
| PDC              | Professional Development Component                          | 02                               | 1%                       |
| PBL              | Project Based Learning                                      | 18                               | 11%                      |
| PC               | Professional Certification                                  | 01                               | 1%                       |
| MAC              | Mandatory Audit Course                                      | Audit Course                     | Audit Course             |
| NEC              | Novel Engaging Course                                       | 04                               | 3%                       |
| SEP              | Skill Enhancement Program                                   | 01                               | 1%                       |



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# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. I Semester (Civil Engineering)

(for batch admitted in academic session 2025-26

|        |                |                  |  |                          | M                         | aximum N           | Marks Allo | tted                       |            |                | Con                  | tact H | ours                 |                  |                        |          |                                       |
|--------|----------------|------------------|--|--------------------------|---------------------------|--------------------|------------|----------------------------|------------|----------------|----------------------|--------|----------------------|------------------|------------------------|----------|---------------------------------------|
|        |                |                  |  |                          | Theory                    | Block              |            | Practical                  | Block      |                | . p                  | er wee | k                    |                  | N / 1 - 1 - 1          | M-1.     | D                                     |
| S. No. | Course<br>Code | Category<br>Code | Course Name  | Contir                   | uous Evalı                | uation             | Major      | Continuous<br>Evaluation   | . Major    | Total<br>Marks |                      |        |                      | Total<br>Credits | Mode<br>of<br>Learning | of Major | Duration of<br>Major<br>Evaluation    |
|        |                |                  |  | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignmen | Evaluation | Lab Work<br>&<br>Sessional | Evaluation |                | L                    | .T.    | . P                  |                  |                        |          |                                       |
| 1.     | 11251101       | DC               | Civil Engineering Materials & Construction           | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 3                    |        | ] - <del>-</del> - [ | 3                | Face to Face           | MCQ      | 2 Hrs                                 |
| 2.     | 11251102       | ESC              | Computer Programming                                 | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 2                    | 1-1    | : i <del>-</del> i : | 2                | Face to Face           | MCQ      | 2 Hrs                                 |
| 3.     | 11251103       | DC               | Engineering Mechanics                                | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 2                    | .1     | - [-]-               | 3                | Face to Face           | MCQ      | 2 Hrs                                 |
| 4.     | 11251104       | DC               | Building Design & Drawing                            | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 2                    | 1      | . · <del>.</del> · . | 3                | Face to Face           | MCQ      | 2 Hrs                                 |
| 5.     | 11251105       | ESC              | Basic Electrical & Electronics Engineering           | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 2                    |        | · . <del>-</del> . · | 2                | Face to Face           | MCQ      | 2 Hrs                                 |
| 6.     | 11251106       | DLC              | Computer Programming Lab                             | -                        | -                         | -                  | -          | 70                         | 30         | 100            |                      |        | 2                    | 1                | Experimental           | AO       | : : : : <del>:</del> : : : : :        |
| 7.     | 11251107       | DLC              | Electrical & Electronics Engineering Lab             | -                        | -                         | -                  | -          | 70                         | 30         | 100            | - : - : -            |        | 2                    | 1                | Experimental           | AO       |                                       |
| 8.     | 11251108       | SP               | Se mester Proficiency <sup>\$</sup>                  | -                        | -                         | -                  | -          | 50                         | -          | 50             |                      |        | 2                    | 1                | Face to Face           | SO       | · · · · · · · · · · · · · · · · · · · |
| 9.     | 11251109       | PBL              | Micro Project-I <sup>#</sup>                         | -                        | -                         | -                  | -          | 70                         | 30         | 100            | · . <del>-</del> . · |        | 2                    | 1                | Experiential           | SO       | - : - : - : · : ·                     |
| 10.    | 11251110       | ESC              | Engineering Chemistry Lab <sup>\$\$</sup>            | -                        | -                         | -                  | -          | 70                         | 30         | 100            | - 1 - 1 -            | :      | 2                    | 1                | Experimental           | AO       |                                       |
| 11.    | NECXXXXX       | NEC              | Novel Engaging Course (Activity Based Learning)      | -                        | -                         | -                  | -          | 50                         | -          | 50             |                      | 1      |                      | 1                | Interactive            | SO       | <del>.</del>                          |
|        |                |                  | Total  | 125                      | 125                       | 100                | 150        | 380                        | 120        | 1000           | 11                   | 03     | 10                   | 19               | -                      | -        | -                                     |
| 12.    | 11251111       | MAC              | Universal Human Values & Professional Ethics (UHVPE) | 25                       | 25                        | 20                 | 30         | -                          | -          | 100            | 2                    |        | :                    | GRADE            | Blended                | MCQ      | 1.5 Hrs                               |
| 13.    | 11251112       | MWS              | Mandatory Workshop on Report Writing at Department   | nt Level                 |                           |                    |            |                            |            |                |                      |        |                      | GRADE            | Interactive            | MCQ      |                                       |
| 14.    | 11251113       | MWS              | Mandatory Workshop on Indian Constitution and Cult   | ural Values at           | Department                | Level              |            |                            |            |                | - : - : -            |        |                      | GRADE            | Interactive            | MCQ      | - : - : <del>-</del> : - : - :        |

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept/Branch & Innovations.

Skill Internship Program (Soft Skill): Minimum 45 hours duration: To be credited in II Semester.

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Boo

\*Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

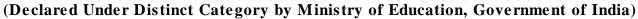
|   | HSMC | BSC | ESC | DC | DE | SPC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | MAC | MWS |
|---|------|-----|-----|----|----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|
| • | 0    | 0   | 3   | 3  | 0  | 0   | 0  | 2   | 1   | 1  | 0   | 0   | 0   | 1   | 1   | 2   |

|     |              |        | Mode o      | of Learning  |              |              |    |     | Mode   | e of Examina | tion   |       |       | Total            |
|-----|--------------|--------|-------------|--------------|--------------|--------------|----|-----|--------|--------------|--------|-------|-------|------------------|
|     | Theor        | y      | NEC         |              | Lab          |              |    | The | ory    |              | La     | ab    | NEC   | Total<br>Credits |
|     | Face to Face | Online | Interactive | Face to Face | Experiential | Experimental | PP | AO  | MCQ    | OB           | SO     | AO    | SO    | Credits          |
|     | 13           |        | 1           | 1            | 1            | 3            |    |     | 13     |              | 2      | 3     | 1     | 19               |
| . [ | 68.42%       |        | 5.26%       | 5.26%        | 5.26%        | 15.8%        |    |     | 68.42% |              | 10.52% | 15.8% | 5.26% | Credits %        |

<sup>\$</sup>Semester Proficiency—includes the weightage towards ability/skill/competency/knowledge level/expertise attained etc. in the semester courses.



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# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. II Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|        |                |                  |   |                          | M                         | aximum N            | Marks Allo  | otted                      |              |                | Con       | tact H             | lours       |                  |                |            |   |
|--------|----------------|------------------|---|--------------------------|---------------------------|---------------------|-------------|----------------------------|--------------|----------------|-----------|--------------------|-------------|------------------|----------------|------------|---|
|        |                |                  |   |                          | Theory                    | Block               |             | Practical                  | Block        |                | p         | er we              | e k         |                  | Mode           | Mode       | Duration of                             |
| S. No. | Course<br>Code | Category<br>Code | Course Name                                     | Conti                    | nuous Evalı               | uation              | - Major     | Continuous<br>Evaluation   | Major        | Total<br>Marks |           |                    |             | Total<br>Credits | of<br>Learning | of Major   | Major<br>Evaluation                     |
|        |                |                  |   | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment |             | Lab Work<br>&<br>Sessional | Evaluation   |                | L         | Т                  | P           |                  | Learning       | Evaluation | Evaluation                              |
| 1.     | 11251201       | DC               | Surveying                                       | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 3         |                    |             | 3                | Face to Face   | MCQ        | 2 Hrs                                   |
| 2.     | 11251202       | DC               | Strength of Material                            | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2         | 1.                 | - 1- 1      | 3                | Face to Face   | MCQ        | 2 Hrs                                   |
| 3.     | 11251203       | DC               | Concrete Technology                             | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2         | 1.                 |             | 3                | Face to Face   | MCQ        | 2 Hrs                                   |
| 4.     | 11251204       | DC               | Fluid Mechanics – I                             | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2         | 1                  |             | 3                | Face to Face   | MCQ        | 2 Hrs                                   |
| 5.     | 11251205       | BSC              | Matrices & Calculus                             | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 3         | : <del>-</del> : : | 1:5         | 3                | Face to Face   | MCQ        | 2 Hrs                                   |
| 6.     | 11251206       | DLC              | Building Materials & Construction Lab           | -                        | -                         | -                   | -           | 70                         | 30           | 100            |           | - : - :            | 2           | 1                | Experimental   | AO         |   |
| 7.     | 11251207       | DLC              | Problem Solving through Python Programming      | -                        | -                         | -                   | -           | 70                         | 30           | 100            | 1         | - : :              | 2           | 1                | Experimental   | AO         | · <del>.</del>                          |
| 8.     | 11251208       | SP               | Semester Proficiency <sup>\$</sup>              | -                        | -                         | -                   | -           | 50                         | -            | 50             | 7         |                    | 2           | 1                | Face to Face   | SO         | - : - : - : - : - : - : : : : : : : : : |
| 9.     | 11251209       | PBL              | Micro Project-II <sup>#</sup>                   | -                        | -                         | -                   | -           | 70                         | 30           | 100            | . :- : .  | - 3- 3             | 2           | 1                | Experiential   | SO         | -:-:-                                   |
| 10.    | 11251210       | ESC              | Engineering Physics Lab <sup>\$\$</sup>         | -                        | -                         | -                   | -           | 70                         | 30           | 100            | -         | :: ·               | 2           | 1                | Experimental   | AO         | <del>.</del>                            |
| 11.    | 11251211       | HSMC             | Language Lab                                    | -                        | -                         | -                   | -           | 70                         | 30           | 100            |           | - : - :            | 2           | 1                | Blended        | AO         |   |
| 12. N  | ECXXXXX        | NEC              | Novel Engaging Course (Activity Based Learning) | -                        | -                         | -                   | -           | 50                         | -            | 50             |           | . 1.               | - : - : :   | 1                | Interactive    | SO         | · · · · · <del>·</del> · · · · ·        |
| 13. S  | SIP1XXXX       | SIP              | Skill Internship Program (Soft Skills)          | -                        | -                         | -                   | -           | 60                         | -            | 60             |           |                    | - 1- 1      | 2**              | Experiential   | SO         | : : : : <del>:</del> : : : :            |
|        |                |                  | Total   | 125                      | 125                       | 100                 | 150         | 510                        | 150          | 1160           | 12        | 04                 | 12          | 24               | -              | -          | -                                       |
| 14.    | 11251212       | MAC              | Sustainability & Environmental Science          | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2         | 1-1-               |             | GRADE            | Blended        | MCQ        | 1.5 Hrs                                 |
|        | 11251213       | MWS              | Mandatory Workshop on Indian Knowledge System   | at Departmen             | nt Level                  |                     |             |                            |              |                | - : - : - |                    | - : - : - : | GRADE            | Interactive    | MCQ        | -:-:-                                   |
| 16.    | 11251214       | MWS              | Mandatory Workshop on Career Planning & Goal So |                          |                           |                     |             |                            |              |                |           | • : • : •          |             | <b>GRADE</b>     | Interactive    | MCQ        | <del>-</del>                            |
|        |                |                  | Summer Semester of s                            | six-eight we             | eeks durati               | on will be o        | conducted f | or makeup o                | f I & II sem | ester exa      | mina      | tion.              |             |                  |                |            |   |

Semester Proficiency – includes the weightage towards ability/skill/competency/knowledge level/expertise attained etc. in the semester courses

MCQ: Multiple Choice Question

AO: Assignment + Oral

PP: Pen Paper

**SO:** Submission + Oral

<sup>#</sup>Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.

| HSMC  | BSC | ESC | DC | DE | SPC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | MAC | MWS |
|-------|-----|-----|----|----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|
| <br>1 | 1   | 1   | 4  | 0  | 0   | 0  | 2   | 1   | 1  | 1   | 0   |     | 1   | 1   | 2   |

| . " |              |        |             | Mode of Learni | ing     |              |              |    |     | Mode  | of Examina | tion   |        |       | TF: 4 - 1        |
|-----|--------------|--------|-------------|----------------|---------|--------------|--------------|----|-----|-------|------------|--------|--------|-------|------------------|
| - ] | Theory       | 7      | NEC         |                | ]       | Lab          |              |    | The | ory   |            | La     | ab     | NEC   | Total<br>Credits |
| - [ | Face to Face | Online | Interactive | Face to Face   | Blended | Experiential | Experimental | PP | AO  | MCQ   | OB         | so     | AO     | SO    | Credits          |
|     | 15           |        | 1           | 1              | 1       | 3            | 3            |    |     | 15    |            | 4      | 4      | 1     | 24               |
|     | 62.5%        |        | 4.17%       | 4.17%          | 4.17%   | 12.5%        | 12.5%        |    |     | 62.5% |            | 16.67% | 16.67% | 4.17% | Credits %        |

<sup>\*\*</sup> These credits will be transferred from Skill Internship Program (Soft Skills).



(Deemed University)

(Declared Under Distinct Category by Ministry of Education, Government of India)



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# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. III Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|       |                |                  |  |                          | N                         | laximum M           | Iarks Allot | ted                        |              |                | Con                    | tact H      | ours                 |                  |                     |          |   |
|-------|----------------|------------------|--|--------------------------|---------------------------|---------------------|-------------|----------------------------|--------------|----------------|------------------------|-------------|----------------------|------------------|---------------------|----------|---|
|       |                |                  |  |                          | Theory                    | y Block             |             | Practical                  | Block        |                | pe                     | er we       | ek                   |                  |                     | Mode     | Duration of                             |
| S. No | Course<br>Code | Category<br>Code | Course Name  | Cont                     | inuous Eval               | uation              | Major       | Continuous<br>Evaluation   | Major        | Total<br>Marks |                        |             |                      | Total<br>Credits | Mode<br>of Learning | of Major | Major<br>Evaluation                     |
|       |                |                  |  | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment | Evaluation  | Lab Work<br>&<br>Sessional | Evaluation   |                | L                      | T           | P                    |                  |                     |          |   |
| 1,    | 11252101       | BSC              | Transforms & Vector Calculus                                     | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 3                      | -           |                      | 3                | Face to Face        | MCQ      | 2 Hrs                                   |
| 2.    | 11252102       | DC               | Data Structures  | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2                      | 1           | · · <del>·</del> · · | 3                | Face to Face        | MCQ      | 2 Hrs                                   |
| 3.    | .11252103      | DC               | Fluid Mechanics – II   | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2                      | . 1.        |                      | 3                | Face to Face        | MCQ      | 2 Hrs                                   |
| 4.    | 11252104       | DC               | Geotechnical Engineering – I                                     | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2                      | 1           | - : - : -            | 3                | Face to Face        | MCQ      | 2 Hrs                                   |
| 5.    | 11252105       | DC               | Structural Analysis – I  | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2                      | 1           | : - <del>-</del> - : | 3                | Face to Face        | MCQ      | 2 Hrs                                   |
| 6.    | 11252106       | DLC              | Fluid Mechanics Lab  | -                        | -                         | -                   | -           | 70                         | 30           | 100            | <del>.</del>           | -           | 2                    | 1                | Experimental        | AO       | · · · · · · · · · · · · · · · · · · ·   |
| 7.    | 11252107       | DLC              | Survey Practice Lab  | -                        | -                         | -                   | -           | 70                         | 30           | 100            | 14.1                   |             | 2                    | 1                | Experimental        | SO       | · · · · · · · · · · · · · · · · · · ·   |
| 8.    | 11252108       | SP               | Semester Proficiency <sup>\$</sup>                               | -                        | -                         | -                   | -           | 50                         | -            | 50             | - : - : -              |             | 2                    | 1                | Face to Face        | SO       | - : · : - : · · · · · · · · · · · · · · |
| 9.    | 11252109       | PBL              | Macro Project-I#   | -                        | -                         | -                   | -           | 70                         | 30           | 100            | . · <del>. ·</del> · : |             | 2                    | 1                | Experiential        | SO       | · · · · · · · · · · · · · · · · · · ·   |
| 10.   | 11252110       | SLP              | Self-learning/Presentation <sup>SSS</sup><br>(SWAYAM/NPTEL/MOOC) | -                        | -                         | -                   | -           | 40                         | -            | 40             |                        |             | 2                    | 1                | Mentoring           | SO       |   |
| 11.   | NECXXXXX       | NEC              | Novel Engaging Course (Activity Based Learning)                  | -                        | -                         | -                   | -           | 50                         | -            | 50             |                        | 1           |                      | 1                | Interactive         | SO       | -                                       |
|       |                |                  | Total  | 125                      | 125                       | 100                 | 150         | 350                        | 90           | 940            | 11                     | 05          | 10                   | 21               | -                   | -        | -                                       |
| 12.   | 11252111       | MAC              | CyberSecurity  | 25                       | 25                        | 20                  | 30          | -                          | -            | 100            | 2                      |             | : - <del>:</del> - : | GRADE            | Blended             | MCQ      | 1.5 Hrs                                 |
| 13.   | 11252112       | MWS              | Mandatory Workshop on Mastering Competitive Suc                  | ccess at Depa            | rtment Level              |                     |             |                            |              |                |                        | - : - : - : |                      | GRADE            | Interactive         | MCQ      | · · · · · · · · · · · · · · · · · · ·   |
|       |                |                  | Skill Internship Program   | (Institute I             | Level) (Qua               | lifier): Mini       | mum 30 ho   | urs duration               | : To be cree | dited in       | IVS                    | emest       | er                   |                  |                     |          |   |

Semester Proficiency – includes the weightage towards ability/skill/competency/knowledge level/expertise attained etc. in the semester courses

MCQ: Multiple Choice Question

**AO:** Assignment + Oral

**PP:** Pen Paper **SO:** Submission + Oral

<sup>555</sup> Compulsory registration for one online course using SWAYAM/NPTEL/MOOC, evaluation through attendance and presentation.

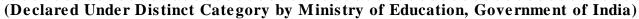
| . • | HSMC | BSC | ESC | DC | DE | SPC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | MAC | MWS |
|-----|------|-----|-----|----|----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|
|     | 0    | 1   | 0   | 4  | 0  | 0   | 0  | 2   | 1   | 1  | 0   | 1   | 0   | 1   | 1   | 1   |

| ٠,  |              |   |       | Mode of Learn | ning  |       |      |    |     | Mode  | of Examina | tion |       |       | T-4-1            |
|-----|--------------|---|-------|---------------|-------|-------|------|----|-----|-------|------------|------|-------|-------|------------------|
|     | Theory       | 7 | NEC   |               | L     | ab    |      |    | The | ory   |            | La   | ıb    | NEC   | Total<br>Credits |
| . ' | Face to Face |   |       |               |       |       |      | PP | AO  | MCQ   | OB         | SO   | AO    | so    | Credits          |
| - ' | 15           |   | 1     | 1             | 1     | 1     | 2    |    |     | 15    |            | 4    | 1     | 1     | 21               |
| - ] | 71.5%        |   | 4.76% | 4.76%         | 4.76% | 4.76% | 9.5% |    |     | 71.5% |            | 19%  | 4.76% | 4.76% | Credits %        |

Macro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.



(Deemed University)





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# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. IV Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|        |                |                  |  |                          | M                         | aximum I            | Marks Allo                 | otted                    |                     |                | Con                  | tact H | ours                 |                  |                |          |                                       |
|--------|----------------|------------------|--|--------------------------|---------------------------|---------------------|----------------------------|--------------------------|---------------------|----------------|----------------------|--------|----------------------|------------------|----------------|----------|---------------------------------------|
|        |                |                  |  |                          | Theory                    | Block               |                            | Practical 1              | Block               |                | po                   | er wee | k                    |                  | Mode           | Mode     | Duration of                           |
| S. No. | Course<br>Code | Category<br>Code | Course Name  | Contin                   | uous Evalu                | ation               | Maian                      | Continuous<br>Evaluation | Maion               | Total<br>Marks |                      |        |                      | Total<br>Credits | of<br>Learning | of Major | Major<br>Evaluation                   |
|        |                |                  |  | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment | Major<br>Evaluation        | Lab Work &<br>Sessional  | Major<br>Evaluation |                | L                    | T .    | P.                   |                  |                |          |                                       |
| 1.     | 11252201       | DC               | Transportation Engineering – I                     | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 2                    | 1      |                      | 3                | Face to Face   | MCQ      | 2 Hrs                                 |
| 2.     | 11252202       | DC               | Water Supply Engineering                           | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 2                    | 1      |                      | 3                | Face to Face   | MCQ      | 2 Hrs                                 |
| 3.     | 11252203       | DC               | Estimating Costing & Contracting                   | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 2                    | 1      |                      | 3                | Face to Face   | MCQ      | 2 Hrs                                 |
| 4.     | 11252204       | DC               | Geotechnical Engineering – II                      | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 2                    | - 1-   | : - <del>:</del> - : | 3                | Face to Face   | MCQ      | 2 Hrs                                 |
| 5.     | 11252205       | DC               | Structural Analysis - II                           | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 3                    |        |                      | 3                | Face to Face   | MCQ      | 2 Hrs                                 |
| 6.     | 11252206       | DLC              | Transportation Engineering Lab                     | -                        | -                         | -                   | -                          | 70                       | 30                  | 100            | . <del>-</del> . * . |        | 2                    | 1                | Experimental   | AO       |                                       |
| 7.     | 11252207       | DLC              | Geotechnical Engineering Lab                       | -                        | -                         | -                   | -                          | 70                       | 30                  | 100            | 77                   |        | 2                    | 1                | Experimental   | AO       | · · · · · <del>·</del> · · · · ·      |
| 8.     | 11252208       | DLC              | Civil Engineering Drawing Lab                      | -                        | -                         | -                   | -                          | 70                       | 30                  | 100            |                      |        | 2                    | 1                | Experimental   | SO       |                                       |
| 9.     | 11252209       | SP               | Semester Proficiency <sup>\$</sup>                 | -                        | -                         | -                   | -                          | 50                       | -                   | 50             | - 1                  |        | 2                    | 1                | Face to Face   | SO       |                                       |
| 10.    | 11252210       | PBL              | Macro Project-II <sup>#</sup>                      | -                        | -                         | -                   | -                          | 70                       | 30                  | 100            |                      |        | 2                    | 1                | Experiential   | SO       |                                       |
| 11.    | NECXXXXX       | NEC              | Novel Engaging Course (Activity Based Learning)    | -                        | -                         | -                   | -                          | 50                       | -                   | 50             | - 1 - 1              | 1      | . · <del>.</del> · . | 1                | Interactive    | SO       |                                       |
| 12.    | SIP3XXXX       | SIP              | Skill Internship Program (Institute Level)         | -                        | -                         | -                   | -                          | 60                       | -                   | 60             |                      |        | · ·                  | 2**              | Experiential   | SO       |                                       |
|        |                |                  | Total  | 125                      | 125                       | 100                 | 150                        | 440                      | 120                 | 1060           | 11                   | 05     | 10                   | 23               |                | -        | -                                     |
| 13.    | 11252211       | MAC              | Project Management, Economics & Financing          | 25                       | 25                        | 20                  | 30                         | -                        | -                   | 100            | 2                    |        | - (-)                | GRADE            | Blended        | MCQ      | 1.5 Hrs                               |
| 14.    | 11252212       | MWS              | Mandatory Workshop on Writing Research Articles:   | Idea to Publi            | cation at Depa            | artment Leve        | l : - : - <u>:</u> - : : - |                          |                     |                |                      |        |                      | GRADE            | Interactive    | MCQ      |                                       |
| 15.    | 11252213       | MWS              | Mandatory Workshop on Intellectual Property Rights | s at Departme            | nt Level                  |                     |                            |                          |                     | - : - : - : -  |                      |        |                      | GRADE            | Interactive    | MCQ      | · · · · · · · · · · · · · · · · · · · |

Summer Semester of six-eight weeks duration will be conducted for makeup of previous semester examination.

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

**OB:** Open Book

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral

<sup>\*\*</sup> These credits will be transferred from Skill Internship Program (Institute Level).

| BSC   | ESC | DC | DE | SPC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | MAC | MWS |
|-------|-----|----|----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|
| <br>0 | 0   | 5  | 0  | 0   | 0  | 3   | 1   | 1  | 1   | 0   | 0   | 1   | 1   | 2   |

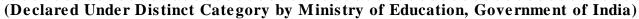
| - ] |              |        |             | Mode of Learni | ing     |              |              |    |     | Mode  | of Examina | tion   |       |       | Total            |
|-----|--------------|--------|-------------|----------------|---------|--------------|--------------|----|-----|-------|------------|--------|-------|-------|------------------|
|     | Theory       | 7      | NEC         |                | ]       | Lab          |              |    | The | ory   |            | La     | ab    | NEC   | Total<br>Credits |
|     | Face to Face | Online | Interactive | Face to Face   | Blended | Experiential | Experimental | PP | AO  | MCQ   | OB         | SO     | AO    | SO    | Credits          |
|     | 15           |        | 1           | 1              |         | 3            | 3            |    |     | 15    |            | 5      | 2     | 1     | 23               |
| - " | 65.2%        |        | 4.35%       | 4.35%          |         | 13.05%       | 13.05%       |    |     | 65.2% |            | 21.74% | 8.71% | 4.35% | Credits %        |

Semester Proficiency – includes the weightage towards ability/skill/competency/knowledge level/expertise attained etc. in the semester courses

<sup>#</sup> Macro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.



(Deemed University)





NAAC Accredited with A++ Grade

# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. V Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|        |                |                  |   |                          |                           | Ma                  | aximum M    | larks Allotte              | ed           |              |         |                | Con       | tact H  | ours                 |                  |                |          |   |
|--------|----------------|------------------|---|--------------------------|---------------------------|---------------------|-------------|----------------------------|--------------|--------------|---------|----------------|-----------|---------|----------------------|------------------|----------------|----------|---|
|        |                |                  |   |                          | Theory                    | Block               |             | Practical                  | Block        | MOOO         | Cs      |                | pe        | er wee  | k                    |                  | Mode           | Mode     | Duration of                             |
| S. No. | Course<br>Code | Category<br>Code | Course Name                               | Conti                    | nuous Eval                | uation              | - Major     | Continuous<br>Evaluation   | - Major      |              |         | Total<br>Marks |           |         |                      | Total<br>Credits | of<br>Learning | of Major | Major<br>Evaluation                     |
|        |                |                  |   | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment | -           | Lab Work<br>&<br>Sessional | Evaluation   | Assignment   | Exam    |                | L         | Т       | P                    |                  |                |          |   |
| 1.     | 11253101       | DC               | Waste Water Engineering                   | 25                       | 25                        | 20                  | 30          | -                          | -            | -            | -       | 100            | 2         | 1       | : - <del>-</del> - : | 3                | Face to Face   | MCQ      | 2 Hrs                                   |
| 2.     | 11253102       | DC               | Structural Design & Drawing (RCC)         | 25                       | 25                        | 20                  | 30          | -                          | -            | -            | -       | 100            | 2         | 1.      | : -: :               | 3                | Face to Face   | MCQ      | 2 Hrs                                   |
| 3.     | 11253103       | DC               | Data Science                              | 25                       | 25                        | 20                  | 30          | -                          | -            | -            | -       | 100            | 2         | 1       | : - <del>:</del> - : | 3                | Face to Face   | MCQ      | 2 Hrs                                   |
| 4.     | 11253104       | DC               | Transportation Engineering - II           | 25                       | 25                        | 20                  | 30          | -                          | -            | -            | -       | 100            | 2         | 1       | - [ - ] -            | 3                | Face to Face   | MCQ      | 2 Hrs                                   |
| 5.     | 112531XX       | DE               | Departmental Elective* (DE-1)             | -                        | -                         | -                   | -           | -                          | -            | 25           | 75      | 100            | 3         | - 3- 1- | ] - <del>-</del> - [ | 3                | Online         | MCQ      | 3 Hrs                                   |
| 6.     | 11253105       | DLC              | Environmental Lab                         | -                        | -                         | -                   | -           | 70                         | 30           | -            | -       | 100            | . 1 - 1 . | . '     | 2                    | 1                | Experimental   | AO       |   |
| 7.     | 11253106       | DLC              | Data Science Lab                          | -                        | -                         | -                   | -           | 70                         | 30           | -            | -       | 100            | 3-3-0     | 133     | 2                    | 1                | Experimental   | AO       | <del>.</del>                            |
| 8.     | 11253107       | SP               | Semester Proficiency <sup>\$</sup>        | -                        | -                         | -                   | -           | 50                         | -            | -            | -       | 50             | - 1 - 1 - | - :- :- | 2                    | 1                | Face to Face   | SO       | - : - : - : - : - : - : - : - : - : - : |
| 9.     | 11253108       | PSC              | Professional Skills &<br>Competencies - I | -                        | -                         | 1                   | -           | 70                         | 30           | -            | -       | 100            |           |         | 4                    | 2                | Face to Face   | MCQ      | 2Hrs                                    |
| 10.    | 11253109       | PBL              | Cornerstone Project                       | -                        | -                         | 1                   | -           | 70                         | 30           | -            | -       | 100            | - [ - [ - |         | 4                    | 2                | Experiential   | SO       |   |
|        |                | 7                | Total (                                   | 100                      | 100                       | 80                  | 120         | 330                        | 120          | 25           | 75      | 950            | 11        | 04      | 14                   | 22               | •              | -        | -                                       |
| 11.    | 11253110       | MAC              | Supply Chain Management                   | 25                       | 25                        | 20                  | 30          | 1                          | -            |              |         | 100            | 2         |         |                      | GRADE            | Blended        | MCQ      | 1.5 Hrs                                 |
| 12.    | 11253111       | MWS              | Mandatory Workshop on Internshi           | ips: Explore,            | Apply and Ex              | cel at Depart       | ment Level  |                            |              |              |         |                | - : - : - |         |                      | GRADE            | Interactive    | MCQ      |   |
|        |                |                  | Additional Course for I                   | Honours or               | Minor Deg                 | ree: Permi          | tted to opt | for maximun                | n two additi | onal courses | for the | award          | of Ho     | nours   | or M                 | inor Deg         | ree            |          |   |

Semester Proficiency- includes the weightage towards ability/ skill/ competency/knowledge level /expertise attained etc. in the semester courses

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

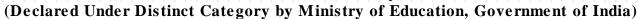
\* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

|   | BSC | ES C | DC | DE | OC | DLC | NEC | SP | SIP | SLP  | PDC | PSC | PBL | MAC | MWS |
|---|-----|------|----|----|----|-----|-----|----|-----|------|-----|-----|-----|-----|-----|
| 1 |     | 0    | 4  | 1  | 0  | 2   | 0   | 1  |     | 0.00 | 0   |     | 1   | 1   | 1   |

| ۰   |              |        | Mode of Learni | ng           |              |    |     | Mode  | of Examina | tion  |      |      | Total     |
|-----|--------------|--------|----------------|--------------|--------------|----|-----|-------|------------|-------|------|------|-----------|
| ٠.  | Theory       | 7      |                | Lab          |              |    | The | eory  |            |       | Lab  |      | Credits   |
|     | Face to Face | Online | Face to Face   | Experiential | Experimental | PP | AO  | MCQ   | OB         | SO    | MCQ  | AO   |           |
|     | 12           | 3      | 3              | 2            | 2            |    |     | 15    |            | 3     | 2    | 2    | 22        |
| , ' | 54.6%        | 13.6%  | 13.6%          | 9.1%         | 9.1%         |    |     | 68.1% |            | 13.6% | 9.1% | 9.1% | Credits % |



(Deemed University)





NAAC Accredited with A++ Grade

# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. VI Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|                |  |  |   |                           | Max          | ximum Ma        | rks Allotte             | ed          |            |             |  | Con   | tact H   | ours   |  |  |  |                                  |
|----------------|--|--|---|---------------------------|--------------|-----------------|-------------------------|-------------|------------|-------------|--|---|--|--|--|--|--|----------------------------------|
|                | - : - : - : - :  |  |   | Theory                    | Block        |                 | Practica                | Block       | MOO        | Cs          |  | , pe  | r wee  | ek.  |  |  |  |                                  |
| Course<br>Code | Category<br>Code   | Course Name  | Conti                                   | nuous Evalu               | ıation       | Major           |                         |             |            |             | Total<br>Marks   |   |  |  | Total<br>Credits   | Mode<br>of   | of Major   | Duration of<br>Major             |
|                |  |  | Minor<br>Evaluation<br>I                | Minor<br>Evaluation<br>II |              | Evaluation      | Lab Work &<br>Sessional |             | Assignment | Exam        |  | L   | Т  | <b>P</b>   |  | Learning   | Evaluation   | Evaluation                       |
| 11253201       | DC DC  | Engineering Hydrology & Irrigation   | 25                                      | 25                        | 20           | 30              | -                       | -           | -          | 1           | 100  | 2 .   | . 1.   | · ·  | 3  | Face to Face   | MCQ  | 2 Hrs                            |
| 11253202       | DC   | Structural Design & Drawing (Steel)  | 25                                      | 25                        | 20           | 30              | -                       | -           | -          | -           | 100  | 2   | 1  |  | 3  | Face to Face   | MCQ  | 2 Hrs                            |
| 11253203       | DC   | Artificial Intelligence & Machine Learning   | 25                                      | 25                        | 20           | 30              | -                       | -           | -          | - 1         | 100  | 3   |  |  | 3  | Face to Face   | MCQ  | 2 Hrs                            |
| 112532XX       | DE   | Departmental Elective* (DE-2)  | -                                       | -                         | -            | -               | -                       | -           | 25         | 75          | 100  | 3   |  | : · <del>-</del> · :   | 3  | Online   | MCQ  | 3 Hrs                            |
| 112532XX       | OC   | Open Category Course (OC-1)  | 25                                      | 25                        | 20           | 30              | -                       | -           | -          | -           | 100  | 2   | 1  | - 2  | 3  | Face to Face   | MCQ  | 2 Hrs                            |
| 11253204       | DLC  | Structure Engineering Lab  | -                                       | -                         | -            | -               | 70                      | 30          | -          | -           | 100  | - 1 - 1 -   |  | 2  | 1  | Experimental   | AO   |                                  |
| 11253205       | DLC  | Artificial Intelligence & Machine<br>Learning Lab  | -                                       | 1                         | -            | -               | 70                      | 30          | -          | - 1         | 100  |   |  | 2  | 1  | Experimental   | AO   |                                  |
| 11253206       | SP   | Semester Proficiency <sup>\$</sup>   | -                                       | -                         | -            | -               | 50                      | -           | -          | -           | 50   | - 1 - 1   |  | 2  | 1  | Face to Face   | SO   | · . · . · <del>-</del> . · . · . |
| 11253207       | PC   | Professional Certification   | -                                       | -                         | -            | -               | 50                      | -           |            |             | 50   | . " - " . "   | . ' '  | 2  | 1  | Blended  | SO   |                                  |
| 11253208       | PSC  | Professional Skills &<br>Competencies - II   | -                                       | 1                         | 1            | -               | 70                      | 30          | 1          | 1           | 100  |   |  | 4  | 2  | Face to Face   | MCQ  | 2Hrs                             |
| 11253209       | PBL  | Capstone Project   | -                                       | -                         | -            |                 | 70                      | 30          | -          | 1           | 100  |   |  | 4  | 2  | Experiential   | SO   | <del>.</del>                     |
|                |  | Total  | 100                                     | 100                       | 80           | 120             | 380                     | 120         | 25         | 75          | 1000   | 12  | 03   | 16   | 23   | -  | -  | -                                |
| 11253210       | MAC  | Disaster Management  | 25                                      | 25                        | 20           | 30              | -                       | -           | -          | -           | 100  | 2   |  | : - <del>-</del> - :   | GRADE  | Blended  | MCQ  | 1.5 Hrs                          |
| 11253211       | MWS  | Mandatory Workshop on Placement  | Readiness: B                            | uilding Resun             | ne and Maste | ering Interview | vat Departme            | nt Level    |            |             | - : - : - :  |   |  |  | GRADE  | Interactive  | MCQ  |                                  |
|                | 11253201<br>11253202<br>11253203<br>112532XX<br>112532XX<br>11253204<br>11253205<br>11253206<br>11253207<br>11253208<br>11253209 | Code Code  11253201 DC  11253202 DC  11253203 DC  112532XX DE  112532XX OC  11253204 DLC  11253205 DLC  11253206 SP  11253207 PC  11253208 PSC  11253209 PBL  11253210 MAC | Code Code Code Code Code Code Code Code | Code                      | Course Code  | Course Code     | Course Code             | Course Code | Code       | Course Code | Course   Category   Code   Course Name   Course Name   Course Name   Continuous Evaluation   Minor Evaluation   Minor Evaluation   Minor Evaluation   Minor III   Minor III   Minor III   Major Evaluation   Major III   Maj | Course Code   Category Code   Course Name   Continuous Evaluation   Minor Evaluation   Minor Evaluation   Major Evaluation | Course Code   Category Code   Course Name   Continuous Evaluation   Minor Evaluation   Minor III   M | Course Code   Category Code   Continuous Evaluation   Continuous Evaluation   Major Eva | Course Code   Category Code   Code   Code   Continuous Evaluation   Minor Evaluation   Minor Evaluation   Minor Evaluation   Minor Evaluation   Minor Evaluation   Minor Evaluation   Major Evaluation   Lab Work Sessional   Lab Work Sessional   Major Evaluation   Lab Work Sessional   L | Course Code   Category Code   Course Name   Continuous Evaluation   Continuo | Course Code   Category Course Name   Cours | Course Name                      |

Skill Enhancement Program/Research Internship/On Job Training for Four weeks duration

Summer Semester of six-eight weeks duration will be conducted for makeup of previous semester examination.

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

Semester Proficiency- includes the weightage towards ability/ skill/ competency/knowledge level/expertise attained etc. in the semester courses

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

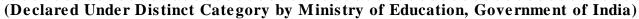
\* Course run through SWAYAM/NPTEL/MOOC Learning Based Platform.

|   | HSMC | BSC | ESC | DC | DE | PC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | PSC | MAC | MWS |
|---|------|-----|-----|----|----|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| I | 0    | 0   | 0   | 3  | 1  | 1  | 1  | 2   | 0   | 1  | 0   | 0   | 0   | 1   | 1   | 1   | 1   |

|   |              |        | Mode of      | f Learning   |        |                     |    |        | Mode of Ex | amination |       |      | Total     |
|---|--------------|--------|--------------|--------------|--------|---------------------|----|--------|------------|-----------|-------|------|-----------|
|   | Theory       | y      |              | I            | ab     |                     |    | Theory |            |           | Lab   |      | Credits   |
| - | Face to Face | Online | Face to Face | Experiential | Bended | <b>Experimental</b> | PP | AO     | MCQ        | MCQ       | SO    | AO   |           |
|   | 12           | 3      | 3            | 2            | 1      | 2                   |    |        | 15         | 2         | 4     | 2    | 23        |
| * | 52.2%        | 13%    | 13%          | 8.7%         | 4.4%   | 8.7%                |    |        | 65.2%      | 8.7%      | 17.4% | 8.7% | Credits % |



#### (Deemed University)





NAAC Accredited with A++ Grade

# **Department of Civil Engineering**

## **Scheme of Evaluation**

B. Tech. VII Semester (Civil Engineering)

(for batch admitted in academic session 2025-26)

|       |             |                  |  |                          |                           | Ma                  | ximum Ma      | arks Allotte               | d           |             |           |                |      | tact H             |       |                  |                        |          |                                    |
|-------|-------------|------------------|--|--------------------------|---------------------------|---------------------|---------------|----------------------------|-------------|-------------|-----------|----------------|------|--------------------|-------|------------------|------------------------|----------|------------------------------------|
|       |             |                  |  |                          | Theory                    | Block               |               | Practical                  | Block       | MOC         | Cs        |                | pe   | er wee             | k     |                  |                        |          |                                    |
| S. No | Course Code | Category<br>Code | Course Name  | Conti                    | inuous Evalu              | ation               | Major         | Continuous<br>Evaluation   | Major       |             |           | Total<br>Marks |      |                    |       | Total<br>Credits | Mode<br>of<br>Learning | of Major | Duration of<br>Major<br>Evaluation |
|       |             |                  |  | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment | Evaluation    | Lab Work<br>&<br>Sessional | Evaluation  | Assignment  | Exam      |                | L    | T                  | P     |                  |                        |          |                                    |
| 1.    | 112541XX    | DE               | Departmental Elective # (DE-3)                                 | 25                       | 25                        | 20                  | 30            | -                          | -           | -           | -         | 100            | 3    | - : - : -          |       | 3                | Face to Face           | MCQ      | 2 Hrs                              |
| 2.    | 112541XX    | DE               | Departmental Elective* (DE-4)                                  | -                        | -                         | -                   | -             | -                          | -           | 25          | 75        | 100            | 3    |                    | 133   | 3                | Online                 | MCQ      | 3 Hrs                              |
| 3.    | 112541XX    | OC               | Open Category Course* (OC-2)                                   | -                        | -                         | -                   | -             | -                          | -           | 25          | 75        | 100            | 3    | : -: :             | 183   | 3                | Online                 | MCQ      | 3 Hrs                              |
| 4.    | 11254101    | SEP              | Skill Enhancement Program/Research Internship/ On Job Training | -                        | -                         | -                   | -             | -                          | 50          | -           | -         | 50             |      |                    |       | 1**              | Face to Face           | SO       |                                    |
| 5.    | 11254102    | DLC              | Creative Problem Solving                                       | -                        | -                         | -                   | -             | -                          | 50          | -           | -         | 50             |      | - <del>-</del> - : | 2     | 1                | Experiential           | SO       | · · · · <del>-</del> · · · · ·     |
|       |             | ŗ                | Total  | 25                       | 25                        | 20                  | 30            | -                          | 100         | 50          | 150       | 400            | 09   | -                  | 02    | 11               | -                      | -        | -                                  |
|       |             |                  | Additional Course for l  | Ionours or               | Minor Degre               | e: Permitt          | ed to opt for | r maximum 1                | wo addition | nal courses | for the a | ward of        | Hono | ours o             | r Min | or Degre         | e                      |          |                                    |

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral

<sup>#</sup> Course run through MITS-DU MOOCs

|   | HSMC | BSC | ESC | DC | DE | OC | DLC | NEC | SEP | SIP | SLP | PDC | PBL | MAC | MWS |
|---|------|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ŀ | 0    |     | 0   | 0  | 2  | 1  | 1   | 0   |     | 0   | 0   | 0   | 0   | 0   | 0   |

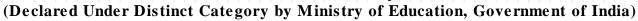
| - |              | l      | Mode of Learning | g            |              |    | Mo  | de of Examinat | tion |       | TD: 4 - 1        |
|---|--------------|--------|------------------|--------------|--------------|----|-----|----------------|------|-------|------------------|
|   | The          | ory    |                  | Lab          |              |    | The | eory           |      | Lab   | Total<br>Credits |
|   | Face to Face | Online | Face to Face     | Experiential | Experimental | PP | AO  | MCQ            | OB   | SO    | Credits          |
| - | 3            | 6      | 1                | 1            |              |    |     | 9              |      | 2     | 11               |
| * | 27.3%        | 54.5%  | 9.1%             | 9.1%         |              |    |     | 81.8%          |      | 18.2% | Credits %        |

<sup>\*</sup> Course run through SWAYAM/NPTEL/MOOC Learning Based Platform.

<sup>\*\*</sup> These credits will be transferred from Skill Enhancement Program/Research Internship/On Job Training



#### (Deemed University)





NAAC Accredited with A++ Grade

# **Department of Civil Engineering**

#### **Scheme of Evaluation**

B. Tech. VIII Semester (Civil Engineering)

(for batch admitted in academic session 2025-26

|     |         |                |                  |  |                          |                           | Max                 | imum Ma             | rks Allott               | ed · · · · ·        |            |     |                |                    | tact F    |           |                  |              |            |             |
|-----|---------|----------------|------------------|--|--------------------------|---------------------------|---------------------|---------------------|--------------------------|---------------------|------------|-----|----------------|--------------------|-----------|-----------|------------------|--------------|------------|-------------|
|     | - : - : |                |                  |  |                          | Theory                    | Block               |                     | Practica                 | l Block             | MOO        | Cs  |                | p                  | er we     | ek        |                  | Mode         | Mode       | Duration of |
| S.N | o.      | Course<br>Code | Category<br>Code | Course Name  | Conti                    | nuous Evalu               | uation              |                     |                          |                     |            |     | Total<br>Marks |                    |           |           | Total<br>Credits | of           | of Major   | Major       |
|     |         |                |                  |  | Minor<br>Evaluation<br>I | Minor<br>Evaluation<br>II | Quiz/<br>Assignment | Major<br>Evaluation | Continuous<br>Evaluation | Major<br>Evaluation | Assignment |     |                | L                  | T         | P         |                  | Learning     | Evaluation | Evaluation  |
| 1   | 1       | 12542XX        | DE               | Departmental Elective* (DE-5)                                    | -                        | 1                         | -                   | -                   | -                        | -                   | 25         | 75  | 100            | 3                  |           |           | 3                | Online       | MCQ        | 3 Hrs       |
| 2   | 1       | 12542XX        | OC               | Open Category Course*(OC-3)                                      | -                        | -                         | -                   | -                   | -                        | -                   | 25         | 75  | 100            | 2                  | - : - : - | - : - : - | 2                | Online       | MCQ        | 3 Hrs       |
| 3   | . 1     | 1254201        | PBL              | Industry Internship/Research<br>Internship/Innovation & Start-up | -                        | 1                         | -                   | -                   | 280                      | 120                 | -          | -   | 400            | - <del>-</del> - : |           | 20        | 10               | Experiential | SO         |             |
| 4   | 1       | 1254202        | PDC              | Professional Development##                                       | -                        | -                         | -                   | -                   | -                        | 50                  | -          | -   | 50             |                    |           | 4         | 2                | Interactive  | SO         |             |
|     |         |                |                  | Total  | -                        | -                         | -                   | -                   | 280                      | 170                 | 50         | 150 | 650            | 05                 | -         | 24        | 17               | -            | -          | -           |

Summer Semester of six-eight weeks duration will be conducted to complete any backlog courses.

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

MCQ: Multiple Choice Question AO: Assignment + Oral

**PP:** Pen Paper **SO:** Submission + Oral

<sup>##</sup> Evaluation will be based on participation/laurels brought by the students to the institution in national/state level technical and other events during the complete tenure of the UG programme (participation in professional chapter activities, club activities, cultural events, sports, personality development activities, collaborative events, MOOCs, technical events, institute/department committees, etc.)

| HSMC  | BSC | ESC | DC | DE | SPC | OC | DLC | NEC | SP | SIP | SLP | PDC | PBL | MAC | MWS |
|-------|-----|-----|----|----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|
| <br>0 | 0   | 0   | 0  | 1  | 0   | 1  | 0   | 0   | 0  | 0   | 0   | 1   | 1   | 0   | 0   |

|              | I      | Mode of Learning | g            |              |    | Total |        |         |        |           |
|--------------|--------|------------------|--------------|--------------|----|-------|--------|---------|--------|-----------|
| The          | ory    |                  | Lab          |              |    | The   | Lab    | Credits |        |           |
| Face to Face | Online | Interactive      | Experiential | Experimental | PP | AO    | MCQ    | OB      | SO     | Credits   |
|              |        | 2                | 10           |              |    |       | 5      |         | 12     | 17        |
|              | 29.42% | 11.76%           | 58.82%       |              |    |       | 29.42% |         | 70.58% | Credits % |

<sup>\*</sup>Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform