

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

TEACHING & EXAMINATION SCHEME FOR B TECH PROGRAMME IN CE ENGINEERING

CHOICE BASED CREDIT SYSTEM

Sem	Course Code	Course Title	Teaching Scheme				Examination Scheme				
			Contact Hours			Credit	Theory		Practical		Total
			Theory	Practical	Total		Internal	External	Internal	External	
Sem 5	CE354	Operating System	4	2	6	5	30	70	25	25	150
	CE355	Design & Analysis of Algorithms	4	2	6	5	30	70	25	25	150
	CE343	Software Engineering	3	2	5	4	30	70	25	25	150
	CEXXX	Programme Elective-I	2	4	6	4	30	70	50	50	200
	CE356	Software Group Project-III		4	4	2			50	50	100
	CE346	Summer Internship-I				3			75	75	150
	HSI31.02 A	Communication and Soft skills		2	2	2			30	70	100
			13	16	29	25	120	280	280	320	1000
Sem 6	CE357	Artificial Intelligence	3	2	5	4	30	70	25	25	150
	CE348	Information Security	4	2	6	5	30	70	25	25	150
	CE349	Theory of Computation	3		3	3	30	70	0	0	100
	CE358	Computer Networks	3	2	5	4	30	70	25	25	150
	CEXXX	Programme Elective-II	3	2	5	4	30	70	25	25	150
	CE359	Software Group Project-IV		4	4	2			50	50	100
	HSI32.02 A	Contributory Personality Development		2	2	2			30	70	100
			16	14	30	24	150	350	180	220	900

Note:

- **University Elective (UE):-** University Electives are offered in common slots and offered by various departments. Students of any programme can select these electives. Subjects like Research Methodology, Occupational Health & Safety, Engineering Economics, Professional Ethics, and Project Management, Disaster Management, Risk Management etc. can be included.
- **Cluster Elective (CT):-** Institutional Electives means common electives among a cluster of programmes (eg. CE/IT/EC/EE etc.). If Institutional Electives are not applicable, it will be Programme electives
- **Programme Elective (PE):-**
- **Institute Elective (IE):-**
- Provision for Auditing a course will be available