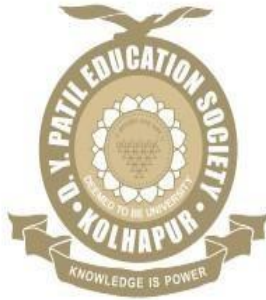


D. Y. Patil Education Society
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School of Engineering & Management
Department of First Year Engineering

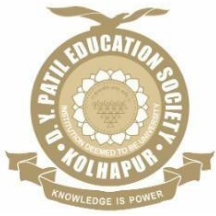


D Y PATIL
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SCHOOL *of* ENGINEERING
& MANAGEMENT
KOLHAPUR

MCA-Sem-I
Structure and Curriculum

w.e.f. A.Y.: 2023-24



D. Y. Patil Education Society
(Deemed To Be University)
School of Engineering & Management
Department of First Year Engineering

MCA- Scheme of Teaching and Examination Academic Year 2023-2024
(As Per National Education Policy 2020)

MCA-Semester-I

Sr. No	Course Code	Course Type	Name of the Course	Credits		Credit	Evaluation Scheme				
				L	P		Total Marks	Type	Max. Marks	Minimum Marks For Passing	
1	232MCAL101	DSC	Applied Database Management Systems	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
2	232MCAL102	DSC	Computer Networks	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
3	232MCAL103	DSC	JAVA Programming	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
4	232MCAL104	MDC	Computational Statistics	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
5	232MCAL105	MDC	Management Concepts and Applications	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
6	232MCAP106	DSC	LAB on Applied Database Management Systems	-	02	02	50	IPE	20	8	20
								ESPE	30	12	
7	232MCAP107	DSC	Lab on JAVA Programming	-	02	02	50	IPE	20	8	20
								ESPE	30	12	
8	232MCAL108	DSC	MOOCS-I	2	-	02	50	ISE	20	8	20
								MSE	30	12	
9	232MCAL109	VBC	Open Course-I	2	-	02	50	ISE	20	8	20
								MSE	30	12	
Total				24	04	28	700		700		

ISE: In Semester Evaluation

MSE: Mid Semester Examination

IPE-Internal Practical Examination

Examination Open Course : Student can select any one open course – I

1. Universal Human Values (UHV) 2. Cyber Security 3. Soft skills

ESE: End Semester Examination

ESPE-End Semester Practical

Structure and Curriculum

MCA- Scheme of Teaching and Examination Academic Year 2023-2024
(As Per National Education Policy 2020)

MCA-Semester-II

Sr. No	Course Code	Course Type	Name of the Course	Credit		Evaluation Scheme					
				L	P	Total Marks	Type	Max. Marks	Minimum Marks For Passing		
1	232MCAL201	DSC	Object Oriented Software Engineering	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
2	232MCAL202	DSC	Cloud Computing & Security	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
3	232MCAL203	DSC	Data Structures and Algorithms using Python	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
4	232MCAL204	DSC	Data Warehousing & Data Mining	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
5	232MCAL205	DSC	Web Supporting Technologies	04	--	04	100	ISE	20	16	40
								MSE	20		
								ESE	60	24	
6	232MCAP206	DSC	LAB on Data Structures and Algorithms using Python	-	02	02	50	IPE	20	8	40
								ESPE	30	12	
7	232MCAP207	DSC	Minor Project-I	-	02	02	50	ISE	20	8	20
								EPV	30	12	
8	232MCAL208	DSC	MOOCS-II	2	-	02	50	ISE	20	8	20
								MSE	30	12	
9	232MCAL209	VBC	Open Course-II	2	-	02	50	ISE	20	8	20
								MSE	30	12	
Total				24	04	28	700		700		

ISE: In Semester Evaluation

MSE: Mid Semester Examination

IPE-Internal Practical Examination

EPV-External Project Viva

ESE: End Semester Examination

ESPE-End Semester Practical Examination

Open Course : Student can select any one open course – II

1. Foreign Language 2. Digital Technology 3. Human Psychology at workplace

