

Tilak Maharashtra Vidyapeeth
Department of Computer Science
Master of Computer Applications (MCA) - (572) Course Structure 2025-26

Master of Computer Applications (MCA) - (572)									
Subject Code	Subject Name	Category	Credit Th Pr		Theory Marks EXT INT		Practical Marks EXT INT		Tot. Marks
MCA24-101	Advanced C programming and Data Structure	Core	3	-	60	40	-	-	100
MCA24-102	Green Computing	DSC	3	-	60	40	-	-	100
MCA24-103	Discrete Mathematics	Core	3	-	60	40	-	-	100
MCA24-104	Advanced Linux & Shell Programming	DSC	3	-	60	40	-	-	100
MCA24-105	Software Engineering	DSC	3	-	60	40	-	-	100
MCA24-106	Research Methodology	AECC	4	-	60	40	-	-	100
MCA24-107	MOOC(C++)	MOOC	1	-	-	50	-	-	50
MCA24-108	Advanced C programming and Data Structure (PR)	DSC-LAB	-	1	-	-	30	20	50
MCA24-109	Linux & Shell Programming (PR)	DSC-LAB	-	1	-	-	30	20	50
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MCA24-201	CTIT (Cyber Security + Intro. Block Chain)	Core	3	-	60	40	-	-	100
MCA24-202	Advanced Computer Network	DSC	3	-	60	40	-	-	100
MCA24-203	Django Web Framework	DSC	3	-	60	40	-	-	100
MCA24-204	Project	Core	-	4	-	-	-	100	100
MCA24-205	Internship	Internship	-	4	-	-	-	100	100
MCA24-206	MOOC (From Developer to Entrepreneur)	MOOC	2	-	-	50	-	-	50
IKS-24-01	IKS - I	IKS	2	-	-	50	-	-	50
MCA24-208	Django Web Framework (PR)	DSC-LAB	-	1	-	-	30	20	50
22									650

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MCA24-301	Data Mining & KDD	Core	3	-	60	40	-	-	100	
MCA24-302 OR MCA34-303	Data Analytics using Python OR Cloud Computing	DSE	3	-	60	40	-	-	100	
MCA24-304 OR MCA24-305	Web Application Development using .net OR Full Stack Development	DSE	3	-	60	40	-	-	100	
MCA24-306	Software Testing and Tools	DSC	2	-	30	20	-	-	50	
MCA24-307	Cryptography and Network Security	DSC	3	-	60	40	-	-	100	
MCA24-308	Research Project	Research Project	-	4	-	-	-	100	100	
MCA24-309 OR MCA24-310	Data Analytics using Python (PR) OR Cloud Computing (PR)	DSE-LAB	-	1	-	-	30	20	50	
MCA24-311 OR MCA24-312	Web Application Development using .net (PR) OR Full Stack Development (PR)	DSE-LAB	-	1	-	-	30	20	50	
IKS-24-02	IKS - II	IKS	2	-	-	50	-	-	50	
22700										
MCA24-401	Artificial Intelligence	Core	3	-	60	40	-	-	100	
MCA24-402	Software Project Management	DSC	4	-	60	40	-	-	100	
MCA24-403	Research Paper	Research Paper	2	-	-	50	-	-	50	
MCA24-404	Internship	OJT	-	6	-	-	-	200	200	
MCA24-405	Research Project	Research Project	-	6	-	-	-	200	200	
MCA24-406	Artificial intelligence (PR)	Core-Lab	-	1	-	-	30	20	50	
22700										