

Department of Civil Engineering
Course Offer of Fall-2020
B.Sc. in Civil Engineering (Day)

Regulation-2019
1st Year 1st Semester (Batch-23)

SL. No.	Course Code	Course Title	Credit Hours	Contact Hours/Week
1	CE 101	Analytical Mechanics	3.00	3.00
2	CE 107	Introduction to Civil Engineering	2.00	2.00
3	CHM 115	Chemistry	3.00	3.00
4	ENG 111	Foundation English	3.00	3.00
5	MTH 105	Basic Algebra, Matrices and Statistics	3.00	3.00
6	CE 100	Civil Engineering Drawing	1.50	3.00
Total =			15.5	17.0

Regulation-2019
1st year 2nd Semester (Batch-22)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 103	Surveying	4.00	4.00
2	HUM 101	Sociology	2.00	2.00
3	MTH 107	Differential and Integral Calculus	3.00	3.00
4	PHY 105	Physics	3.00	3.00
5	CE 102	Computer Aided Drafting	1.50	3.00
6	CHM 116	Chemistry Lab	1.50	3.00
Total =			15.0	18.0

Regulation-2019
1st year 3rd Semester (Batch-21)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 201	Engineering Materials	4.00	4.00
2	CE 211	Mechanics of Solids I	3.00	3.00
3	EEE 111	Basic Electrical Technology	3.00	3.00
4	MTH 109	Differential Equations and Probability	3.00	3.00
5	PHY 108	Physics Lab	1.50	3.00
Total =			14.50	16.0

Course Coordinator
 Department of Civil Engineering

Chairman
 Department of Civil Engineering

Department of Civil Engineering
Course Offer of FALL-2020
B.Sc. in Civil Engineering (Day)

Regulation-2019
2nd year 1st Semester (Batch-20)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 210	Numerical Methods & Programming	3.00	3.00
2	CE 213	Mechanics of Solids II	3.00	3.00
3	HUM 105	Accounting	2.00	2.00
4	MTH 111	Laplace Transform and Vector Analysis	3.00	3.00
5	CE 202	Engineering Materials Sessional	1.50	3.00
6	CE 204	Computer Programming Lab	1.50	3.00
Total =			14.0	17.0

Regulation-2019
2nd year 2nd Semester (Batch-19)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 203	Engineering Geology & Geomorphology	3.00	3.00
2	CE 215	Structural Analysis I	4.00	4.00
3	CE 251	Fluid Mechanics	3.00	3.00
4	CE 208	Quantity Surveying	1.50	3.00
5	CE 212	Structural Mechanics & Materials Lab	1.50	3.00
Total =			13.0	16.0

Regulation-2013
6th Semester (Batch-18)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 215	Structural Analysis I	4.00	4.00
2	CE 231	Principles of Soil Mechanics	4.00	4.00
3	CE 208	Quantity Surveying	1.50	3.00
4	CE 212	Structural Mechanics & Materials Lab	1.50	3.00
5	CE 252	Fluid Mechanics Lab	1.50	3.00
Total			12.5	17.0

Course Coordinator
 Department of Civil Engineering

Chairman
 Department of Civil Engineering

Department of Civil Engineering
Course Offer of FALL-2020
B.Sc. in Civil Engineering (Day)

Regulation-2013
7th Semester (Batch-17)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 311	Design of Concrete Structures I	3.00	3.00
2	CE 321	Environmental Engineering I	3.00	3.00
3	CE 341	Transportation Planning and Traffic Engineering	3.00	3.00
4	BBA 313	Industrial Economics	2.00	2.00
5	CE 332	Soil Mechanics Lab	1.50	3.00
Total			12.5	14.0

Regulation-2013
8th Semester (Batch-16)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 301	Professional Practices and Communication	3.00	3.00
2	CE 315	Design of Concrete Structures II	3.00	3.00
3	CE 331	Foundation Engineering	3.00	3.00
4	CE 351	Open Channel Flow	3.00	3.00
5	CE 312	Design of Concrete Structures Sessional I	1.50	3.00
6	CE 352	Open Channel Flow Lab	1.50	3.00
Total			15.0	18.0

Regulation-2013
9th Semester (Batch-15)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 303	Project Planning and Construction Management	4.00	4.00
2	CE 343	Highway Pavement Design and Railways	4.00	4.00
3	CE 353	Hydrology, Irrigation and Flood Management	4.00	4.00
4	CE 316	Design of Concrete Structures Sessional II	1.50	3.00
5	CE 322	Environmental Engineering Lab I	1.50	3.00
Total			15.0	18.0

Course Coordinator
 Department of Civil Engineering

Chairman
 Department of Civil Engineering

Department of Civil Engineering
Course Offer of FALL-2020
B.Sc. in Civil Engineering (Day)

Regulation-2013
10th Semester (Batch-14)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 411	Structural Analysis II	3.00	3.00
2	CE 403	Business and Career Development	3.00	3.00
3	CE 421	Environmental Engineering II	4.00	4.00
4	CE 206	Engineering Computations Sessional	1.50	3.00
5	CE 344	Transportation Engineering Lab	1.50	3.00
*	CE 400	Project and Thesis	1.50	3.00
Total			13.0	16.0
* Credit will be registered at 12 th semester				

Regulation-2013
11th Semester (Batch-13)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 413	Design of Steel Structures	3.00	3.00
2	CE 423	Solid and Hazardous Waste Management	3.00	3.00
3	CE 441	Advanced Foundation Engineering	3.00	3.00
4	CE 314	Design of Steel Structures Sessional	1.50	3.00
5	CE 418	Computer Aided Analysis and Design of Structures Sessional	1.50	3.00
*	CE 400	Project and Thesis	1.50	3.00
Total			12.0	15.0
* Credit will be registered at 12 th semester				

Course Coordinator
Department of Civil Engineering

Chairman
Department of Civil Engineering

Department of Civil Engineering
 Course Offer of FALL-2020
 B.Sc. in Civil Engineering (Day)

Regulation-2013
 12th Semester (Batch-12)

SL. NO	Course Code	Course title	Credit	Credit Hours
1	CE 415	Prestressed Concrete	3.00	3.00
2	CE 451	Traffic Engineering and Management	3.00	3.00
3	CE 428	Environmental Engineering Lab II	1.50	3.00
4	CE 400*	Project and Thesis	4.50	9.00
Total =			12.0	18.0
* Previous assigned credit has been added in this semester				

Course Coordinator
 Department of Civil Engineering

Chairman
 Department of Civil Engineering