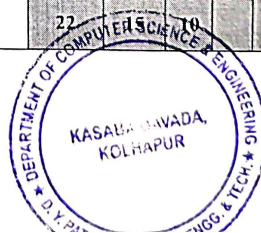


D. Y. Patil College of Engineering and Technology, Kolhapur
Department of Computer Science and Engineering

SEMESTER-III													
Course Code	Course Category	Course Type	Course Name	Teaching Scheme			Theory			Practical		Total Marks	
				Credits	L	P	T	ISE	MSE	ESE	INT		OE/ PoE
231CSEPCL201	Program Core Courses	PCC	Discrete Mathematical Structures	3	3	-	-	20	30	50	-	-	100
231CSEPCL202			Computer Networks	3	3		-	20	30	50	-	-	100
231CSEPCCP203			Computer Networks Laboratory	1	-	2	-	-	-	-	25	25	50
231CSEPCCP204			Object Oriented Concepts	3	2	2	-	-	-	-	50	50	100
231CSECEPP201	Comm. Eng. Project (CEP)	CEP	Community Engagement Project	2	-	4	-	-	-	-	50	-	50
231CSEMDML201	Multidisciplinary Minor	MDM-1	Fundamentals of Software Testing	2	2	-	-	20	-	30	-	-	50
231CSEVECP201	Value Education Course	VEC	Responsible use of Technology in Animation	2	1	2	-	-	-	-	50	-	50
231CSEOECL201	Open Elective Course	OEC-1 (ODL Only*)	Computer Networks and Internet Protocol	4	2	-	-	20	30	50	25	-	125
231CSEOECL202			Software Project Management										
231CSEOECL203			Cloud Computing										
231CSEHSSML201	Humanities Social Science and Management	Entrepreneurship / Economics/ Management course	Intellectual Property Rights	2	2	-	-	-	-	50	-	-	50
231CSEMCL201	Mandatory Course	MC	Finishing School Training III	Audit	3*	-	-	50	-	-	-	-	Grade
231CSECCAP201	Co-Curricular Activities	CCA	Liberal Learning	Audit	2	-	-	-	-	-	50	-	Grade
Total				22				80	90	230	200	75	675



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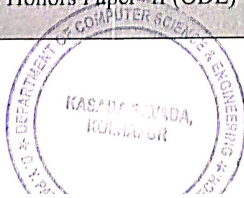
SEMESTER- IV													
Course Code	Course Category	Course Type	Course Name	Teaching Scheme				Theory			Practical		Total Marks
				Credits	L	P	T	ISE	MSE	ESE	INT	OE/PoE	
231CSEPCCL205	Program Core Courses	PCC	Automata Theory	3	3	-	-	20	30	50	-	-	100
231CSEPCCL206			Data Structures	3	3	-	-	20	30	50	-	-	100
231CSEPCCP207			Data Structures Laboratory	1	-	2	-	-	-	-	25	25	50
231CSEPCCP208			Advanced Object-Oriented Concepts	3	2	2	-	-	-	-	50	50	100
231CSEMDML202	Multidisciplinary Minor	MDM-2	Automation and Manual Testing	2	2	-	-	20	-	30	-	-	50
231CSEVECL202	Value Education Course	VEC	Environment Study	2	2	-	-	-	-	50	-	-	50
231CSEHSSMP202	Humanities Social Science and Management	Entrepreneurship/Economics/Management course	Technologies used for Project management and Start-ups	2	1	2	-	-	-	-	50	-	50
231CSEAECP201	Ability Enhancement course	AEC	Trending Techno Laboratory	2	-	4	-	-	-	-	50	-	50
231CSEOECL204	Open Elective Course	OEC-II	E-Commerce and Digital Marketing	2	2	-	-	-	-	50	-	-	50
231CSEOECL205			Front End Development										
231CSEOECL206			Basics of Data Structures										
231CSEVSECP201	Vocational Skills Enhancement Course	VSEC	Web development	2	1	2	-	-	-	-	50	-	50
231CSEMCL202	Mandatory Course	MC	Finishing School Training IV	Audit	3*	-	-	50	-	-	-	-	Grade
231CSECCAP202	Co-Curricular Activities	CCA	Liberal Learning	Audit	2	-	-	-	-	-	50	-	Grade
			Total	22	16	12	-	60	60	230	225	75	650
231CSEHCL201A/201B/201C	Honors Courses/Double (Minor)	HC (Optional)	Honors Paper- I	04	3	2	-	20	30	50	-	25	125




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SEMESTER-V

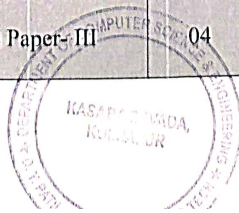
Course Code	Course Category	Course Type	Course Name	Credits	Teaching Scheme			Theory			Practical		Total Marks
					L	P	T	ISE	MSE	ESE	INT	OE/ PoE	
231CSEPCCL301	Program Core Courses	PCC	Cloud Computing and related technologies	12	3	-	-	20	30	50	-	-	100
231CSEPCCP302			Cloud Computing and related technologies Laboratory		-	2	-	-	-	-	50	-	50
231CSEPCCL303			Design and Analysis of Algorithms		3	-	-	20	30	50	-	-	100
231CSEPCCP304			Advanced Programming Concepts		2	2	-	-	-	-	50	50	100
231CSEPCCP305			Advanced Java Technologies		1	2	-	-	-	-	25	25	50
231CSEMDML301	Multidisciplinary Minor	MDM-3	Software Testing using Programming	4	3	2	-	20	30	50	25	-	125
231CSEOECL301	Open Elective Course	OEC-III	Security and Privacy in Social Media	2	2	-	-	-	-	50	-	-	50
231CSEOECL302			Android App Development										
231CSEOECL303			SQL Programming										
231CSEPECL301-306	Professional Elective	PEC-1	List is attached	4	3	2	-	20	30	50	25	-	125
231CSEMCL301	Mandatory Course	MC	Finishing School Training V	Audit	3*	-	-	50	-	-	-	-	Grade
231CSECCAP301	Co-Curricular Activities	CCA	Liberal Learning	Audit	2	-	-	50	-	-	-	-	Grade
Total				22	17	10	-	80	120	250	175	75	700
231CSEHCL301A/ 301B/301C	Honors Courses/Double (Minor)	HC (Optional)	Honors Paper- II (ODL)	04	3	1	-	20	30	50	25	-	125





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SEMESTER- VI

Course Code	Course Category	Course Type	Course Name	Teaching Scheme			Theory			Practical		Total Marks	
				Credits	L	P	T	ISE	MSE	ESE	INT		OE/ PoE
231CSEPCCL306	Program Core Courses	PCC	Compiler Design	10	3	-	-	20	30	50	-	-	100
231CSEPCCL307			Structured Database		3	-	-	20	30	50	-	-	100
231CSEPCCP308			Structured Database Laboratory		-	2	-	-	-	-	50	-	50
231CSEPCCP309			Scripting Concepts		2	2	-	-	-	-	50	50	100
231CSEMDML302	Multidisciplinary Minor	MDM-4	Selenium Framework	2	1	2	-	20	-	30	-	-	50
231CSEPECL307-312	Professional Elective	PEC-2	List is attached	4	3	2	-	20	30	50	25	-	125
231CSEPECL313-318		PEC-3	List is attached	4	3	2	-	20	30	50	25	-	125
231CSEVSECL301	Vocational Skills Enhancement Course	VSEC	Mobile Application Development	2	1	2	-	-	-	-	25	25	50
231CSEMCL302	Mandatory Course	MC	Finishing School Training VI	Audit	3*	-	-	50	-	-	-	-	Grade
231CSECCAP302	Co-Curricular Activities	CCA	Liberal Learning	Audit	2	-	-	50	-	-	-	-	Grade
Total				22	16	12	-	100	120	230	150	100	700
231CSEHCL302A/302B/302C	Honors Courses/Double (Minor)	HC (Optional)	Honors Paper- III	3	3	2	-	20	30	50	25	-	125

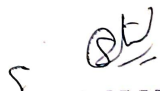



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SEMESTER-VII

Course Code	Course Category	Course Type	Course Name	Teaching Scheme			Theory			Practical		Total Marks	
				Credits	L	P	T	ISE	MSE	ESE	INT		OE/ PoE
231CSEPCCL401	Program Core Courses	PCC	Non-Structured Databases	6	2	2	-	20	30	50	25	-	125
231CSEPCCP402			MERN Stack Development		2	2	-	-	-	-	50	50	100
231CSEMDML401	Multidisciplinary Minor	MDM-5	Cucumber and TestNG Framework	2	2	-	-	20	-	30	-	-	50
231CSERML401	Research Methodology	RM (ODL Only*)	Research Methodology / Introduction to Research	4	2S	-	-	20	30	50	25	-	125
231CSEPECL401-406	Professional Elective	PEC-4	List is attached	3	3	-	-	20	30	50	-	-	100
231CSEPECL407-412		PEC-5	List is attached	3	3	-	-	20	30	50	-	-	100
231CSEPRP401	Project	PR	Project	4	-	2#	-	-	-	-	75	75	150
231CSECCAP401	Co-Curricular Activities	CCA	Liberal Learning	Audit	2	-	-	50	-	-	-	-	Grade
Total				22	14	6	-	100	120	230	175	125	750
231CSEHCL401 A/401B/401C	Honors Courses/Double (Minor)	HC (Optional)	Honors Paper- IV	04	3	2	-	20	30	50	25	-	125





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SEMESTER- VIII

Course Code	Course Category	Course Type	Course Name	Teaching Scheme			Theory			Practical		Total Marks	
				Credits	L	P	T	ISE	MSE	ESE	INT		OE/ PoE
231CSEPCCL403	Program Core Courses	PCC (ODL only *)	Natural Language Processing	4	2S	-	-	20	30	50	-	25	125
231CSEPECL413 -418	Professional Elective	PEC-6 (ODL only *)	List is attached	2	1S	-	-	-	-	50	-	-	50
231CSEINP401	Internship	INT	Internship	12	-	2#	-	-	-	-	100	300	400
231CSEMDML 402	Multidisciplinary Minor	MDM-6 (ODL only *)	Project Management	2	1S	-	-	-	-	50	-	-	50
			Total	20	4	2	-	20	30	150	100	325	625
231CSEHCL40 2A/402B/402C	Honors Courses/Double (Minor)	HC (Optional)	ODL- Honors Paper- V	02	2	2	2	-	20	30	-	-	50




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