

| Academic year | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|----------------------|---------|---------|---------|---------|---------|
| No of courses B.Tech | 75 | 75 | 77 | 77 | 78 |
| M.Tech | | | 16 | 17 | 17 |

2014-15

| Course Code | Name of the course | Name of the Programme | Activities with direct bearing on Employability/ Entrepreneurship/ Skill development | Year of Introduction (last 5 years) |
|---|--------------------|-----------------------|--|-------------------------------------|
| Engineering Mathematics-1 | CE111 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Physics-1 | CE112 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Chemistry-1 | CE113 | B.Tech-CE | Skill Development | 2012-13 |
| Technical English & Communication Skills | CE114 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Mechanics-1 | CE115 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Graphics | CE116 | B.Tech-CE | Skill Development | 2012-13 |
| Physics Lab | CE151 | B.Tech-CE | Skill Development | 2012-13 |
| English Language Lab | CE152 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Mathematics-II | CE121 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Physics-II | CE122 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Chemistry-II | CE123 | B.Tech-CE | Skill Development | 2012-13 |
| C-Programming | CE124 | B.Tech-CE | Skill Development, Employability | 2012-13 |
| Engineering Mechanics-II | CE125 | B.Tech-CE | Skill Development | 2012-13 |
| Chemistry Lab | CE161 | B.Tech-CE | Skill Development | 2012-13 |
| Workshop | CE162 | B.Tech-CE | Skill Development | 2012-13 |
| C-Programming Lab | CE163 | B.Tech-CE | Skill Development, employability | 2012-13 |
| Engineering Mathematics-III | CE 211 | B.Tech-CE | Skill Development | 2012-13 |
| Building Materials Planning & Construction | CE 212 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying-I | CE 213 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Solid Mechanics-I | CE 214 | B.Tech-CE | Employability | 2012-13 |
| Fluid Mechanics | CE 215 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology | CE216 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology Lab | CE 251 | B.Tech-CE | Skill Development | 2012-13 |
| Surveying Field Work - I | CE 252 | B.Tech-CE | Skill Development | 2012-13 |
| Building Drawing | CE 253 | B.Tech-CE | Skill Development | 2012-13 |
| Concrete Technology | CE221 | B.Tech-CE | Skill Development, Employability | 2012-13 |
| Environmental Studies | CE222 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying -II | CE223 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Solid Mechanics-II | CE224 | B.Tech-CE | employability | 2012-13 |
| Hydraulics & Hydraulic Machines | CE225 | B.Tech-CE | Skill Development | 2012-13 |
| Elements of electrical & Mechanical Engineering | CE226 | B.Tech-CE | Skill Development | 2012-13 |
| Hydraulics & Hydraulic Machines Lab | CE261 | B.Tech-CE | Skill Development | 2012-13 |
| Material Testing Lab | CE262 | B.Tech-CE | Skill Development | 2012-13 |
| Communication skills Laboratory | CE263 | B.Tech-CE | Skill Development | 2012-13 |
| Environmental Engineering-I | CE311 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structural Analysis-I | CE312 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Water Resources Engineering- I | CE313 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |

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|--|----------------|-----------|-----------------------------------|---------|
| Design of Concrete Structures-I | CE314 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -I | CE315 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-I | CE316 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Environmental Engineering Lab | CE351 | B.Tech-CE | Skill Delopment | 2012-13 |
| Geo-technical Engineering Lab | CE352 | B.Tech-CE | Skill Delopment | 2012-13 |
| Advanced Communication Skills Lab | CE353 | B.Tech-CE | Skill Delopment | 2012-13 |
| Environmental Engineering-II | CE321 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structrural Analysis-II | CE322 | B.Tech-CE | Employability | 2012-13 |
| Water Resources Engineering- II | CE323 | B.Tech-CE | Employability | 2012-13 |
| Design of Concrete Structures-II | CE324 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -II | CE325 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-II | CE326 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying Filed work-II | CE361 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Computer Programming in Civil Engineering | CE362 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Transportation Engineering-I | CE411 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Construction Technology & Management | CE412 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Quantity Surveying | CE413 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Prestressed Concrete | CE414A | B.Tech-CE | Employability | 2012-13 |
| Water Resources System Analysis | CE414B | B.Tech-CE | Employability | 2012-13 |
| Green Buildings | CE414C | B.Tech-CE | Employability | 2012-13 |
| Groundwater Development & Management | CE414D | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Finite Element Method | CE415A | B.Tech-CE | Employability | 2012-13 |
| Remoste sensing & GIS | CE415B | B.Tech-CE | Employability | 2012-13 |
| Operational Research | CE415C | B.Tech-CE | Employability | 2012-13 |
| Renewable Energy sources | CE415D | B.Tech-CE | Employability | 2012-13 |
| Bridge Engineering | CE416 | B.Tech-CE | Employability | 2012-13 |
| Analysis ,Design & Detailing of Structures Lab | CE451 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering Lab | CE452 | B.Tech-CE | Skill Development | 2012-13 |
| Project(Phase-I) | CE453 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering-II | CE421 | B.Tech-CE | Employability | 2012-13 |
| Remoste sensing & GIS | CE422 | B.Tech-CE | Employability | 2012-13 |
| Professional Ehics & Human Values | CE423 | B.Tech-CE | Employability | 2012-13 |
| Repair & Rehabilitation of structures | CE424A | B.Tech-CE | Employability | 2012-13 |
| Earthquake Resistant Design of Structures | CE424B | B.Tech-CE | Employability | 2012-14 |
| Advanced Environmental Engineering | CE424C | B.Tech-CE | Employability | 2012-15 |
| Ground Improvement Techniques | CE424D | B.Tech-CE | Employability | 2012-16 |
| Quantity Estimation & Project Management | CE461 | B.Tech-CE | Skill Delopment, Entrepreneurship | 2012-13 |
| Project(Phase-II) | CE462 | B.Tech-CE | Skill Delopment | 2012-13 |
| | 2015-16 | | | |
| Engineering Mathematics-1 | CE111 | B.Tech-CE | Skill Development | 2012-13 |
| Enginerring Physics-1 | CE112 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Chemsiry-1 | CE113 | B.Tech-CE | Skill Development | 2012-13 |
| Techical English & Communication Skills | CE114 | B.Tech-CE | Skill Development | 2012-13 |

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|---|--------|-----------|----------------------------------|---------|
| Engineering Mechanics-1 | CE115 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Graphics | CE116 | B.Tech-CE | Skill Development | 2012-13 |
| Physics Lab | CE151 | B.Tech-CE | Skill Development | 2012-13 |
| English Language Lab | CE152 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Mathematics-II | CE121 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Physics-II | CE122 | B.Tech-CE | Skill Development | 2012-13 |
| Engineering Chemistry-II | CE123 | B.Tech-CE | Skill Development | 2012-13 |
| C-Programming | CE124 | B.Tech-CE | Skill Development, Employability | 2012-13 |
| Engineering Mechanics-II | CE125 | B.Tech-CE | Skill Development | 2012-13 |
| Chemistry Lab | CE161 | B.Tech-CE | Skill Development | 2012-13 |
| Workshop | CE162 | B.Tech-CE | Skill Development | 2012-13 |
| C-Programming Lab | CE163 | B.Tech-CE | Skill Development, employability | 2012-13 |
| Engineering Mathematics-III | CE 211 | B.Tech-CE | Skill Development | 2012-13 |
| Building Materials Planning & Construction | CE 212 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying-I | CE 213 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Solid Mechanics-I | CE 214 | B.Tech-CE | Employability | 2012-13 |
| Fluid Mechanics | CE 215 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology | CE216 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology Lab | CE 251 | B.Tech-CE | Skill Development | 2012-13 |
| Surveying Field Work - I | CE 252 | B.Tech-CE | Skill Development | 2012-13 |
| Building Drawing | CE 253 | B.Tech-CE | Skill Development | 2012-13 |
| Concrete Technology | CE221 | B.Tech-CE | Skill Development, Employability | 2012-13 |
| Environmental Studies | CE222 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying -II | CE223 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Solid Mechanics-II | CE224 | B.Tech-CE | employability | 2012-13 |
| Hydraulics & Hydraulic Machines | CE225 | B.Tech-CE | Skill Development | 2012-13 |
| Elements of electrical & Mechanical Engineering | CE226 | B.Tech-CE | Skill Development | 2012-13 |
| Hydraulics & Hydraulic Machines Lab | CE261 | B.Tech-CE | Skill Development | 2012-13 |
| Material Testing Lab | CE262 | B.Tech-CE | Skill Development | 2012-13 |
| Communication skills Laboratory | CE263 | B.Tech-CE | Skill Development | 2012-13 |
| Environmental Engineering-I | CE311 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structural Analysis-I | CE312 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Water Resources Engineering- I | CE313 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Concrete Structures-I | CE314 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -I | CE315 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-I | CE316 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Environmental Engineering Lab | CE351 | B.Tech-CE | Skill Development | 2012-13 |
| Geo-technical Engineering Lab | CE352 | B.Tech-CE | Skill Development | 2012-13 |
| Advanced Communication Skills Lab | CE353 | B.Tech-CE | Skill Development | 2012-13 |
| Environmental Engineering-II | CE321 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structural Analysis-II | CE322 | B.Tech-CE | Employability | 2012-13 |
| Water Resources Engineering- II | CE323 | B.Tech-CE | Employability | 2012-13 |
| Design of Concrete Structures-II | CE324 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -II | CE325 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-II | CE326 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying Filed work-II | CE361 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |

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|--|----------------|-----------|-----------------------------------|---------|
| Computer Programming in Civil Engineering | CE362 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Transportation Engineering-I | CE411 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Construction Technology & Management | CE412 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Quantity Surveying | CE413 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Prestressed Concrete | CE414A | B.Tech-CE | Employability | 2012-13 |
| Water Resources System Analysis | CE414B | B.Tech-CE | Employability | 2012-13 |
| Green Buildings | CE414C | B.Tech-CE | Employability | 2012-13 |
| Groundwater Development & Management | CE414D | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Finite Element Method | CE415A | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE415B | B.Tech-CE | Employability | 2012-13 |
| Operational Research | CE415C | B.Tech-CE | Employability | 2012-13 |
| Renewable Energy sources | CE415D | B.Tech-CE | Employability | 2012-13 |
| Bridge Engineering | CE416 | B.Tech-CE | Employability | 2012-13 |
| Analysis ,Design & Detailing of Structures Lab | CE451 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering Lab | CE452 | B.Tech-CE | Skill Development | 2012-13 |
| Project(Phase-I) | CE453 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering-II | CE421 | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE422 | B.Tech-CE | Employability | 2012-13 |
| Professional Ethics & Human Values | CE423 | B.Tech-CE | Employability | 2012-13 |
| Repair & Rehabilitation of structures | CE424A | B.Tech-CE | Employability | 2012-13 |
| Earthquake Resistant Design of Structures | CE424B | B.Tech-CE | Employability | 2012-14 |
| Advanced Environmental Engineering | CE424C | B.Tech-CE | Employability | 2012-15 |
| Ground Improvement Techniques | CE424D | B.Tech-CE | Employability | 2012-16 |
| Quantity Estimation & Project Management | CE461 | B.Tech-CE | Skill Delopment, Entrepreneurship | 2012-13 |
| Project(Phase-II) | CE462 | B.Tech-CE | Skill Delopment | 2012-13 |
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| | | | | |
| | 2016-17 | | | |
| Differential Equaitons | CE101 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Physics | CE102 | B.Tech-CE | Skill Development | 2016-17 |
| Applied chemistry | CE103 | B.Tech-CE | Skill Development | 2016-17 |
| English for communication | CE104 | B.Tech-CE | Skill Development | 2016-17 |
| Problem solving with C | CE105 | B.Tech-CE | Skill Development, employabiliy | 2016-17 |
| Engineering Mechancis | CE106 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Chemistry Lab | C151 | B.Tech-CE | Skill Development | 2016-17 |
| C Programming Lab | CE152 | B.Tech-CE | Skill Development | 2016-17 |
| Engineerin Graphics Lab | CE153 | B.Tech-CE | Skill Development | 2016-17 |
| Calculus | CE107 | B.Tech-CE | Skill Development | 2016-17 |
| Physics of Materials | CE108 | B.Tech-CE | Skill Development | 2016-17 |
| Chemistry of Engineering Materials | CE109 | B.Tech-CE | Skill Development | 2016-17 |
| Environmental Studies | CE110 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Drawing | CE111 | B.Tech-CE | Skill Development | 2016-17 |
| Solid Mechanics-I | CE112 | B.Tech-CE | Employability | 2016-17 |
| Physics Lab | CE154 | B.Tech-CE | Skill Development | 2016-17 |

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|---|--------|-----------|----------------------------------|---------|
| English for communication skills Lab | CE155 | B.Tech-CE | Skill Development | 2016-17 |
| Workshop Practice | CE156 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Mathematics-III | CE 211 | B.Tech-CE | Skill Development | 2012-13 |
| Building Materials Planing & Construction | CE 212 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying-I | CE 213 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Solid Mechanics-I | CE 214 | B.Tech-CE | Employability | 2012-13 |
| Fluid Mechancis | CE 215 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology | CE216 | B.Tech-CE | Employability | 2012-13 |
| Engineering Geology Lab | CE 251 | B.Tech-CE | Skill Development | 2012-13 |
| Surveying Field Work - I | CE 252 | B.Tech-CE | Skill Development | 2012-13 |
| Building Drawing | CE 253 | B.Tech-CE | Skill Development | 2012-13 |
| Concrete Technology | CE221 | B.Tech-CE | Skill Development, Employability | 2012-13 |
| Environmental Studies | CE222 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Surveying -II | CE223 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Solid Mechanics-II | CE224 | B.Tech-CE | employability | 2012-13 |
| Hydraulics & Hydraulic Machines | CE225 | B.Tech-CE | Skill Development | 2012-13 |
| Elements of electrical & Mechanical Engineering | CE226 | B.Tech-CE | Skill Development | 2012-13 |
| Hydraulics & Hydraulic Machines Lab | CE261 | B.Tech-CE | Skill Development | 2012-13 |
| Materail Testing Lab | CE262 | B.Tech-CE | Skill Development | 2012-13 |
| Communication skills Laboratory | CE263 | B.Tech-CE | Skill Development | 2012-13 |
| Environmental Engineering-I | CE311 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Structrural Analysis-I | CE312 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Water Resources Engineering- I | CE313 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Design of Concrete Structures-I | CE314 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -I | CE315 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-I | CE316 | B.Tech-CE | Emplyability, Entrepreneurship | 2012-13 |
| Environmental Engineering Lab | CE351 | B.Tech-CE | Skill Delopment | 2012-13 |
| Geo-technical Engineering Lab | CE352 | B.Tech-CE | Skill Delopment | 2012-13 |
| Advanced Communication Skills Lab | CE353 | B.Tech-CE | Skill Delopment | 2012-13 |
| Environmental Engineering-II | CE321 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structrural Analysis-II | CE322 | B.Tech-CE | Employability | 2012-13 |
| Water Resources Engineering- II | CE323 | B.Tech-CE | Employability | 2012-13 |
| Design of Concrete Structures-II | CE324 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -II | CE325 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-II | CE326 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying Filed work-II | CE361 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Computer Programming in Civil Engineering | CE362 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Transportation Engineering-I | CE411 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Construction Technology & Management | CE412 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Quantity Surveying | CE413 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Prestressed Concrete | CE414A | B.Tech-CE | Employability | 2012-13 |
| Water Resources System Analysis | CE414B | B.Tech-CE | Employability | 2012-13 |
| Green Buildings | CE414C | B.Tech-CE | Employability | 2012-13 |
| Groundwater Development & Management | CE414D | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |

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|--|----------------|-----------|-----------------------------------|---------|
| Finite Element Method | CE415A | B.Tech-CE | Employability | 2012-13 |
| Remoste sensing & GIS | CE415B | B.Tech-CE | Employability | 2012-13 |
| Operational Research | CE415C | B.Tech-CE | Employability | 2012-13 |
| Renewable Energy sources | CE415D | B.Tech-CE | Employability | 2012-13 |
| Bridge Engineering | CE416 | B.Tech-CE | Employability | 2012-13 |
| Analysis ,Design & Detailing of Structures Lab | CE451 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering Lab | CE452 | B.Tech-CE | Skill Development | 2012-13 |
| Project(Phase-I) | CE453 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering-II | CE421 | B.Tech-CE | Employability | 2012-13 |
| Remoste sensing & GIS | CE422 | B.Tech-CE | Employability | 2012-13 |
| Professional Ethics & Human Values | CE423 | B.Tech-CE | Employability | 2012-13 |
| Repair & Rehabilitation of structures | CE424A | B.Tech-CE | Employability | 2012-13 |
| Earthquake Resistant Design of Structures | CE424B | B.Tech-CE | Employability | 2012-14 |
| Advanced Environmental Engineering | CE424C | B.Tech-CE | Employability | 2012-15 |
| Ground Improvement Techniques | CE424D | B.Tech-CE | Employability | 2012-16 |
| Quantity Estimation & Project Management | CE461 | B.Tech-CE | Skill Delopment, Enterpreneurship | 2012-13 |
| Project(Phase-II) | CE462 | B.Tech-CE | Skill Delopment | 2012-13 |
| | 2017-18 | | | |
| Differential Equaitons | CE101 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Physics | CE102 | B.Tech-CE | Skill Development | 2016-17 |
| Applied chemistry | CE103 | B.Tech-CE | Skill Development | 2016-17 |
| English for communication | CE104 | B.Tech-CE | Skill Development | 2016-17 |
| Problem solving with C | CE105 | B.Tech-CE | Skill Development, employability | 2016-17 |
| Engineering Mechancis | CE106 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Chemistry Lab | C151 | B.Tech-CE | Skill Development | 2016-17 |
| C Programming Lab | CE152 | B.Tech-CE | Skill Development | 2016-17 |
| Engineerin Graphics Lab | CE153 | B.Tech-CE | Skill Development | 2016-17 |
| Calculus | CE107 | B.Tech-CE | Skill Development | 2016-17 |
| Physics of Materials | CE108 | B.Tech-CE | Skill Development | 2016-17 |
| Chemistry of Engineering Materials | CE109 | B.Tech-CE | Skill Development | 2016-17 |
| Environmental Studies | CE110 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Drawing | CE111 | B.Tech-CE | Skill Development | 2016-17 |
| Solid Mechanics-I | CE112 | B.Tech-CE | Employability | 2016-17 |
| Physics Lab | CE154 | B.Tech-CE | Skill Development | 2016-17 |
| English for communication skills Lab | CE155 | B.Tech-CE | Skill Development | 2016-17 |
| Workshop Practice | CE156 | B.Tech-CE | Skill Development | 2016-17 |
| Comutational Techniques & Stastical Methods | CE201 | B.Tech-CE | Skill Development | 2016-17 |
| Surveying-I | CE202 | B.Tech-CE | Employability, Enterpreneurship | 2016-17 |
| Fluid Mechanics -I | CE203 | B.Tech-CE | Employability | 2016-17 |
| Solid Mechanics-II | CE204 | B.Tech-CE | Employability | 2016-17 |
| Building Materials, Planing & Construction | CE205 | B.Tech-CE | Employability, Enterpreneurship | 2016-17 |
| Engineering Geology | CE206 | B.Tech-CE | Employability | 2016-17 |
| Material Testing Lab | CE251 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Building Drawing Lab | CE252 | B.Tech-CE | Skill Developmen t | 2016-17 |

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|--|--------|-----------|---------------------------------|---------|
| Surveying-I Field Work | CE253 | B.Tech-CE | Skill Development | 2016-17 |
| Professional Ethics & Human Values | CE207 | B.Tech-CE | Employability | 2016-17 |
| Surveying-II | CE208 | B.Tech-CE | Employability | 2016-17 |
| Hydraulics & Hydraulic Machines | CE209 | B.Tech-CE | Employability | 2016-17 |
| Structural Analysis | CE210 | B.Tech-CE | Employability | 2016-17 |
| Environmental Engineering-I | CE211 | B.Tech-CE | Employability, Entrepreneurship | 2016-17 |
| Data Structures Through C++ | CE212 | B.Tech-CE | Employability | 2016-17 |
| Engineering Geology Lab | CE254 | B.Tech-CE | Skill Development | 2016-17 |
| Hydraulics & Hydraulic Machines Lab | CE255 | B.Tech-CE | Skill Development | 2016-17 |
| Environmental Engineering Lab | CE256 | B.Tech-CE | Skill Development | 2016-17 |
| Environmental Engineering-I | CE311 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structural Analysis-I | CE312 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Water Resources Engineering- I | CE313 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Concrete Structures-I | CE314 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -I | CE315 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-I | CE316 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Environmental Engineering Lab | CE351 | B.Tech-CE | Skill Development | 2012-13 |
| Geo-technical Engineering Lab | CE352 | B.Tech-CE | Skill Development | 2012-13 |
| Advanced Communication Skills Lab | CE353 | B.Tech-CE | Skill Development | 2012-13 |
| Environmental Engineering-II | CE321 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Structural Analysis-II | CE322 | B.Tech-CE | Employability | 2012-13 |
| Water Resources Engineering- II | CE323 | B.Tech-CE | Employability | 2012-13 |
| Design of Concrete Structures-II | CE324 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Design of Steel Structures -II | CE325 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Geo-technical Engineering-II | CE326 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Surveying Filed work-II | CE361 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Computer Programming in Civil Engineering | CE362 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Transportation Engineering-I | CE411 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Construction Technology & Management | CE412 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Quantity Surveying | CE413 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Prestressed Concrete | CE414A | B.Tech-CE | Employability | 2012-13 |
| Water Resources System Analysis | CE414B | B.Tech-CE | Employability | 2012-13 |
| Green Buildings | CE414C | B.Tech-CE | Employability | 2012-13 |
| Groundwater Development & Management | CE414D | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Finite Element Method | CE415A | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE415B | B.Tech-CE | Employability | 2012-13 |
| Operational Research | CE415C | B.Tech-CE | Employability | 2012-13 |
| Renewable Energy sources | CE415D | B.Tech-CE | Employability | 2012-13 |
| Bridge Engineering | CE416 | B.Tech-CE | Employability | 2012-13 |
| Analysis ,Design & Detailing of Structures Lab | CE451 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering Lab | CE452 | B.Tech-CE | Skill Development | 2012-13 |
| Project(Phase-I) | CE453 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering-II | CE421 | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE422 | B.Tech-CE | Employability | 2012-13 |

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|---|----------------|-----------|-----------------------------------|---------|
| Professional Ethics & Human Values | CE423 | B.Tech-CE | Employability | 2012-13 |
| Repair & Rehabilitation of structures | CE424A | B.Tech-CE | Employability | 2012-13 |
| Earthquake Resistant Design of Structures | CE424B | B.Tech-CE | Employability | 2012-14 |
| Advanced Environmental Engineering | CE424C | B.Tech-CE | Employability | 2012-15 |
| Ground Improvement Techniques | CE424D | B.Tech-CE | Employability | 2012-16 |
| Quantity Estimation & Project Management | CE461 | B.Tech-CE | Skill Delopment, Enterpreneurship | 2012-13 |
| Project(Phase-II) | CE462 | B.Tech-CE | Skill Delopment | 2012-13 |
| | 2018-19 | | | |
| Differential Equaitons | CE101 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Physics | CE102 | B.Tech-CE | Skill Development | 2016-17 |
| Applied chemistry | CE103 | B.Tech-CE | Skill Development | 2016-17 |
| English for communication | CE104 | B.Tech-CE | Skill Development | 2016-17 |
| Problem solving with C | CE105 | B.Tech-CE | Skill Development, employabiliy | 2016-17 |
| Engineering Mechancis | CE106 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Chemistry Lab | C151 | B.Tech-CE | Skill Development | 2016-17 |
| C Programming Lab | CE152 | B.Tech-CE | Skill Development | 2016-17 |
| Engineerin Graphics Lab | CE153 | B.Tech-CE | Skill Development | 2016-17 |
| Calculus | CE107 | B.Tech-CE | Skill Development | 2016-17 |
| Physics of Materials | CE108 | B.Tech-CE | Skill Development | 2016-17 |
| Chemistry of Engineering Materials | CE109 | B.Tech-CE | Skill Development | 2016-17 |
| Environmental Studies | CE110 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Drawing | CE111 | B.Tech-CE | Skill Development | 2016-17 |
| Solid Mechanics-I | CE112 | B.Tech-CE | Employability | 2016-17 |
| Physics Lab | CE154 | B.Tech-CE | Skill Development | 2016-17 |
| English for communication skills Lab | CE155 | B.Tech-CE | Skill Development | 2016-17 |
| Workshop Practice | CE156 | B.Tech-CE | Skill Development | 2016-17 |
| Comutational Techniques & Stastical Methods | CE201 | B.Tech-CE | Skill Development | 2016-17 |
| Surveying-I | CE202 | B.Tech-CE | Employability, Enterpreneurship | 2016-17 |
| Fluid Mechanics -I | CE203 | B.Tech-CE | Employability | 2016-17 |
| Solid Mechanics-II | CE204 | B.Tech-CE | Employability | 2016-17 |
| Building Materials, Planing & Construction | CE205 | B.Tech-CE | Employability, Enterpreneurship | 2016-17 |
| Engineering Geology | CE206 | B.Tech-CE | Employability | 2016-17 |
| Material Testing Lab | CE251 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Building Drawing Lab | CE252 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Surveying-I Field Work | CE253 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Professional Ethics & Human Values | CE207 | B.Tech-CE | Employability | 2016-17 |
| Surveying-II | CE208 | B.Tech-CE | Employability | 2016-17 |
| Hydraulics & Hydraulic Machinces | CE209 | B.Tech-CE | Employability | 2016-17 |
| Structural Analysis | CE210 | B.Tech-CE | Employability | 2016-17 |
| Environmental Engineering-I | CE211 | B.Tech-CE | Employability, Enterpreneurship | 2016-17 |
| Data Structures Through C++ | CE212 | B.Tech-CE | Employability | 2016-17 |
| Engineering Geology Lab | CE254 | B.Tech-CE | Skill Development | 2016-17 |
| Hydraulics & Hydraulic Machinces Lab | CE255 | B.Tech-CE | Skill Development | 2016-17 |
| Envrnmental Engineering Lab | CE256 | B.Tech-CE | Skill Development | 2016-17 |

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|--|----------------|-----------|-------------------------------------|---------|
| Geo Technical Engineering - I | CE-301 | B.Tech-CE | Employability | 2016-17 |
| Water Resources Engineering - I | CE-302 | B.Tech-CE | Employability | 2016-17 |
| Railway, Airport & Harbor Engineering | CE-303 | B.Tech-CE | Employability | 2016-17 |
| Design of Concrete Structures - I | CE-304 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Design of Steel Structures - I | CE-305 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Structural Analysis - II | CE-306 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Surveying Field Work - II | CE-351 | B.Tech-CE | Skill Development | 2016-17 |
| Geo-Technical Engineering Lab | CE-352 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Geology Lab | CE-353 | B.Tech-CE | Skill Development | 2016-17 |
| Geo-Technical Engineering - II | CE-307 | B.Tech-CE | Employability | 2016-17 |
| Water Resources Engineering - II | CE-308 | B.Tech-CE | Employability | 2016-17 |
| Highway Engineering | CE-309 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Design of Steel Structures - II | CE-310 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Environmental Engineering - II | CE-311 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Design of Concrete Structures - II | CE-312 | B.Tech-CE | Employability, entrepreneurship | 2016-17 |
| Professional Communication Skills Lab | CE-354 | B.Tech-CE | Skill Development | 2016-17 |
| Computer Programming in Civil Engineering | CE-355 | B.Tech-CE | Skill Development | 2016-17 |
| Highway Engineering Lab | CE-356 | B.Tech-CE | Skill Development | 2016-17 |
| Transportation Engineering-I | CE411 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Construction Technology & Management | CE412 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Quantity Surveying | CE413 | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Prestressed Concrete | CE414A | B.Tech-CE | Employability | 2012-13 |
| Water Resources System Analysis | CE414B | B.Tech-CE | Employability | 2012-13 |
| Green Buildings | CE414C | B.Tech-CE | Employability | 2012-13 |
| Groundwater Development & Management | CE414D | B.Tech-CE | Employability, Entrepreneurship | 2012-13 |
| Finite Element Method | CE415A | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE415B | B.Tech-CE | Employability | 2012-13 |
| Operational Research | CE415C | B.Tech-CE | Employability | 2012-13 |
| Renewable Energy sources | CE415D | B.Tech-CE | Employability | 2012-13 |
| Bridge Engineering | CE416 | B.Tech-CE | Employability | 2012-13 |
| Analysis ,Design & Detailing of Structures Lab | CE451 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering Lab | CE452 | B.Tech-CE | Skill Development | 2012-13 |
| Project(Phase-I) | CE453 | B.Tech-CE | Skill Development | 2012-13 |
| Transportation Engineering-II | CE421 | B.Tech-CE | Employability | 2012-13 |
| Remote sensing & GIS | CE422 | B.Tech-CE | Employability | 2012-13 |
| Professional Ethics & Human Values | CE423 | B.Tech-CE | Employability | 2012-13 |
| Repair & Rehabilitation of structures | CE424A | B.Tech-CE | Employability | 2012-13 |
| Earthquake Resistant Design of Structures | CE424B | B.Tech-CE | Employability | 2012-14 |
| Advanced Environmental Engineering | CE424C | B.Tech-CE | Employability | 2012-15 |
| Ground Improvement Techniques | CE424D | B.Tech-CE | Employability | 2012-16 |
| Quantity Estimation & Project Management | CE461 | B.Tech-CE | Skill Development, Entrepreneurship | 2012-13 |
| Project(Phase-II) | CE462 | B.Tech-CE | Skill Development | 2012-13 |
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|---|--------|-----------|---------------------------------|---------|
| Mathematics-I | CE 111 | B.Tech-CE | Skill Delopment | 2018-19 |
| Engineering Physics | CE 112 | B.Tech-CE | Skill Delopment | 2018-19 |
| English for Communication Skills | CE113 | B.Tech-CE | Skill Delopment | 2018-19 |
| Physics Lab | CE 151 | B.Tech-CE | Skill Delopment | 2018-19 |
| English Language Communication Skills Lab | CEE152 | B.Tech-CE | Skill Delopment | 2018-19 |
| Work Shop Practice Lab | CE 153 | B.Tech-CE | Skill Delopment | 2018-19 |
| Three weeks Orientation Program | MC 000 | B.Tech-CE | Skill Delopment | 2018-19 |
| English Competency Development Program | CEV01 | B.Tech-CE | Skill Delopment | 2018-19 |
| Mathematics-II | CE 121 | B.Tech-CE | Skill Delopment | 2018-19 |
| Engineering Chemistry | CE 122 | B.Tech-CE | Skill Delopment | 2018-19 |
| Programming For Problem Solving | CE123 | B.Tech-CE | Skill Delopment, Employability | 2018-19 |
| Basic Mechanical Engineering | CE 124 | B.Tech-CE | Skill Delopment | 2018-19 |
| Engineering Mechanics | CE 125 | B.Tech-CE | Skill Delopment | 2018-19 |
| Chemistry Lab | CE161 | B.Tech-CE | Skill Delopment | 2018-19 |
| Programming For Problem Solving Lab | CE 162 | B.Tech-CE | Skill Delopment | 2018-19 |
| Engineering Graphics & Design Lab | CE 163 | B.Tech-CE | Skill Delopment | 2018-19 |
| Comutational Techniques & Stastical Methods | CE201 | B.Tech-CE | Skill Development | 2016-17 |
| Surveying-I | CE202 | B.Tech-CE | Employability, Entrepreneurship | 2016-17 |
| Fluid Mechanics -I | CE203 | B.Tech-CE | Employability | 2016-17 |
| Solid Mechanics-II | CE204 | B.Tech-CE | Employability | 2016-17 |
| Building Materials, Planing & Construction | CE205 | B.Tech-CE | Employability, Entrepreneurship | 2016-17 |
| Engineering Geology | CE206 | B.Tech-CE | Employability | 2016-17 |
| Material Testing Lab | CE251 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Building Drawing Lab | CE252 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Surveying-I Field Work | CE253 | B.Tech-CE | Skill Developmen t | 2016-17 |
| Professional Ethics & Human Values | CE207 | B.Tech-CE | Employability | 2016-17 |
| Surveying-II | CE208 | B.Tech-CE | Employability | 2016-17 |
| Hydraulics & Hydraulic Machinces | CE209 | B.Tech-CE | Employability | 2016-17 |
| Structural Analysis | CE210 | B.Tech-CE | Employability | 2016-17 |
| Environmental Engineering-I | CE211 | B.Tech-CE | Employability, Entrepreneurship | 2016-17 |
| Data Structures Through C++ | CE212 | B.Tech-CE | Employability | 2016-17 |
| Engineering Geology Lab | CE254 | B.Tech-CE | Skill Development | 2016-17 |
| Hydraulics & Hydraulic Machinces Lab | CE255 | B.Tech-CE | Skill Development | 2016-17 |
| Envrnmental Engineering Lab | CE256 | B.Tech-CE | Skill Development | 2016-17 |
| Geo Technical Engineering - I | CE-301 | B.Tech-CE | Employability | 2016-17 |
| Water Resources Engineering - I | CE-302 | B.Tech-CE | Employability | 2016-17 |
| Railway, Airport & Harbor Engineering | CE-303 | B.Tech-CE | Employability | 2016-17 |
| Design of Concrete Structures - I | CE-304 | B.Tech-CE | Employability, enterpreneuship | 2016-17 |
| Design of Steel Structures - I | CE-305 | B.Tech-CE | Employability, enterpreneuship | 2016-17 |
| Structural Analysis - II | CE-306 | B.Tech-CE | Employability, enterpreneuship | 2016-17 |
| Surveying Field Work - II | CE-351 | B.Tech-CE | Skill Development | 2016-17 |
| Geo-Technical Engineering Lab | CE-352 | B.Tech-CE | Skill Development | 2016-17 |
| Engineering Geology Lab | CE-353 | B.Tech-CE | Skill Development | 2016-17 |
| Geo-Technical Engineering - II | CE-307 | B.Tech-CE | Employability | 2016-17 |
| Water Resources Engineering - II | CE-308 | B.Tech-CE | Employability | 2016-17 |

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| | | | | |
| Theory of Elasticity and Plasticity | SE 511 | M.Tech-CE | Employability | 2017-18 |
| Dynamics of structures | SE 512 | M.Tech-CE | Employability | 2017-18 |
| Matrix methods of structural analysis | SE 513 | M.Tech-CE | Employability | 2017-18 |
| Fracture Mechanics | SE 574 | M.Tech-CE | Employability | 2017-18 |
| Ground Improvement Techniques | SE 582 | M.Tech-CE | Employability | 2017-18 |
| Adv. Design of Steel Structures | SE 583 | M.Tech-CE | Employability | 2017-18 |
| Structural Engineering Lab | SE 551 | M.Tech-CE | Skill Development | 2017-18 |
| Seminar | SE 552 | M.Tech-CE | Skill Development | 2017-18 |
| Finite Element Analysis of Structures | SE 521 | M.Tech-CE | Employability | 2017-18 |
| Stability of Structures | SE 522 | M.Tech-CE | Employability | 2017-18 |
| Theory of Plates and Shells | SE 523 | M.Tech-CE | Employability | 2017-18 |
| Advanced Theory & Design of RCC Structures | SE 571 | M.Tech-CE | Employability | 2017-18 |
| Advanced Foundation Engineering | SE 579 | M.Tech-CE | Employability | 2017-18 |
| Earthquake Resistant Design of Structures | SE 580 | M.Tech-CE | Employability | 2017-18 |
| Computer Aided Design Lab | SE 561 | M.Tech-CE | Skill Development | 2017-18 |
| Seminar | SE 562 | M.Tech-CE | Skill Development | 2017-18 |
| | 2018-19 | | | |
| Theory of Elasticity and Plasticity | SE 511 | M.Tech-CE | Employability | 2017-18 |
| Dynamics of structures | SE 512 | M.Tech-CE | Employability | 2017-18 |
| Matrix methods of structural analysis | SE 513 | M.Tech-CE | Employability | 2017-18 |
| Fracture Mechanics | SE 574 | M.Tech-CE | Employability | 2017-18 |
| Ground Improvement Techniques | SE 582 | M.Tech-CE | Employability | 2017-18 |
| Adv. Design of Steel Structures | SE 583 | M.Tech-CE | Employability | 2017-18 |
| Structural Engineering Lab | SE 551 | M.Tech-CE | Skill Development | 2017-18 |
| Seminar | SE 552 | M.Tech-CE | Skill Development | 2017-18 |
| Finite Element Analysis of Structures | SE 521 | M.Tech-CE | Employability | 2017-18 |
| Stability of Structures | SE 522 | M.Tech-CE | Employability | 2017-18 |
| Theory of Plates and Shells | SE 523 | M.Tech-CE | Employability | 2017-18 |
| Advanced Theory & Design of RCC Structures | SE 571 | M.Tech-CE | Employability | 2017-18 |
| Advanced Foundation Engineering | SE 579 | M.Tech-CE | Employability | 2017-18 |
| Earthquake Resistant Design of Structures | SE 580 | M.Tech-CE | Employability | 2017-18 |
| Computer Aided Design Lab | SE 561 | M.Tech-CE | Skill Development | 2017-18 |
| Seminar | SE 562 | M.Tech-CE | Skill Development | 2017-18 |