



STUDY AND EVALUATION SCHEME (2020-2021)

SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS

Program:BTech(CivilEngineering)

Semester:1st

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0101[T]	Introduction to Structural Engineering	40	30	30	0	0	0	100	2	1	0	3
2	ECL0101[T]	Basic Electronics	40	30	30	0	0	0	100	2	1	0	3
3	HUL0101[T]	Communication Skills & Colloquium	40	30	30	0	0	0	100	3	0	0	3
4	MAL0101[T]	Calculus for Engineers	40	30	30	0	0	0	100	3	0	0	3
5	MEL0101[T]	Engineering Mechanics	40	30	30	0	0	0	100	2	1	0	3
6	ECL0101[P]	Basic Electronics	0	0	0	40	30	30	100	0	0	1	1
7	HUL0101[P]	Communication Skills & Colloquium	0	0	0	40	30	30	100	0	0	1	1
8	MAL0101[P]	Calculus for Engineers	0	0	0	40	30	30	100	0	0	1	1
9	MEL0101[P]	Engineering Mechanics	0	0	0	40	30	30	100	0	0	1	1
10	MEP0101[P]	Mechanical Workshop Practice	0	0	0	40	30	30	100	0	0	2	2
Total Credits												21	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 2nd

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0233[T]	Structural Materials	40	30	30	0	0	0	100	2	1	0	3
2	CSL0201[T]	Essentials of IT	40	30	30	0	0	0	100	2	1	0	3
3	EEL0201[T]	Principles of Electrical Engineering	40	30	30	0	0	0	100	2	1	0	3
4	ESL0201[T]	Environmental Science and Pollution Control	40	30	30	0	0	0	100	2	1	0	3
5	MAL0203[T]	Statistics for Engineers	40	30	30	0	0	0	100	2	1	0	3
6	MEL0202[T]	Engineering Graphics	40	30	30	0	0	0	100	3	0	0	3
7	CSL0201[P]	Essentials of IT	0	0	0	40	30	30	100	0	0	1	1
8	EEL0201[P]	Principles of Electrical Engineering	0	0	0	40	30	30	100	0	0	1	1
9	MAL0203[P]	Statistics for Engineers	0	0	0	40	30	30	100	0	0	1	1
10	MEL0202[P]	Engineering Graphics	0	0	0	40	30	30	100	0	0	1	1
Total Credits												22	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 3rd

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0302[T]	Strength of Materials	40	30	30	0	0	0	100	2	1	0	3
2	CEL0303[T]	Civil Engg. Materials & Concrete Technology	40	30	30	0	0	0	100	2	1	0	3
3	CEL0313[T]	Highway and Traffic Engineering	40	30	30	0	0	0	100	2	1	0	3
4	CEL0331[T]	Elementary design of structures (RCC)	40	30	30	0	0	0	100	2	1	0	3
5	MAL0308[T]	Engineering Mathematics	40	30	30	0	0	0	100	3	1	0	4
6	CED0301[P]	Evaluation of Industrial Training-1	0	0	0	40	30	30	100	0	0	2	2
7	CEL0302[P]	Strength of Materials	0	0	0	40	30	30	100	0	0	1	1
8	CEL0303[P]	Civil Engg. Materials & Concrete Technology	0	0	0	40	30	30	100	0	0	1	1
9	CEL0313[P]	Highway and Traffic Engineering	0	0	0	40	30	30	100	0	0	1	1
10	CEL0331[P]	Elementary design of structures (RCC)	0	0	0	40	30	30	100	0	0	1	1
11	CEP333[P]	Building Design	0	0	0	40	30	30	100	0	0	2	2
Total Credits													24

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 4th

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0406[T]	Fluid Mechanics	40	30	30	0	0	0	100	2	1	0	3
2	CEL0407[T]	Fundamentals of Surveying	40	30	30	0	0	0	100	2	1	0	3
3	CEL0408[T]	Fundamentals of Geotechnical Engineering	40	30	30	0	0	0	100	2	1	0	3
4	CEL0409[T]	Basic Methods of Structural Analysis	40	30	30	0	0	0	100	3	1	0	4
5	CEL0432[T]	Elementary Design of Structures (Steel)	40	30	30	0	0	0	100	2	1	0	3
6	CEL0406[P]	Fluid Mechanics	0	0	0	40	30	30	100	0	0	1	1
7	CEL0407[P]	Fundamentals of Surveying	0	0	0	40	30	30	100	0	0	1	1
8	CEL0408[P]	Fundamentals of Geotechnical Engineering	0	0	0	40	30	30	100	0	0	1	1
9	CSP0401[P]	OOPM	0	0	0	40	30	30	100	0	0	2	2
Total Credits													21

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 5th

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0510[T]	Hydraulics & fluid machine	40	30	30	0	0	0	100	2	1	0	3
2	CEL0511[T]	Advanced Surveying	40	30	30	0	0	0	100	2	1	0	3
3	CEL0512[T]	Fundamentals of Structural design(RCC)	40	30	30	0	0	0	100	2	1	0	3
4	CEL0514[T]	Advanced Methods of Structural Analysis	40	30	30	0	0	0	100	3	1	0	4
5	CEL0515[T]	Advanced Geotech Engineering	40	30	30	0	0	0	100	2	1	0	3
6	CED0501[P]	Industrial Training	0	0	0	40	30	30	100	0	0	2	2
7	CEL0510[P]	Hydraulics & fluid machine	0	0	0	40	30	30	100	0	0	1	1
8	CEL0511[P]	Advanced Surveying	0	0	0	40	30	30	100	0	0	1	1
9	CEL0512[P]	Fundamentals of Structural design(RCC)	0	0	0	40	30	30	100	0	0	1	1
10	CEL0515[P]	Advanced Geotech Engineering	0	0	0	40	30	30	100	0	0	1	1
Total Credits												22	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 6th

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0617[T]	Basic of Structural Design (Steel)	40	30	30	0	0	0	100	2	1	0	3
2	CEL0618[T]	Water Resource & Irrigation Engineering	40	30	30	0	0	0	100	3	1	0	4
3	CEL0619[T]	Advanced Structural Design (RCC)	40	30	30	0	0	0	100	2	1	0	3
4	CEL0620[T]	Railway, Bridges and tunnel engineering	40	30	30	0	0	0	100	2	1	0	3
5	CEL0621[T]	Quantity Surveying & Costing	40	30	30	0	0	0	100	2	1	0	3
6	CED0601[P]	Minor Project	0	0	0	40	30	30	100	0	0	2	2
7	CEL0617[P]	Basic of Structural Design (Steel)	0	0	0	40	30	30	100	0	0	1	1
8	CEL0619[P]	Advanced Structural Design (RCC)	0	0	0	40	30	30	100	0	0	1	1
9	CEL0621[P]	Quantity Surveying & Costing	0	0	0	40	30	30	100	0	0	1	1
Total Credits												21	

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 7th

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0723[T]	Advanced Structural Design(Steel)	40	30	30	0	0	0	100	2	1	0	3
2	CEL0724[T]	Environment Engineering -I	40	30	30	0	0	0	100	2	1	0	3
3	CEL0725[T]	Introduction to Construction Planning and Management	40	30	30	0	0	0	100	3	1	0	4
4	CED0702[P]	Industrial training	0	0	0	40	30	30	100	0	0	2	2
5	CED0703[P]	Major Project (Planning and Literature Survey)	0	0	0	40	30	30	100	0	0	2	2
6	CEL0723[P]	Advanced Structural Design(Steel)	0	0	0	40	30	30	100	0	0	1	1
7	CEL0724[P]	Environment Engineering -I	0	0	0	40	30	30	100	0	0	1	1
8		Elective2.	40	30	30	0	0	0	100	3	1	0	4
9		Elective1.	40	30	30	0	0	0	100	3	1	0	4
Total Credits													24

*Newly Added Courses

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STUDY AND EVALUATION SCHEME (SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: BTech(CivilEngineering)

Semester: 8th

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CEL0826[T]	Environment Engineering-II	40	30	30	0	0	0	100	2	1	0	3
2	CEL0827[T]	Design of Hydraulic Structures	40	30	30	0	0	0	100	2	1	0	3
3	CED0804[P]	Major Project	0	0	0	40	30	30	100	0	0	8	8
4	CEL0826[P]	Environment Engineering-II	0	0	0	40	30	30	100	0	0	1	1
5	CEL0827[P]	Design of Hydraulic Structures	0	0	0	40	30	30	100	0	0	1	1
6		Elective4.	40	30	30	0	0	0	100	3	1	0	4
7		Elective3.	40	30	30	0	0	0	100	4	0	0	4
Total Credits													24

*Newly Added Courses

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List of Elective Subjects

Subject Code	Subject Name	Subject Type	Semester
30701	MATRIX ANALYSIS OF STRUCTURES	Elective1	7th
30702[T]	Advanced Foundation Engineering	Elective1	7th
30703	Pavement Design	Elective1	7th
30708	Sustainable Construction Methods	Elective1.	7th
30705	Fundamentals of Remote Sensing & GIS	Elective2	7th
30706	Fluid Dynamics	Elective2	7th
30707	Wastewater Treatment and Recycling	Elective2	7th
30704[T]	Seismic analysis of structures	Elective2.	7th
30807	Plastic design of steel structure	Elective3	8th
30809[T]	Design of Pre stressed Concrete Structure	Elective3	8th
30813	Solid Waste Management	Elective3	8th
30808[T]	Building Environment & Services	Elective3.	8th
30811	Energy Efficient and Green Building	Elective4	8th
30812	Airport Engineering	Elective4	8th
30814	Urban Transportation Planning	Elective4	8th
30810[T]	Traffic Engineering	Elective4.	8th