

CIVIL ENGINEERING
R19-COURSE STRUCTURE – UG
SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C	I	E	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19EE1T01	Basic Electrical Engineering	3	0	0	3.0	30	70	100
4	19HS1T01	English	3	0	0	3.0	30	70	100
5	19CS1L02	IT Workshop	0	0	3	1.5	30	70	100
6	19BS1L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
7	19EE1L01	Basic Electrical Engineering Lab	0	0	3	1.5	30	70	100
8	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
			12	1	12	19	240	560	800

SEMESTER-II

S.No	Course Code	Course Title	L	T	P	C	I	E	TM
1	19MA2T02	Differential Equations and Vector Calculus	3	0	0	3.0	30	70	100
2	19BS2T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19CS2T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
4	19ME2T01	Engineering Graphics	3	0	0	3.0	30	70	100
5	19CE2T01	Applied Mechanics	3	0	0	3.0	30	70	100
6	19ME2L01	Engineering Workshop	0	0	3	1.5	30	70	100
7	19BS2L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
8	19CS2L01	C Programming Lab	0	0	3	1.5	30	70	100
9	19HS2L02	English Communication Skills Lab	0	0	3	1.5	30	70	100
			15	0	12	21	270	630	900

Electrical and Electronics Engineering R19-COURSE STRUCTURE – UG

SEMSTER-I

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19CS1T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
4	19ME1T01	Engineering Graphics	2	0	2	3.0	30	70	100
5	19BS1L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
6	19CS1L01	C Programming Lab	0	0	3	1.5	30	70	100
7	19CS1L02	IT Workshop	0	0	3	1.5	30	70	100
8	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
Total			11	1	14	19.0	240	560	800

SEMSTER-II

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA2T02	Differential Equations and Vector Calculus	3	0	0	3.0	30	70	100
2	19BS2T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19BS2T01	English	3	0	0	3.0	30	70	100
4	19ME2T02	Basics of Mechanical Engineering	3	0	0	3.0	30	70	100
5	19EE2T02	Electrical Networks	3	0	0	3.0	30	70	100
6	19BS2L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
7	19ME2L01	Engineering Workshop	0	0	3	1.5	30	70	100
8	19ME2L02	Mechanical Engineering Lab	0	0	3	1.5	30	70	100
9	19HS2L02	English Communication Skill Lab	0	0	3	1.5	30	70	100
Total			15	0	12	21.0	270	630	900

**MECHANICAL ENGINEERING
R19-COURSE STRUCTURE – UG(CBCS)**

SEMESTER-I

S.No	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19EE1T01	Basic Electrical Engineering	3	0	0	3.0	30	70	100
4	19ME1T01	Engineering Graphics	2	0	2	3.0	30	70	100
5	19CS1L02	IT Workshop	0	0	3	1.5	30	70	100
6	19BS1L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
7	19EE1L01	Basic Electrical Engineering Lab	0	0	3	1.5	30	70	100
8	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
Total			11	1	14	19	240	560	800

SEMESTER-II

S.No	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA2T02	Differential Equations and Vector Calculus	3	0	0	3.0	30	70	100
2	19BS2T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19CS2T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
4	19HS2T01	English	3	0	0	3.0	30	70	100
5	19ME2T03	Computer Aided Engineering Drawing	2	0	2	3.0	30	70	100
6	19ME2L01	Engineering Workshop	0	0	3	1.5	30	70	100
7	19BS2L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
8	19CS2L01	C Programming Lab	0	0	3	1.5	30	70	100
9	19HS2L02	English Communication Skills Lab	0	0	3	1.5	30	70	100
Total			14	0	14	21	270	630	900

ELECTRONICS AND COMMUNICATION ENGINEERING
R19-COURSE STRUCTURE – UG(CBCS)

SEMESTER-I

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19CS1T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
4	19ME1T01	Engineering Graphics	3	0	0	3.0	30	70	100
5	19CS1L02	IT Workshop	0	0	3	1.5	30	70	100
6	19BS1L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
7	19CS1L01	C Programming Lab	0	0	3	1.5	30	70	100
8	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
		Total	12	01	12	19.0			

SEMESTER-II

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA2T03	Vector Calculus and Numerical Methods	3	0	0	3.0	30	70	100
2	19BS2T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19CS2T02	Object Oriented Programming Using C++	3	0	0	3.0	30	70	100
4	19EE2T02	Electrical Networks	3	0	0	3.0	30	70	100
5	19HS2T01	English	3	0	0	3.0	30	70	100
6	19ME2L01	Engineering Workshop	0	0	3	1.5	30	70	100
7	19BS2L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
8	19CS2L03	C++ Programming Lab	0	0	3	1.5	30	70	100
9	19HS2L02	English Communication Skills Lab	0	0	3	1.5	30	70	100
		Total Credits				21.0			

**COMPUTER SCIENCE AND ENGINEERING
R19-COURSE STRUCTURE – UG(CBCS)**

SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C	IM	EX	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19HS1T01	English	3	0	0	3.0	30	70	100
4	19CS1T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
5	19BS1L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
6	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
7	19CS1L01	C Programming Lab	0	0	3	1.5	30	70	100
8	19ME1L01	Engineering Workshop	0	0	3	1.5	30	70	100
TOTAL			12	1	12	19	240	560	800

SEMESTER-II

S.No.	Course Code	Course Title	L	T	P	C	IM	EX	TM
1	19MA2T04	Differential Equations and Numerical Methods	3	0	0	3.0	30	70	100
2	19BS2T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19ME2T01	Engineering Graphics	3	0	0	3.0	30	70	100
4	19CS2T02	Object Oriented Programming Using C++	3	0	0	3.0	30	70	100
5	19EE2T01	Basic Electrical Engineering	3	0	0	3.0	30	70	100
6	19HS2L02	English Communication Skills Lab	0	0	3	1.5	30	70	100
7	19BS2L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
8	19CS2L02	IT Workshop	0	0	3	1.5	30	70	100
9	19CS2L03	C++ Programming Lab	0	0	3	1.5	30	70	100
TOTAL			15	0	12	21	270	630	900

**INFORMATION TECHNOLOGY
R19-COURSE STRUCTURE – UG(CBCS)**

SEMSTER-I

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA1T01	Calculus and Linear Algebra	3	1	0	4.0	30	70	100
2	19BS1T02	Engineering Chemistry	3	0	0	3.0	30	70	100
3	19CS1T01	Problem Solving and Programming Using C	3	0	0	3.0	30	70	100
4	19HS1T01	English	3	0	0	3.0	30	70	100
5	19ME1L01	Engineering Workshop	0	0	3	1.5	30	70	100
6	19BS1L02	Engineering Chemistry Lab	0	0	3	1.5	30	70	100
7	19CS1L01	C Programming Lab	0	0	3	1.5	30	70	100
8	19HS1L01	English Proficiency Lab	0	0	3	1.5	30	70	100
Total			12	1	12	19	240	560	800

SEMSTER-II

S. No.	Course Code	Course Title	L	T	P	C	IM	EM	TM
1	19MA2T04	Differential Equation and Numerical Methods	3	0	0	3.0	30	70	100
2	19BS2T01	Engineering Physics	3	0	0	3.0	30	70	100
3	19CS2T02	Object Oriented Programming Using C++	3	0	0	3.0	30	70	100
4	19ME2T01	Engineering Graphics	3	0	0	3.0	30	70	100
5	19EE2T01	Basic Electrical Engineering	3	0	0	3.0	30	70	100
6	19CS2L02	IT Workshop	0	0	3	1.5	30	70	100
7	19BS2L01	Engineering Physics Lab	0	0	3	1.5	30	70	100
8	19CS2L03	C++ Programming Lab	0	0	3	1.5	30	70	100
9	19HS2L02	English Communication Skills Lab	0	0	3	1.5	30	70	100
Total			15	0	12	21	270	630	900

L-LECTURE HOURS, T- TUTORIAL HOURS, P-PRACTICAL HOURS, C-CREDITS,
I- INTERNAL MARKS, E- EXTERNAL MARKS, TM- TOTAL MARKS