

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management and Engineering
 Name of the Programme: B.TECH (ELECTRONICS AND TELECOMMUNICATION)
 Year of the Programme: 2nd Year (Academic Year 2019-20)

Name of the Programme : B.Tech (EXTC)							Year: 2019 - 20							Semester : III & IV									
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Practicals Hours per week	Tutorials Hours per week	Total no. of hours for the subject	Credit/s	Credit/s types	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)						Template Codes	GR applicable (Yes / No)	Remarks			
									Term End Examination	Only ICA		Distribution of ICA Marks				TEE					Total		
											Test I	Test II	Term work *	Total Marks	Scale d to (Marks)	Marks (Question Paper)	Scale d to (Marks)				Marks (ICA+ TEE)	Weightage %	
Semester: III																							
1	BTET03010	Mathematics III	3	0	1	4	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET03011	Electronic Devices	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
3	BTET03012	Digital System Design	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTET03013	Signals and Systems	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
5	BTET03014	Circuit and Network Theory	3	0	0	3	3	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
6	BTET03015	Presentation and Communication Techniques	2	0	0	2	2	Half Credit	2	Only ICA	-	10	10	30	50	50	0	0	50	100	7032	No	
	Total		17	6	1	24	21	0	17	0		60	60	180	300	300	500	250	550	600			
Semester: IV																							
1	BTET04012	Probability and Stochastic Processes	3	0	1	4	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET04013	Analog Circuits	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
3	BTET04014	Microprocessor and Microcontroller	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTET04015	Database Management Systems	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
5	BTET04016	Electromagnetic Field Theory	3	0	0	3	3	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTET04017	Study of Technology Trends	0	2	0	2	1	Half Credit	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7032	No	NUE
7	BTET04011	Principles of Economics and Management	3	0	0	3	3	Full Credit	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
8	BTET04018	Essence of Indian Traditional Knowledge	2	0	0	2	0	Non credit	-	Only ICA	-	10	10	30	50	50	--	--	50	100	7032	No	#
	Total		20	8	1	29	23	0	18	0	0	70	70	260	400	400	600	300	700	800			

*Term Work = Viva / Presentations / Journals / assignments / quizzes / MCQs / Business plans / Role plans etc.

syllabus common for different streams / Programme can use common question paper. (for eg : B.TECH (Stream) & MBA.TECH (Stream))

NUE = Non University Examination (Examination conducted at school level)



HOD: _____

Dean: _____

Pls. Note :- Any approval / change should be highlighted in gray as per academic councils meeting, dated _____

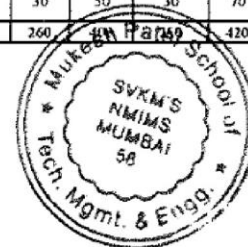
SVKM'S NMIMS
Mukesh Patel School of Technology Management & Engineering
Course Structure: Year 2019-20
Teaching Scheme: B.Tech EXT C (3rd Year) For the Academic Year (2019 - 20)

Name of the Programme : B.Tech (EXTC)										Year: 2019 - 20				Semester : V & VI										
Sr.No	Module / Subject Code	Name of the Module	Theory (Per Week)	Practicals (Per Week)	Tutorials (Per Week)	Total no. of hours for the subject (Per Week)	Credit/s	Credit's types	Term End Exam Duration (Hrs)		Mode of Exam	Examination Scheme (Weightage)										Template Codes	GR applicable (Yes / No)	Remark
									Written	Only ICA		ICA					TEE		Total					
												Test I	Test II	Term work*	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks	Weightage %				
Semester - V																								
1	BTET05001	Microprocessor Based Systems	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
2	BTET05003	Fundamentals of Microwave Engineering	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
3	BTET05007	Professional Ethics	0	0	2	2	1	Half Credit	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7003	No		
4	BTET05008	Programming for Analytics	3	0	0	3	3	Full Credit	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7003	No		
5	BTET05009	Radiating Systems and Wave Propagation	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
6	BTET05010	Discrete Time Signal Processing	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
7	BTET05011	Digital System Design	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes		
8	BTET05012	Implementation of Technology - II	0	2	0	2	1	Half Credit	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7003	No		
9	BTET05013	Numerical Methods	2	2	0	4	3	Full Credit	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7003	No		
Total			20	14	2	36	28		15			80	80	290	450	350	350	350	700	900				
Semester - VI																								
1	BTET06002	Computer Communication Networks	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
2	BTET06003	Microcontrollers and Embedded Systems	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
3	BTET06005	Industrial Economics and Management	3	0	0	3	3	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes		
4	BTET06006	RF Circuit Design	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes		
5	BTET06007	Minor Project	0	4	0	4	2	Half Credit	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7003	No		
6	BTET06008	Business Visualization	2	0	0	2	2	Half Credit	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7003	No		
7	BTET06010	Digital Television Systems	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes		
8	BTET06011	Digital Communication	3	2	0	5	4	Full Credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#	
Total			20	14	0	34	27		18			70	70	260	420	420	420	420	700	800				

*Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc
Syllabus common for B.Tech(EXTC) and MBA Tech (EXTC) can use common question paper.

Date :

Dr. Manoj Sankhe
HOD - EXTC



SVKM'S NMIMS
Mukesh Patel School of Technology Management & Engineering
Course Structure: Year 2019-20
Teaching Scheme: B.Tech EXTC (4th Year) For the Academic Year (2019 - 20)

Name of the Programme : B.Tech (EXTC)							Year: 2019 - 20					Semester : VII & VIII												
Sr.N o.	Module / Subject Code	Name of the Module	Theory (Per Week)	Practical s (Per Week)	Tutorial s (Per Week)	Total no. of hours for the subject (Per Week)	Credit/s	Credit/s types	Term End Exam Duration (Hrs)		Mode of Exam	Examination Scheme (Weightage)										Template Codes	GR applica ble (Yes / No)	R e m a r k
									Written	Only ICA		ICA					TEE		Total					
												Test I	Test II	Term work*	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks	Weightage %				
Semester - VII																								
1	BTET07001	Optical Fiber Communication	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
2	BTET07002	Wireless Communication Technology	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
3	BTET07003	Project Phase I	0	8	0	8	4	Full Credit	-	Only ICA	-	0	0	100	100	100	0	0	100	100	7003	No		
4	BTET07011	Numerical Methods	2	2	0	4	3	Full Credit	-	Only ICA	-	15	15	20	50	50	0	0	50	100	7003	No		
		Elective I (Any One)																						
5	BTET07004	Image and Video Processing	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
6	BTET07005	Advanced Microcontrollers	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
7	BTET07006	Robotics	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
		Elective II (Any One)																						
8	BTET07007	Machine Learning	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
9	BTET07008	Introduction to Automation	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
10	BTET07009	Multimedia Signal Compression	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
11	BTET07010	VLSI Design and Technology	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
Total			14	18	0	32	23		12			75	75	200	350	270	280	280	550	600				
Semester - VIII																								
1	BTET08001	Digital Voice and Broadband Communication	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
2	BTET08002	Satellite Communication and Radar	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
3	BTET08003	Project Phase II	0	8	0	8	4	Full Credit	-	Only ICA	-	0	0	100	100	100	0	0	100	100	7003	No		
4	BTET08011	Elements of Biology	3	0	2	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
		Elective III																						
5	BTET08004	Embedded Systems	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
6	BTET08005	Network Design and Planning	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
7	BTET08006	Data Encryption and Network Security	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
		Elective IV																						
8	BTET08007	Speech Processing	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
9	BTET08008	Fuzzy Logic and Neural Networks	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
10	BTET08009	Mobile Computing	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
11	BTET08010	Internet of Things	3	2	0	5	4	Full Credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
Total			15	16	2	33	24		15			75	75	200	350	250	350	350	600	600				

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Syllabus common for B.Tech(EXTC) and MBA Tech (EXTC) can use common syllabus

Date: 04/05/19
Dr. Manoj Sankhe
HOD - EXTC



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