

**St. Joseph's College of Engineering & Technology, Palai**  
**Department of Computer Applications**

**CO TARGET for 2022-24 Batch**

CO's		CO1	CO2	CO3	CO4	CO5	CO6	CO7
<b>Sem 1</b>								
20MCA101	Mathematical Foundations for Computing	65	55	55	55	55		
20MCA103	Digital Fundamentals & Computer Architecture	55	55	65	60	60	60	
20MCA105	Advanced Data Structures	70	60	60	65	65		
20MCA107	Advanced Software Engineering	65	65	65	50	60	50	50
20MCA131	Programming Lab	65	60	60	60	65		
20MCA133	Web Programming Lab	65	65	60	60	60		
20MCA135	Data Structures Lab	60	60	65	65	60		
<b>Sem 2</b>								
20MCA102	Advanced Database Management Systems	65	55	65	65	65	60	
20MCA104	Advanced Computer Networks	60	70	60	60	70		
20MCA172	Advanced Operating Systems	55	65	60	60	65		
20MCA192	IPR and Cyber Laws	60	50	60	60	60		
20MCA132	Object Oriented Programming Lab	65	55	55	60	60	60	
20MCA134	Advanced DBMS Lab	55	55	65	55	65	60	
20MCA136	Networking & System Administration Lab	60	60	60	60	65	65	
<b>Sem 3</b>								
20MCA201	Data Science & Machine Learning	65	55	60	55	55		
20MCA203	Design & Analysis of Algorithms	60	50	65	60	65		
20MCA263	Cyber Security & Cryptography	70	60	60	60	65		
20MCA283	Deep Learning	60	50	50	50	60		
20MCA241	Data Science Lab	60	60	60	60	60		
20MCA243	Mobile Application Development Lab	55	55	55	55	55		
20MCA245	Mini Project	65	55	55	55	55	55	55
<b>Sem 4</b>								
20MCA242	Comprehensive Viva	65	65	65	55			
20MCA244	Seminar	70	70	60	60	70		
20MCA246	Main Project	65	55	55	55	55	55	55