

Program Structure for Fourth Year Engineering Semester VII & VIII
UNIVERSITY OF MUMBAI
(With Effect from 2023-24)

Semester VIII

Course Code	Course Name	Teaching Scheme (Contact Hours)				Credits Assigned			
		Theory		Prac	Theory	Oral	Total		
CSC801	Malware Analysis	3		--	3	--	3		
CSDO801X	Department Optional Course – 5	3		--	3	--	3		
CSDO802X	Department Optional Course – 6	3		--	3	--	3		
CSIO801X	Institute Optional Course – 2	3		--	3	--	3		
CSL801	Mobile Forensic Lab	--		2	--	1	1		
CSL802	Dark Web Investigation Lab	--		2	--	1	1		
CSP801	Major Project II	--		12#	--	6	6		
Total		12		16	12	8	20		
Course Code	Course Name	Examination Scheme							
		Theory					Term Work	Oral	Total
		Internal Assessment			End Sem Exam	Exam. Duration (in Hrs)			
		Test 1	Test2	Avg					
CSC801	Malware Analysis	20	20	20	80	3	--	--	100
CSDO801X	Department Optional Course – 5	20	20	20	80	3	--	--	100
CSDO802X	Department Optional Course – 6	20	20	20	80	3	--	--	100
ILO801X	Institute Optional Course – 2	20	20	20	80	3	--	--	100
CSL801	Mobile Forensic Lab	--	--	--	--	--	25	25	50
CSL802	Dark Web Investigation Lab	--	--	--	--	--	25	25	50
CSP801	Major Project II	--	--	--	--	--	100	50	150
Total		--	--	80	320	--	150	100	650

indicates workload of Learner (Not Faculty), for Major Project

Students group and load of faculty per week.

Major Project 1 and 2:

Students can form groups with minimum 2 (Two) and not more than 4 (Four) Faculty Load: In Semester VII – ½ hour per week per project group.

In Semester VIII – 1 hour per week per project group

CSDO801X	Department Optional Course – 5
CSDO8011	Social & Ethical Issues of the Internet
CSDO8012	IoTs & Embedded Security
CSDO8013	Cognitive Psychology in Cyber Security
CSDO8014	Intelligent Forensic

CSDO802X	Department Optional Course –6
CSDO8021	Advance Blockchain Technology
CSDO8022	Metaverse
CSDO8023	Green IT
CSDO8024	Cyber Security laws & legal aspects

	Institute Optional Course – 2 (Common for all branches will be notified)
ILO8011	Project Management
ILO8012	Finance Management
ILO8013	Entrepreneurship Development and Management
ILO8014	Human Resource Management
ILO8015	Professional Ethics and CSR
ILO8016	Research Methodology
ILO8017	IPR and Patenting
ILO8018	Digital Business Management
ILO8019	Environmental Management