

B.Sc./ M.Sc. IT Software Development (Web + Mobile) (5 Years Integrated) Subject Matrix

Semster - I

Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Fundamentals of Office Applications	IMS101	1T+3P	30	11	70	25	100	36
2	Practical	Computer Programming Principles	SMD102	1T+3P	30	11	70	25	100	36
3	Theory	Introduction to Information Technology	SMD103	4T	30	11	70	25	100	36
4	Practical	Roadmap to Computing	SMD104	3T+1P	30	11	70	25	100	36
5	Practical	Basics of Desktop Operating Systems	IMS102	1T+3P	30	11	70	25	100	36
6	Theory	Communication Skills - I	IMS106	4T	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT					24					

Semster - II

Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Advanced Communication Skills	COM05	1T+3P	30	11	70	25	100	36
2	Practical	Introduction to Java Programming	SMD201	1T+3P	30	11	70	25	100	36
3	Practical	Introduction to Computer Database	SMD202	1T+3P	30	11	70	25	100	36
4	Practical	Fundamentals of Web Development	COM04	2T+2P	30	11	70	25	100	36
5	Practical	Computer Graphics	COM06	1T+3P	30	11	70	25	100	36
6	Theory	Computing as a career	SMD205	4T	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT					24					

Semster - III										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Foundation of Linux	SMD301	1T+3P	30	11	70	25	100	36
2	Practical	Advanced Java programming - I	SMD302	1T+3P	30	11	70	25	100	36
3	Practical	Programming using Python - I	SMD303	1T+3P	30	11	70	25	100	36
4	Practical	Database Administration - I	SMD304	2T+2P	30	11	70	25	100	36
5	Practical	Developing Windows Applications - I	SMD305	1T+3P	30	11	70	25	100	36
6	Theory	Fundamentals of Datastructure	SMD306	4T	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT					24					
Semster - IV										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Introduction To Web Development- I	SMD401	1T+3P	30	11	70	25	100	36
2	Practical	Advanced Java Programming – II	SMD402	1T+3P	30	11	70	25	100	36
3	Practical	Programming using Python – II	SMD403	1T+3P	30	11	70	25	100	36
4	Practical	Computer Networks	SMD404	1T+3P	30	11	70	25	100	36
5	Practical	Project -I	SMD405	1T+3P	30	11	70	25	100	36
6	Theory	Software Engineering	SMD406	4T	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT					24					

Semster - V										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Introduction To Web Development- II	SMD501	4P	30	11	70	25	100	36
2	Practical	Internet of Things-I	SMD502	4P	30	11	70	25	100	36
3	Practical	Database Administration – II	SMD503	4P	30	11	70	25	100	36
4	Practical	Software Testing	SMD504	4P	30	11	70	25	100	36
5	Practical	Developing Windows Applications – II	SMD505	4P	30	11	70	25	100	36
6	Theory	Operating System	SMD506	4T	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT				24						

Semster - VI										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Introduction To Android Programming	SMD601	4P	30	11	70	25	100	36
2	Practical	Introduction To iOS Programming	SMD602	4P	30	11	70	25	100	36
3	Practical	Project Management	SMD603	4P	30	11	70	25	100	36
4	Practical	PROJECT – I	SMD604	4T+8P	90	33	210	75	300	108
Grand Total Marks					180		420		600	
TOTAL CREDIT				24						

Semster - VII										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Advanced Android Programming	SMD701	4P	30	11	70	25	100	36
2	Practical	Advanced iOS Programming	SMD702	4P	30	11	70	25	100	36
3	Practical	Digital Marketing	SMD703	4P	30	11	70	25	100	36
4	Practical	Cross Platform App Development	SMD704	4P	30	11	70	25	100	36
5	Theory	Mobile Architecture And App Development	SMD705	4T	30	11	70	25	100	36
6	Practical	Project – III	SMD706	4P	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT				24						

Semster - VIII										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	Mobile Testing	SMD801	4P	30	11	70	25	100	36
2	Practical	Internet Of Things-II	SMD802	4P	30	11	70	25	100	36
3	Practical	Introduction To Unity	SMD803	4P	30	11	70	25	100	36
4	Practical	Fundamentals Of .NET MVC Architecture-I	SMD804	4P	30	11	70	25	100	36
5	Theory	Mobile Ecosystem and Business Model	SMD805	4T	30	11	70	25	100	36
6	Practical	Project – IV	SMD806	4P	30	11	70	25	100	36
Grand Total Marks					180		420		600	
TOTAL CREDIT				24						

Semster - IX										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	E-commerce	SMD901	4P	30	11	70	25	100	36
2	Practical	Database Administrator-III	SMD902	4P	30	11	70	25	100	36
3	Practical	Introduction To Unity Development-II	SMD903	4P	30	11	70	25	100	36
4	Practical	Fundamentals Of .NET MVC Architecture-II	SMD904	4P	30	11	70	25	100	36
5	Practical	Search Engine Optimization	SMD905	4P	30	11	70	25	100	36
6	Practical	Project – V	SMD906	4P	30	11	70	25	100	36
Grand Total Marks							180	420	600	
TOTAL CREDIT				24						

Semster - X										
Sr.No.	Mode of Examination	Subject Title	Subject Code	Credits	Internal Marks		External Marks		Total Marks	
					Total	Passing Score	Total	Passing Score	Total	Passing Score
1	Practical	PROJECT	SMD100	6T+18P	180	77	420	150	600	216
Grand Total Marks							180	420	600	
TOTAL CREDIT				24						