

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



B.TECH (INFORMATION TECHNOLOGY) FOUR YEAR PROGRAM CURRICULUM STRUCTURE & SYLLABI (2023-2027 BATCH ONWARDS)



**SCHOOL OF ENGINEERING AND TECHNOLOGY
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH**

Curriculum Components

Component	Credits
1. University Core (4 Courses)	8
2. University Elective (2 Courses)	6
3. Basic Science (9 Courses)	24
4. Engineering Science (9 Courses)	21
5. Program Core (31 Courses)	69
6. Program Elective / MOOCs(6 Courses)	15
7. Project / Summer Internship Project (7 Courses)	17
8. Proficiency (Non-Credit / Non-Graded) (6 Courses)	6
Total	160

First Year - Autumn Semester

Course Code	Course Title	Contact Hours Per Week			Credits	ETE Duration (Hours)	Weightage			
		L	T	P			CW	MTE	PBL	ETE
UC 23.101	Human Values & Professional Ethics	2	0	0	2	3	10	40		50
MA 23.101	Mathematics-I	3	1	0	4	3	10	40		50
PY 23.101	Engineering Physics	3	0	0	3	3	10	40		50
EE 23.101	Basics of Electrical Engineering	3	1	0	4	3	10	40		50
CS 23.101	Programming for problem solving	3	0	0	3	3	10	40		50
PY 23.111	Physics laboratory	0	0	2	1	2	20	20	20	40
EE 23.111	Electrical Laboratory	0	0	2	1	2	20	20	20	40
CS 23.111	Programming laboratory	0	0	4	2	2	20	20	20	40
ME 23.112	Mechanical Workshop	0	0	2	1	2	20	20	20	40
CY 23.102	Environmental Sciences	2	0	0	2	3	10	40		50
SF 101	Personal Grooming and Fine Dining(Non Credit, Non Grade)	0	0	2	1	2	50			50
	Total				23					

First Year -Spring Semester

First Year -Spring Semester										
Course Code	Course Title	Contact Hours Per Week			Credits	ETE Duration (Hours)	Weightage			
		L	T	P			CW	MTE	PBL	ETE
UC 23.102	Pragmatic English Communication	2	0	0	2	3	10	40		50
MA 23.102	Mathematics-II	3	1	0	4	3	10	40		50
CY 23.101	Engineering Chemistry	3	0	0	3	3	10	40		50
ME 23.101	Applied Mechanics	3	1	0	4	3	10	40		50
EC 23.101	Basics of Electronics Engineering	3	1	0	4	3	10	40		50
CS 23.102	Object Oriented Programming Through C++	3	0	0	3	3	10	40		50
ME 23.111	Computer Aided Engineering drawing	0	0	4	2	2	20	20	20	40
CY 23.111	Chemistry Laboratory	0	0	2	1	2	20	20	20	40
EC 23.111	Electronics Laboratory	0	0	2	1	2	20	20	20	40
CS 23.112	Object Oriented Programming Laboratory	0	0	2	1	2	20	20	20	40
SF 102	Social Grooming, Home & Decor and Business Communication (Non Grade)	0	0	2	1	2	50			50
	Total				25					