

Name of the Faculty : FACULTY OF ENGINEERING AND TECHNOLOGY

Date of SOE Submission: 15/04/2023

Name of the Program (As to be printed on the Degree Certificate): MASTER OF TECHNOLOGY (COMPUTER SCIENCE & ENGINEERING)

Session: 2022-23 onwards

S. No.	Semester/Year/Prof	Council Code (If any)	Subject Code (If already existing)	Nomenclature	Theory/ Practical /	Core/ DSE/ AECC/ SEC/ VAC/ GE/ MDGE/S subsidy	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Theory External		Theory (Internal)				Practical External				Practical (Internal)				Overall Pass Marks	End Term Examination Overall Passing Criteria: Theory: [External+Internal] or Practical: [External+Internal]	If Combined: Theory+ Practical																															
												Max	Pass	Attendance Marks	Mid Term Weightage	Assignment	Professional Activities	Max	Pass	emonstration/Presentation	Viva-voce	Max	Pass	Attendance	Mid Term				Project/Lab Work	Conduct/Demonstration	Max	Pass																											
1	II	-	13070101	Data Science with Python	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													
2		-	13070102	Medical image processing	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													
3		-	13070103	Advanced DBMS	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													
4		-	13070108	Data Science with Python Lab	Practical	Core	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal																												
5		-	13070109	Advanced DBMS Lab	Practical	Core	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal																												
6		-	13070110	Medical image processing Lab	Practical	Core	Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal																												
Choose one of the following (Theory+Corresponding Practical)																																																											
7		-	13070104	Micro Systems & Hybrid Technology	Theory	DSE-I	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal																												
8		-	13070105	IoT and Cloud Computing																													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9		-	13070106	Mobile and Wireless Security																													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10		-	13070107	Bio-Inspired Computing	Practical		Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal																												
11		-	13070111	Micro Systems & Hybrid Technology Lab																													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12		-	13070112	IoT and Cloud Computing Lab																													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13		-	13070113	Mobile and Wireless Security Lab			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
14	-	13070114	Bio-Inspired Computing Lab	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																											
Total Credits for the Semester								12	0	8	16																																																
Specialization 1 (Bigdata Analytics)																																																											
15	-	13070115	Machine learning	Theory	SEC		Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal																												
16	-	13070116	Machine learning Lab	Practical	SEC		Separate	0	0	2	1	-	-	-	-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal																												
Total Credits for the Semester								15	0	10	20																																																
Semester-II																																																											
17	-	13070201	Advance Software Engineering & Testing	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													
18	-	13070202	Software Project Management	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													
19	-	13070203	Data Mining	Theory	Core	Separate	3	0	0	3	60	24	20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal																													

45	-	13070308	Web Intelligence and Big Data	Theory	DSE-IV	Separate	3	0	0	3	60	24		20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	40	External + Internal													
46	-	13070309	Knowledge Engineering and Intelligent Systems																-	-	-	-	-	-	-	-	-	-																
47	-	13070310	Cryptosystem																-	-	-	-	-	-	-	-	-	-																
Choose one of the following(Theory+Corresponding Practical)																																												
48	-	13070311	Signal Processing and Data Analytics	Theory	DSE-V	Separate	3	0	0	3	60	24		20	10	10	40	16	-	-	-	-	-	-	-	-	-	-																
49	-	13070312	Bigdata Frameworks																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	-	13070313	Digital Forensics																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
51	-	13070314	Deep Learning and its Applications																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
52	-	13070320	Signal Processing and Data Analytics Lab	Practical	DSE-V	Separate	0	0	2	1	-	-		-	-	-	-	-	20	20	40	16	10	10	10	30	60	24	40	External + Internal														
53	-	13070321	Bigdata Frameworks Lab																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
54	-	13070322	Digital Forensics Lab																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
55	-	13070323	Deep Learning and its Applications Lab																-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total Credits for the Semester							15	0	10	20																																		
Specialization 1 (Bigdata Analytics)																																												
56	-	13070325	Domain Specific Predictive Analytics	Theory	SEC	Separate	3	0	0	3	60	24		20	10	10	40	16	-	-	-	-	-	-	-	-	-	-	-	External + Internal														
Total Credits for the Semester							18	0	10	23																																		
Semester-IV																																												
57	IV/II	-	13070401	Dissertation	Practical	Core	Separate	-	-	20W	20	-	-	-	-	-	-	-	-	40	40	80	32	20	20	20	60	120	48	80	External + Internal													
Total Credits for the Semester								0	0	20W	20																																	
Total Credits for M.Tech (CSE)											72																																	
Total Credits for M.Tech (CSE) with minors in Bigdata Analytics											83																																	
Important Related Information																																												
Total credits required for the degree																																												
Is there provision for Internal Marks Revision				Yes	As per University Policy																																							
Number of chances for reappear				As per University ordinance																																								
Promotion Criteria				To be provided																																								