

SVKM's NMIMS
School Name: Mukesh Patel School of Technology Management and Engineering
Teaching Scheme for Academic Year: 2020-21

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme : Second Year				Semester : III											
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 (In Term)	Credit/s	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	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weightage %				
1	BTET03010	Mathematics III	3	0	1	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET03011	Electronic Devices	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
3	BTET03012	Digital System Design	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTET03013	Signals and Systems	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
5	BTET03014	Circuit and Network Theory	3	0	0	45	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
6	BTET03015	Presentation and Communication Techniques	2	0	0	30	2	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7032	No	
Total			17	6	1	360	21	15			60	60	180	300	300	500	250	550	600			

*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))

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

HOD: _____

Dean : _____

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management and Engineering
Teaching Scheme for Academic Year: 2020-21

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme : Second Year					Semester : 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 (In Term)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)										Templ ate Codes	GR applicab le (Yes / No)	R e m a r k
								Term End Examinati on	Only ICA		Distribution of ICA Marks					TEE		Total					
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weigh tage %					
1	BTET04012	Probability and Stochastic Processes	3	0	1	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
2	BTET04013	Analog Circuits	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
3	BTET04014	Microprocessor and Microcontroller	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
4	BTET04015	Database Management Systems	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#	
5	BTET04016	Electromagnetic Field Theory	3	0	0	45	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
6	BTET04017	Study of Technology Trends	0	2	0	30	1	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7032	No	NUE	
7	BTET04011	Principles of Economics and Management	3	0	0	45	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes		
8	BTET04018	Essence of Indian Traditional Knowledge	2	0	0	30	0	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7032	No	#	
Total			20	8	1	435	23	18			60	60	280	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)

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

HOD: _____

Dean : _____

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management and Engineering

Teaching Scheme for Academic Year: 2020-21

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme : Third Year				Semester : V											
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 (In Term)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Templ ate Codes	GR applic able (Yes / No)	R e m a r k	
								Term End Examination	Only ICA		Distribution of ICA Marks					TEE		Total				
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weighta ge %				
1	BTET05014	Elements of Biology	3	0	1	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET05015	Analog and Digital Communication	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
3	BTET05016	Control System Engineering	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTET05017	Statistical Methods and Analysis	3	0	0	45	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
5	BTET05019	Environmental Studies	2	0	0	30	0	-	Only ICA	-	10	10	30	50	50	0	0	50	100	7032	No	#
6	BTET05018	Management Accounting for Engineers	2	0	0	30	2	2	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
Total			16	4	1	315	17	14			60	60	180	300	300	500	250	550	600			

*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))

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

HOD: _____

Dean : _____

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management and Engineering
Teaching Scheme for Academic Year: 2020-21

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme: Third Year				Semester : VI											
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 (In Term)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)							Template Codes	GR applicable (Yes/No)	Remark		
								Term End Examination	Only ICA		Distribution of ICA Marks					TEE					Total	
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)				Weightage %	
1	BTET06012	Discrete Time Signal Processing	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTET06013	Microwave and Antenna Theory	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTET06014	Minor Project	0	2	0	30	1	-	Only ICA	-	0	0	50	50	50	0	0	50	100	7032	No	
4	BTET06015	Computer Networks	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
5	BTET06016	Embedded Systems	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6		Departmental Elective -1	3	2	0	75	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7	BTET06022	Research Methodology	0	2	0	30	1	-	Only ICA	Written	0	0	50	50	50	0	0	50	100	7032	No	#
8	BTET06023	Professional Ethics and Legal Aspects	2	0	0	30	2	2	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
Total			17	14	0	465	24	17	0	0	60	60	280	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))

Departmental Elective - 1 (Choose Any One)	
Code	Subject
BTET06017	Power Electronics
BTET06018	Computational Methods
BTET06019	Industrial Automation
BTET06020	Image and Video Processing
BTET06021	Digital Television Systems

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

HOD: _____

Dean : _____

SVKM's NMIMS

School Name: Mukesh Patel School of Technology Management and Engineering

Teaching Scheme for Academic Year: 2020-2021

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme: Fourth Year				Semester : VII											
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 (InTerm)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Templ ate Codes	GR applicab le (Yes / No)	R e m a r k	
								Term End Exam inatio n	Only ICA		Distribution of ICA Marks					TEE		Total				
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weig htag e %				
1	BTET07001	Optical Fiber Communication	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
2	BTET07002	Wireless Communication Technology	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
3	BTET07003	Project Phase I	0	8	0	120	4	0	Only ICA	-	0	0	100	100	100	0	0	100	100	7003	No	
		Elective I (Choose Any One)																				
4	BTET07004	Image and Video Processing	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
5	BTET07005	Advanced Microcontrollers	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
6	BTET07006	Robotics	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
		Elective II (Choose Any One)																				
7	BTET07007	Machine Learning	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
8	BTET07008	Introduction to Automation	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
9	BTET07009	Multimedia Signal Compression	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
10	BTET07010	VLSI Design and Technology	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
	Total		12	16	0	420	20	12			40	40	220	300	220	280	280	500	500			

*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))

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

HOD: _____

Dean : _____

Name of the Programme : B.Tech. (Electronics and Telecommunication Engineering)							Year of the Programme: Fourth Year				Semester : VIII											
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 (In Term)	Credit/s	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Template Codes	GR applicable (Yes / No)	Remark	
								Term End Examination	Only ICA		Distribution of ICA Marks					TEE		Total				
										Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weightage %				
1	BTEI08001	Digital Voice and Broadband Communication	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
2	BTEI08002	Satellite Communication and Radar	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
3	BTEI08003	Project Phase II	0	8	0	120	4	0	Only ICA	-	0	0	100	100	100	0	0	100	100	7003	No	
4	BTEI08011	Elements of Biology	3	0	2	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
		Elective III (Choose Any One)																				
5	BTEI08004	Embedded Systems	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
6	BTEI08005	Network Design and Planning	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
7	BTEI08006	Data Encryption and Network Security	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
		Elective IV (Choose Any One)																				
8	BTEI08007	Speech Processing	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
9	BTEI08008	Fuzzy Logic and Neural Networks	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
10	BTEI08009	Mobile Computing	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
11	BTEI08010	Internet of Things	3	2	0	75	4	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
	Total		15	16	2	495	24	15			50	50	250	350	250	350	350	600	600			

*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))

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

HOD: _____

Dean : _____