

**CIVIL ENGINEERING
R20-COURSE STRUCTURE – UG
SEMESTER-I**

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T02	Engineering Chemistry	3	0	0	3.0
3	20CE1T01	Building Materials and Construction	3	0	0	3.0
4	20ME1T01	Engineering Graphics	2	0	2	3.0
5	20ME1L02	Basic CAD Lab	0	0	3	1.5
6	20BS1L02	Engineering Chemistry Lab	0	0	3	1.5
7	20CE1L01	Building Planning and Drawing Lab	0	0	3	1.5
8	20HS1L01	English Proficiency Lab	0	0	3	1.5
			11	0	14	18

SEMESTER-II

S.No	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T01	Engineering Physics	3	0	0	3.0
3	20HS2T01	English	3	0	0	3.0
4	20CS2T01	Problem Solving Using C Programming	3	0	0	3.0
5	20ME2T01	Engineering Mechanics	3	0	0	3.0
6	20ME2L01	Engineering Workshop	0	0	3	1.5
7	20BS2L01	Engineering Physics Lab	0	0	3	1.5
8	20CS2L01	C Programming Lab	0	0	3	1.5
9	20HS2L02	English Communications Lab	0	0	3	1.5
			15	0	12	21

**Electrical and Electronics Engineering
R20-COURSE STRUCTURE – UG**

SEMSTER-I

S. No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T01	Engineering Physics	3	0	0	3.0
3	20CS1T01	Problem Solving Using C Programming	3	0	0	3.0
4	20ME1T02	Engineering Drawing	2	0	2	3.0
5	20BS1L01	Engineering Physics Lab	0	0	3	1.5
6	20CS1L01	C Programming Lab	0	0	3	1.5
7	20ME1L01	Engineering Workshop	0	0	3	1.5
8	20HS1L01	English Proficiency Lab	0	0	3	1.5
Total			11	0	14	18.0

SEMSTER-II

S. No.	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T02	Engineering Chemistry	3	0	0	3.0
3	20HS2T01	English	3	0	0	3.0
4	20ME2T02	Basics of Civil and Mechanical Engineering	3	0	0	3.0
5	20EE2T02	Electrical Networks	3	0	0	3.0
6	20BS2L02	Engineering Chemistry Lab	0	0	3	1.5
7	20IT2L01	IT Workshop	0	0	3	1.5
8	20ME2L02	Basics of Civil and Mechanical Engineering Lab	0	0	3	1.5
9	20HS2L02	English Communications Lab	0	0	3	1.5
Total			15	0	12	21.0

MECHANICAL ENGINEERING COURSE STRUCTURE – UG

SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T01	Engineering Physics	3	0	0	3.0
3	20EE1T01	Basic Electrical and Electronics Engineering	3	0	0	3.0
4	20ME1T01	Engineering Graphics	2	0	2	3.0
5	20ME1L02	Basic CAD Lab	0	0	3	1.5
6	19BS1L01	Engineering Physics Lab	0	0	3	1.5
7	20EE1L01	Basic Electrical and Electronics Engineering Lab	0	0	3	1.5
8	20HS1L01	English Proficiency Lab	0	0	3	1.5
			11	0	14	18

SEMESTER-II

S.No	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T02	Engineering Chemistry	3	0	0	3.0
3	20HS2T01	English	3	0	0	3.0
4	20CS2T01	Problem Solving Using C Programming	3	0	0	3.0
5	20ME1T01	Engineering Mechanics	3	0	0	3.0
6	20ME2L02	Engineering Workshop	0	0	3	1.5
7	20BS2L02	Engineering Chemistry Lab	0	0	3	1.5
8	20CS2L01	C Programming Lab	0	0	3	1.5
9	20HS2L02	English Communications Lab	0	0	3	1.5
			15	0	12	21

ELECTRONICS AND COMMUNICATION ENGINEERING COURSE STRUCTURE – UG

SEMSTER-I

S. No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T01	Engineering Physics	3	0	0	3.0
3	20CS1T01	Problem Solving Using C Programming	3	0	0	3.0
4	20ME1T02	Engineering Drawing	2	0	2	3.0
5	20BS1L01	Engineering Physics Lab	0	0	3	1.5
6	20CS1L01	C Programming Lab	0	0	3	1.5
7	20ME1L01	Engineering Workshop	0	0	3	1.5
8	20HS1L01	English Proficiency Lab	0	0	3	1.5
Total			11	0	14	18.0

SEMSTER-II

S. No.	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T02	Engineering Chemistry	3	0	0	3.0
3	20HS2T01	English	3	0	0	3.0
4	20CS2T02	Object Oriented Programming Using C++	3	0	0	3.0
5	20EE2T02	Electrical Networks	3	0	0	3.0
6	20BS2L02	Engineering Chemistry Lab	0	0	3	1.5
7	20IT2L01	IT Workshop	0	0	3	1.5
8	20CS2L02	Object Oriented Programming Using C++ Lab	0	0	3	1.5
9	20HS2L02	English Communications Lab	0	0	3	1.5
Total			15	0	12	21.0

**COMPUTER SCIENCE AND ENGINEERING
R20-COURSE STRUCTURE – UG(CBCS)**

SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T02	Engineering Chemistry	3	0	0	3.0
3	20HS1T01	English	3	0	0	3.0
4	20CS1T01	Problem Solving Using C Programming	3	0	0	3.0
5	20BS1L02	Engineering Chemistry Lab	0	0	3	1.5
6	20HS1L01	English Proficiency Lab	0	0	3	1.5
7	20CS1L01	C Programming Lab	0	0	3	1.5
8	20IT1L01	IT Work Shop	0	0	3	1.5
TOTAL			12	0	12	19

SEMESTER-II

S.No.	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T01	Engineering Physics	3	0	0	3.0
3	20IT2T01	IT Essentials	3	0	0	3.0
4	20CS2T03	Object Oriented Programming With Python	3	0	0	3.0
5	20EE2T01	Basic Electrical and Electronics Engineering	3	0	0	3.0
6	20HS2L02	English Communications Lab	0	0	3	1.5
7	20BS2L01	Engineering Physics Lab	0	0	3	1.5
8	19CS2L03	Object Oriented Programming Lab With Python	0	0	3	1.5
9	20EE2L01	Basic Electrical and Electronics Engineering Lab	0	0	3	1.5
TOTAL			15	0	12	21

**INFORMATION TECHNOLOGY
R20-COURSE STRUCTURE – UG(CBCS)
SEMESTER-I**

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T02	Engineering Chemistry	3	0	0	3.0
3	20HS1T01	English	3	0	0	3.0
4	20CS1T01	Problem Solving Using C Programming	3	0	0	3.0
5	20BS1L02	Engineering Chemistry Lab	0	0	3	1.5
6	20HS1L01	English Proficiency Lab	0	0	3	1.5
7	20CS1L01	C Programming Lab	0	0	3	1.5
8	20IT1L01	IT Work Shop	0	0	3	1.5
		TOTAL	12	0	12	19

SEMESTER-II

S.No.	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T01	Engineering Physics	3	0	0	3.0
3	20IT2T01	IT Essentials	3	0	0	3.0
4	20CS2T03	Object Oriented Programming With Python	3	0	0	3.0
5	20EE2T01	Basic Electrical and Electronics Engineering	3	0	0	3.0
6	20HS2L02	English Communications Lab	0	0	3	1.5
7	20BS2L01	Engineering Physics Lab	0	0	3	1.5
8	19CS2L03	Object Oriented Programming Lab With Python	0	0	3	1.5
9	20EE2L01	Basic Electrical and Electronics Engineering Lab	0	0	3	1.5
		TOTAL	15	0	12	21

**ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
R20-COURSE STRUCTURE – UG(CBCS)**

SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T02	Engineering Chemistry	3	0	0	3.0
3	20HS1T01	English	3	0	0	3.0
4	20CS1T01	Problem Solving Using C Programming	3	0	0	3.0
5	20BS1L02	Engineering Chemistry Lab	0	0	3	1.5
6	20HS1L01	English Proficiency Lab	0	0	3	1.5
7	20CS1L01	C Programming Lab	0	0	3	1.5
8	20IT1L01	IT Work Shop	0	0	3	1.5
TOTAL			12	0	12	19

SEMESTER-II

S.No.	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T01	Engineering Physics	3	0	0	3.0
3	20IT2T01	IT Essentials	3	0	0	3.0
4	20CS2T03	Object Oriented Programming With Python	3	0	0	3.0
5	20EE2T01	Basic Electrical and Electronics Engineering	3	0	0	3.0
6	20HS2L02	English Communications Lab	0	0	3	1.5
7	20BS2L01	Engineering Physics Lab	0	0	3	1.5
8	20CS2L03	Object Oriented Programming Lab With Python	0	0	3	1.5
9	20EE2L01	Basic Electrical and Electronics Engineering Lab	0	0	3	1.5
TOTAL			15	0	12	21

**ROBOTICS
COURSE STRUCTURE – UG**

SEMESTER-I

S.No.	Course Code	Course Title	L	T	P	C
1	20MA1T01	Linear Algebra	3	0	0	3.0
2	20BS1T01	Engineering Physics	3	0	0	3.0
3	20EE1T01	Basic Electrical and Electronics Engineering	3	0	0	3.0
4	20ME1T01	Engineering Graphics	2	0	2	3.0
5	20ME1L02	Basic CAD Lab	0	0	3	1.5
6	19BS1L01	Engineering Physics Lab	0	0	3	1.5
7	20EE1L01	Basic Electrical and Electronics Engineering Lab	0	0	3	1.5
8	20HS1L01	English Proficiency Lab	0	0	3	1.5
			11	0	14	18

SEMESTER-II

S.No	Course Code	Course Title	L	T	P	C
1	20MA2T02	Differential Equations and Numerical Methods	3	0	0	3.0
2	20BS2T02	Engineering Chemistry	3	0	0	3.0
3	20HS2T01	English	3	0	0	3.0
4	20CS2T01	Problem Solving Using C Programming	3	0	0	3.0
5	20ME1T01	Engineering Mechanics	3	0	0	3.0
6	20ME2L02	Engineering Workshop	0	0	3	1.5
7	20BS2L02	Engineering Chemistry Lab	0	0	3	1.5
8	20CS2L01	C Programming Lab	0	0	3	1.5
9	20HS2L02	English Communications Lab	0	0	3	1.5
			15	0	12	21

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