

# Department of Civil Engineering

## Group- I

### 1st Semester

| Sl. No. | Course Component | Course Code | Course Name                                  | L-T-P | Course Category | Credit<br>(L*1+T*1+P*0.5) |
|---------|------------------|-------------|--|-------|-----------------|---------------------------|
| 1       | IDC1             | NMCI101     | Engineering Mathematics - I                  | 3-0-0 | Theory          | 3                         |
| 2       | IDC2             | NPHI101     | Engineering Physics                          | 3-0-0 | Theory          | 3                         |
| 3       | IDC3             | NPHI102     | Engineering Physics Lab                      | 0-0-2 | Practical       | 1                         |
| 4       | DSC1             | NCEC101     | Building Materials and Building Construction | 3-0-0 | Theory          | 3                         |
| 5       | DSC2             | NCEC102     | Material Testing Laboratory                  | 0-0-2 | Practical       | 1                         |
| 6       | ESC1             | NMEE101     | Mechanics for Engineers                      | 3-0-0 | Theory          | 3                         |
| 7       | AEC1             | NHSA101     | Communication Skills                         | 1-0-0 | Theory          | 1                         |
| 8       | AEC2             | NHSA102     | Communication Skills Lab                     | 0-0-2 | Practical       | 1                         |
| 9       | SEC1             | NCES101     | Engineering Graphics                         | 1-0-3 | Theory          | 2.5                       |
| 10      | VAC1             | NESV101     | Environmental Science                        | 3-0-0 | Theory          | 3                         |
|         |                  |             |  |       |                 | 21.5                      |

### 2nd Semester

| S. No. | Course Component | Course Code | Course Name                         | L-T-P | Course Category | Credit<br>(L*1+T*1+P*0.5) |
|--------|------------------|-------------|-------------------------------------|-------|-----------------|---------------------------|
| 1      | IDC4             | NMCI102     | Engineering Mathematics - II        | 3-0-0 | Theory          | 3                         |
| 2      | DSC3             | NCEC103     | Surveying                           | 3-0-0 | Theory          | 3                         |
| 3      | DSC4             | NCEC104     | Surveying Laboratory                | 0-0-2 | Practical       | 1                         |
| 4      | ESC2             | NESE101     | Basics of Environmental Engineering | 3-0-0 | Theory          | 3                         |
| 5      | AEC3             | NHSA103     | Understanding Human Behaviour       | 2-1-0 | Theory          | 3                         |
| 6      | SEC2             | NMES101     | Manufacturing Process               | 2-0-3 | Theory          | 3.5                       |
| 7      | VAC2             | NCSV101     | Computer Programming                | 3-0-0 | Theory          | 3                         |
| 8      | VAC3             | NCSV102     | Computer Programming Lab            | 0-0-2 | Practical       | 1                         |
|        |                  |             |                                     |       |                 | 20.5                      |

IDC – Inter-disciplinary Course; DSC – Discipline Specific Course - Core; AEC – Ability Enhancement Courses; SEC – Skill Enhancement Courses; VAC – Value Added Courses; ESC – Engineering Science Compulsory (to be offered only for the students of other departments). ESC courses mentioned herein are to be studied by your department's student.