SVKM's NMIMS

School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Teaching Scheme Academic year: 2020-21

Campus: MUMBAI

Na	Name of the Programme: MBA Tech Computer Engineering Year of the Programme: Second Year Semester: III																					
	Theor Pra					Total no.			ation of ation (Hrs) Mode of Exam		Examination Scheme (ICA						(Weightage) TEE Total					
Sr. No	Module / Subject Code	Name of the Module	y (Hou rs per week)	als (Hour s per	als(Hours per	of hours for the subject (In term)	Credit/s	Written	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II		Total		Marks	Scaled to (Marks)	Marks	Weig htage %	Templat e Codes	GR Applicabl e (yes /No)	Remarks
	Semester III																					
		Mathematics III	3	1	0	60	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2		Digital Logic Design	3	0	2	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3		Discrete Mathematics	3	1	0	60	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4		Data Structures	3	0	2	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6		Object Oriented Programming	3	0	2	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7		Principles of Economics and Management	3	0	0	45	3	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
8	MBCO03014	Environmental Studies	2	0	0	30	0		Only ICA		10	10	30	50	50			50	100	7032	No	
		Total	20	2	6	420	23				70	70	210	350	350	600	300	650				
Sen	nester IV																					
1	MBCO04013	Elements of Biology	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	MBCO04008	Computer Organization and Architecture	3	0	0	45	3	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	MBCO04012	Operating System	3	0	2	75	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4		Theoretical Computer Science	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	MBCO04010	Database Management System	3	0	2	75	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	MBCO04011	Programming Language	2	0	2	60	3		Only ICA		10	10	30	50	50			50	100	7032	No	
7	MBAB04106	Presentation and Communication Techniques	2	0	0	30	2		Yes	Offline, Computer Based	10	10	30	50	50			50	100	7032	No	
		Total	19	2	6	405	24				70	70	210	350	350	500	250	600		·		

^{*}Term Work = Viva / Presentations/ Journals/ assignments/ quizes / MCQs/Business plans/Role plans etc.

SVKM's NMIMS

School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Teaching Scheme Academic year: 2020-21

Campus: MUMBAI

(As approved in the Academic Council)

Name of the Programme: MBA Tech Computer Engineering								ear of the Programme: Third Year Semester: V														
			TEI .					Durat		Mode of Exam				ination	Scheme	· · ·	- 0 /					
			Theo	Practi	Tutor	ri Total no.	-	Examinat	ion (Hrs)	Wode of Exam		ICA			1	TEE Total			otal			
Sr. No	Module / Subject Code	Name of the Module	ry (Hou rs per week)	s per	als(Hours per week)	of hours for the subject (In term)	Credit/ s	Written	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva / Jury/ Presentation	Test I	Test II	Term work *	I otal	Scaled to (Marks)	Marks	Scaled s to (Marks)	Marks	Weig htage %	Templa te Codes	GR Applicab le (yes /No)	Remarks
1		Design and Analysis of Algorithms	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2		Image Processing	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3		Computer Networks	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4		Data Mining	3	2	0	75	4	3 Hrs	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5		Department Elective-I	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6		Web Programming	2	2	0	60	3	2 Hrs		Practical	10	10	30	50	50	50	50	100	100	7032	No	NUE
7		Professional Ethics and Legal Aspects	2	0	0	30	2	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7031	Yes	
		Total	19	12	0	465	25				70	70	210	350	350	550	300	650	700			
Nar	ne of the Progi	ramme: MBA Tech Computer Engineering					Year of t	he Program	me: Third	Year			Semes	ter: VI								
			Theo		Tutori	: T-4-1		Duration of		Mode of Exam			Exam	ination	Scheme	(Weigl	htage)					, !
C.,			ry			of hours		Examinat	ation (Hrs)	Wode of Exam			ICA			7	ГЕЕ	To	otal	Т1-		I
Sr. No	Module / Subject Code	Name of the Module	(Hou rs per week)	s per week)		for the subject (In term)	Credit/ s		Only ICA	Written / OffLine/On line/Computer based / Practical/Viva / Jury/ Presentation	Test I	Test II	*	Total Marks	(Marks)	Marks	(Marks)		%	Templa te Codes	, ,	Remarks
1		Artificial Intelligence	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2		Unix Programming	3	2	0	75	4	3 Hrs	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3		Software Engineering	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4		Department Elective-II	3	2	0	75	4	3 Hrs	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5		Open Elective-I	2	2	0	60	3	3 Hrs	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7		Management Accounting for Engineers	2	0	0	30	2	2 Hrs	-	Written	10	10	30	50	50	50	50	100	100	7031	Yes	
7		Essence of Indian Traditional Knowledge	2	0	0	30	0	-	Only ICA		10	10	30	50	50	0	0	50	100	7032	No	
		Total	18	10	0	420	21				70	70	210	350	350	550	300	650	700			

	Dept. Elective - I	D	Pept. Elective - II	Open Elective - I					
Code	Subject	Code	Subject		Code	Subject			
MBCO06013	Advanced Computer Networks	MBCO06021	Mobile Computing		VIDC CJUBU29	Object Oriented Programming (Not for IT)			
MBCO06014	Soft Computing	MBCO06022	Machine Learning		MIBC CUBUSU	Data Structure & Algorithms (Not for IT)			
MBCO06015	Advanced Database Management System	MBCO06023	Software Architecture			Fundamentals of Computer Science (Not for IT)			
MBCO06016	Advanced Web Programming	MBCO06024	Database Security			Human Computer Interface (Not for IT)			
MBCO06017	Object Oriented Software Engineering	MBCO06025	Computer Vision						
MBCO06018	Web Security	MBCO06026	Fundamentals of Blockchain						
MBCO06019	Advanced Image Processing	MBCO06027	Information Storage and Management						
MBCO06020	Human Computer Interface	MBCO06028	Advanced Computer Architecture						

SVKM's NMIMS

School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

Teaching Scheme Academic year: 2021-22 Campus: MUMBAI

(As approved in the Academic Council)

							(115 up p10	, real III ale	ricaccinic	council			г —									1
Naı	ne of the Prog	ramme: MBA Tech Computer Eng	ineering				Year of t	he Program	nme: Fourth	ı Year	Semester: VII											
						Total no.			ion of	Mode of Exam				ination	Scheme	· · · ·	.,,		. 1			
			Theo	Practi	Tutori			Examinat	ion (Firs)	Written /			ICA				<u>lee</u>	10	otal	_		
Sr. No	Module /		ry (Hou	cals	als(of hours	Credit/			OffLine/On										Templa		
No	Subject Code	Name of the Module	rs per	s per	Hours per	for the subject	s	Written	Only ICA	line/Computer based /	Test I	Test II	Term	Total	Scaled to	Marks	Scaled	Marke	Weig htage		GR	
			week		1	(In term)		vviitteii	Only ICA	Practical/Viva	Test I	*	Marke	(Marks)	IVICINO	(Marks)		%	Coucs	Applic able		
)							/Jury/					Ì						(yes	
										Presentation											, ,	Remarks
1	MBCO07010	Project Phase - I	0	8	0	120	4	-	Only ICA	-	0	0	100	0	0	0	0	100	100	7032	No	
2	MBCO07030	Technical Internship Program (Minimum 6 weeks)	0	0	0	30	4	-	Only ICA	-	0	0	0	0	0	0	0	100	100	7032	No	
3		Department Elective-III	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4		Department Elective-IV	3	2	0	75	4	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
		Total	6	12	0	300	16				20	20	160	100	100	200	100	400	400			
Naı	ne of the Prog	ramme: MBA Tech Computer Eng	ineering			T	Year of the Programme: Fourth Year Semester: VIII									1						
			Theo	Practi	Tutori	Total no.		Duration of		Madaatliyam				ination	Scheme	· · · ·	Veightage)					
Sr.			ry	cals	als(of hours		Examinat	tion (Hrs)	Written /		1	ICA		1]	ΓEE	To	otal	Templa	GR	
No	Module /	Name of the Module	(Hou		Hours		Credit/			OffLine/On			Term		Scaled		Scaled		Weig	1 1	Applic	
	Subject Code	Traine of the Moute	rs per	s per		subject	S	Written	Only ICA	line/Computer	Test I	Test II		Total	to	Marks		Marks	htage		able	
			week		1	(In term)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Olay Terr	based /	10011		*	Marks	(Marks)		(Marks)		%		(Yes	
)			` ′				Practical/Viva					,		, ,				. ,	Remarks
1	MBCO08001	Project Phase - II	0	12	0	180	4	-	Only ICA	-	0	0	100	0	0	0	0	100	100	7032	No	
2		Open Elective -II	2	2	0	60	3	3 Hrs		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
						0	0	-														
		Total	2	2	0	60	3				10	10	30	50	50	100	50	100	100			

	Dept. Elective - III	Γ	Dept. Elective - IV	Open Elective - II						
Code	Subject	Code	Subject		Code	Subject				
MBCO07011	Network Infrastructure Management	MBCO07019	Bioinformatics		MBCO08002	Python Programming (Not for IT)				
MBCO07012	Deap Learning	MBCO07020	Robotics		IVIDU UJUBUUS	Principles of Software Engineering(Not for IT)				
MBCO07013	Embedded System	MBCO07021	Distributed Computing		VIDU UUMUU4	Introduction to Artificial Intelligence (Not for IT)				
MBCO07014	Software Quality Assurance and Testing	MBCO07022	Software Project Management		MBCO08005	Fundamentals of Machine Learning				
MBCO07015	Network Security	MBCO07023	Cyber Security and Ethical Hacking							
MBCO07016	Biometrics	MBCO07024	Image and Video Analytics							
MBCO07017	Cloud Computing and IoT	MBCO07025	Natural Language Processing							
MBCO07018	Multimedia Computing	MBCO07026	Parallel Programming							