

SCHOOL OF MECHANICAL & CIVIL
ENGINEERING

W. E. F : 2016-17

FIRST YEAR BACHELOR OF
TECHNOLOGY

RELEASE DATE : 01/06/2016

DEPARTMENT OF CIVIL ENGINEERING

REVISION NO. : 0.0

SEMESTER: I

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-----------------|---|-----------------|-----------|-----------|
| | | | | L | P/T* | CREDIT |
| 1. | NSC1 | AS101 | Mathematics – I | 4 | 1 | 5 |
| 2. | NSC2 | AS102/ AS103 | Physics/ Chemistry | 3 | 2 | 4 |
| 3. | ESC1 | EX101/ CV101 | Electrical & Electronics Engg/ Applied Mechanics | 3 | 2 | 4 |
| 4. | ESC2 | ME101/ IT101 | Engineering Graphics/ Computer Programming | 2 | 4 | 4 |
| 5. | HSS1 | HP101 | Language & Communication – I | 1 | 2 | 2 |
| 6. | SDP1 | ME102/ ME103 | Experimental Tools & Techniques/ Design Thinking | -- | 4 | 2 |
| TOTAL | | | | 13 | 15 | 21 |

SEMESTER: II

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-----------------|---|-----------------|-----------|-----------|
| | | | | L | P/T | CREDIT |
| 1. | NSC3 | AS101 | Mathematics – II | 4 | 1 | 5 |
| 2. | NSC4 | AS103/ AS102 | Chemistry/ Physics | 3 | 2 | 4 |
| 3. | ESC3 | CV101/ EX101 | Applied Mechanics/ Electrical & Electronics Engg | 3 | 2 | 4 |
| 4. | ESC4 | IT101/ ME101 | Computer Programming/ Engineering Graphics | 2 | 4 | 4 |
| 5. | HSS2 | HP101 | Language & Communication – II | 1 | 2 | 2 |
| 6. | SDP2 | ME103/ ME102 | Design Thinking/ Experimental Tools & Techniques | -- | 4 | 2 |
| TOTAL | | | | 13 | 15 | 21 |

L: Lecture. P: Practical. T: Tutorial: *Applicable for FY BTech

SCHOOL OF MECHANICAL & CIVIL
ENGINEERING

W. E. F : 2017-18

SECOND YEAR BACHELOR OF
TECHNOLOGY

RELEASE DATE : 01/06/2017

DEPARTMENT OF CIVIL EGG

REVISION NO. : 0.0

SEMESTER: III

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-------------|-----------------------------------|-----------------|----|--------|
| | | | | L | P | CREDIT |
| 1. | PC1 | CH201 | Environmental Science | 2 | 2 | 3 |
| 2. | PC2 | AS201 | Applied Mathematics | 3 | 2 | 4 |
| 3. | PC3 | ET201 | System Engineering | 3 | 2 | 4 |
| 4. | DC1 | CV201 | Continuum Mechanics of Solids | 3 | 2 | 4 |
| 5. | DC2 | CV202 | Geospatial Engineering Technology | 3 | 2 | 4 |
| 6. | SDP3 | ET206 | Prototyping | – | 4 | 2 |
| TOTAL | | | | 14 | 14 | 21 |

SEMESTER: IV

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-------------|--------------------------------|-----------------|----|--------|
| | | | | L | P | CREDIT |
| 1. | PC4 | IT201 | Engineering Informatics | 3 | 2 | 4 |
| 2. | PC5 | ME201 | Materials Engineering | 3 | 2 | 4 |
| 3. | DC3 | CV211 | Building Design & Construction | 3 | 2 | 4 |
| 4. | DC4 | CV212 | Geotechnical Engineering | 3 | 2 | 4 |
| 5. | HSS3 | HP201 | Psychology | 3 | – | 3 |
| 6. | SDP4 | CV213 | Minor Project | – | 4 | 2 |
| TOTAL | | | | 15 | 12 | 21 |

L: Lecture, P: Practical

**SCHOOL OF MECHANICAL & CIVIL
ENGINEERING**

W. E. F : 2018-19

**THIRD YEAR BACHELOR OF
TECHNOLOGY**

RELEASE DATE : 01/12/2017

DEPARTMENT OF CIVIL EGG

REVISION NO. : 0.0

SEMESTER: V

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-------------|--|-----------------|-----------|-----------|
| | | | | L | P | CREDIT |
| 1. | DC5 | CV301 | Mechanics of Fluids | 3 | 2 | 4 |
| 2. | DC6 | CV302 | Structural Analysis | 3 | 2 | 4 |
| 3. | DC7 | CV303 | Concrete Technology | 3 | 2 | 4 |
| 4. | OE1 | CV31# | Open Elective - Refer Annexure. | 3 | 2 | 4 |
| 5. | HSS4 | HP301 | Project Management | 1 | 2 | 2 |
| 6. | SDP5 | CV30# | Skill Development Lab - Refer Annexure | -- | 4 | 2 |
| TOTAL | | | | 13 | 14 | 20 |

SEMESTER:VI

| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
|--------------|-------------|-------------|---------------------------------|-----------------|-----------|-----------|
| | | | | L | P | CREDIT |
| 1. | DC8 | CV321 | Design of Structures | 3 | 2 | 4 |
| 2. | DC9 | CV322 | Transportation Engineering | 3 | 2 | 4 |
| 3. | DC10 | CV323 | Water Resources Engineering | 3 | 2 | 4 |
| 4. | OE2 | CV33# | Open Elective - Refer Annexure. | 3 | 2 | 4 |
| 5. | HSS5 | HP302 | Professional Skills | -- | 4 | 2 |
| 6. | HSS6 | HP303 | Basics of Entrepreneurship | -- | 2 | 1 |
| 7. | SDP6 | CV324 | Mini Project | -- | 4 | 2 |
| TOTAL | | | | 12 | 18 | 21 |

L: Lecture, P: Practical

| SCHOOL OF MECHANICAL & CIVIL ENGINEERING | | | W. E. F : | 2019-20 (Part A) | | |
|---|---------------|-----------------|---|-------------------------|-----------|-----------|
| FINAL YEAR BACHELOR OF TECHNOLOGY | | | RELEASE DATE : | 01/12/2018 | | |
| DEPARTMENT OF CIVIL EGG | | | REVISION NO. : | 0.0 | | |
| SEMESTER: VII | | | | | | |
| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
| | | | | L | P | CREDIT |
| 1. | DC11 | CV401 | Drinking Water & Sanitary Engineering | 3 | 2 | 4 |
| 2. | DE1 | CV41# | Discipline Elective - Refer Annexure. | 3 | -- | 3 |
| 3. | OE3 | CV42# | Open Elective - Refer Annexure. | 3 | 2 | 4 |
| 4. | HSS7 | HP401 | Engineering Economics | 2 | -- | 2 |
| 5. | HSS9/ SDP7 | HP403/ CV403 | Business Strategies / Urban & Town Planning | -- | 2 | 1 |
| 6. | SDP8 | CV402 | Project - I | -- | 8 | 4 |
| 7. | SDP9 | CV404 | Summer Internship | -- | -- | 4 |
| TOTAL | | | | 11 | 14 | 22 |
| SEMESTER: VIII | | | | | | |
| SL. No. | COURSE TYPE | COURSE CODE | COURSE | TEACHING SCHEME | | |
| | | | | L | P | CREDIT |
| 1. | DC12 | CV431 | Estimation & Costing | 3 | 2 | 4 |
| 2. | DE2 | CV44# | Discipline Elective - Refer Annexure | 3 | -- | 3 |
| 3. | OE4 | CV45# | Open Elective - Refer Annexure | 3 | 2 | 4 |
| 4. | HSS8 | HP402 | Sociology | 2 | -- | 2 |
| 5. | SDP10 | CV432 | Project - II | -- | 8 | 4 |
| TOTAL | | | | 11 | 12 | 17 |

L: Lecture, P: Practical