

Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur



Curriculum Structure for First Year Bachelor of Technology

(To be Implemented from Academic Year 2021-2022)

UG Programmes in

- **Civil Engineering**
- **Civil and Environmental Engineering**
- **Mechanical Engineering**
- **Biotechnology Engineering**

Semester - II						
Course Code	Course Name	Curriculum Component	Teaching Scheme			
			L	T	P	C
Induction program as per AICTE guidelines						
UHSC0201	Engineering Mathematics-II	BS	3	1	-	4
UHSC0211	Applied Chemistry	BS	3	-	-	3
UHSC0212	Engineering Mechanics	ES	3	-	-	3
UHSC0213	Basic Mechanical Engineering	ES	3	-	-	3
UHSC0214	Introduction to Programming	ES	2	-	-	2
UHSC0233	Applied Chemistry Lab	BS	-	-	2	1
UHSC0234	Engineering Mechanics Lab	ES	-	-	2	1
UHSC0235	Basic Mechanical Engineering Lab	ES	-	-	2	1
UHSC0236	Basic Electrical Engineering Lab	ES	-	-	2	1
UHSC0137	Introduction to Programming Lab	ES	-	-	2	1
UHSA0252	Audit Course-II (Human Values and Professional Ethics)	AU	2	-	-	-
		Total	16	1	10	20
	Total Contact hours – 27, Total Credits - 20					

Group 4: (Division: M, N & P)

Semester - II						
Course Code	Course Name	Curriculum Component	Teaching Scheme			
			L	T	P	C
Induction program as per AICTE guidelines						
UHSC0201	Engineering Mathematics-II	BS	3	1	-	4
UHSC0202	Communication Skills	HS	2	-	-	2
UHSC0208	General Physics and Optics	BS	3	-	-	3
UHSC0209	Basic Civil Engineering	ES	3	-	-	3
UHSC0210	Computer Aided Engineering Graphics (CAEG)	ES	2	-	-	2
UHSC0221	Communication Skills Lab	HS		-	2	1
UHSC0229	General Physics and Optics Lab	BS	-	-	2	1
UHSC0230	Basic Civil Engineering Lab	ES	-	-	2	1
UHSC0231	Computer Aided Engineering Graphics (CAEG) Lab	ES	-	-	4	2
UHSC0232	Workshop Practice Lab (Mechanical)	ES	-	-	2	1
UHSA0151	Audit Course-I (Entrepreneurship Development)	AU	2	-	-	-
		Total	15	1	12	20
	Total Contact hours – 28, Total Credits - 20					