School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

Name of the Programme: B. Tech. (Information Technology)

Year of the Programme: First year

Semester: I & II

am	e of the Frogr	amme: B. Tech. (Information 16	chilotogy							le i rogramme.		-		Semeste								
1								Durat		N. 1. (F				Examinat	ion Scheme	(Weight	age)					
		×	G.			75-1-1		Exami (H		Mode of Exam		Distril	oution o	of ICA Ma	rks	Т	EE	Tot	al		GR	R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week		Practicals Hours per week	Total no. of hours for the subject (In term)	/s	Term End Exami natio n	Only	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig htag e %	Template Codes	applic	e m a r k
eme	ester - I		1 020			T				I	10	10	T 20		T 50	100	F0.	100	100	7031	Yes	1 #
1	BTIT01001	Mathematics-I	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	53350	- 500000		_	# #
2	BTIT01002	Basic Electrical Engineering	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTTT01003	Physics	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTTT01004	Engineering Graphics & Design	2	0	4	90	4	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUE
5	BTIT01005	Constitution of India	2	0	0	30	0	-	Only ICA	-	10	10	30	50	50	8212	-	50	100	7032	No	
		Total	13	3	8	360	18	12		-	50	50	150	250	250	400	200	450				
Sem	ester - II											_				1						1
1	BTIT02008	Mathematics-II	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTIT02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTIT02010	Chemistry	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTIT02011	Workshop / Manufacturing Practices	1	0	4	75	3		Only ICA	1 1 1 1		-	50	50	50	1.00	-	50	100	7032	No	
5	BTIT02012	English	2	0	2	60	3	3	-20	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
		Total	12	2	12	390	20	12		-	40	40	170	250	250	400	200	450				

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

syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)}/ All Programme, can use common question paper.

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

Dr. Ajay Phrike

Date: 11/07/2020



Pls. Note:-Any approval/change should be hlighlighted in grey as per academic council meeting, dated 12th June 2020 Page No.-418

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

	8	mme: B. Tech. (Compute		0,				Durati		e Programme: F				Examina	tion Scheme	e (Weight	age)					T
			15			m . 1		Examir (Hr	nation	Mode of Exam		Dist	ribution o	of ICA Ma			EE	Tota	al		GR	F
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	Total no. of hours for the subject (In term)		Term End Exami nation	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work*	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig htag e %	Template Codes	applic	n a i
eme	ester - I													r								
1	BTCO01001	Mathematics-I	3	1	0	60	4	3	77	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTCO01002	Basic Electrical Engineering	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
3	BTCO01003	Physics	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTCO01004	Engineering Graphics & Design	2	0	4	90	4	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NI
5	BTCO01005	Constitution of India	2	0	0	30	0	-	Only	677	10	10	30	50	50	-		50	100	7032	No	
		Total	13	3	8	360	18	12	-	-	50	50	150	250	250	400	200	450				
Seme	ester - II													r					1		1	_
1	BTCO02008	Mathematics-II	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTCO02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	-
3	BTCO02010	Chemistry	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
4	BTCO02011	Workshop / Manufacturing Practices	1	0	4	75	3	-	Only ICA	-	-	-	50	50	50	-		50	100	7032	No	
5	BTCO02012	English	2	0	2	60	3	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
	-	Total	12	2	12	390	20	12		-	40	40	170	250	250	400	200	450				

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

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

HOD:

Dr. Ajay Phrike

Date: 11/07/2020



Pls. Note:-Any approval/change should be hlighlighted in grey as per academic council meeting, dated 12th June 2020 Page No.-418

[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)}/ All Programme, can use common question paper.

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21 (As approved in the Academic Council)

Name of the Programme: B. Tech. (Electronics and Telecommunication Engineering)

Year of the Programme: First year

Semester: I & II

-								Durat	ion of					Examina	ation Scher	ne (Weig	htage)					
								Exami (H		Mode of Exam		Distrib	ution o	f ICA M	arks	Т	EE	То	tal			R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week		Credit/s	Term End Exami nation	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *		Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weight age %	Template Codes	GR applica ble (Yes / No)	e m a r k
em	ester - I																					
1	BTET01001	Mathematics-I	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET01002	Basic Electrical Engineering	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTET01003	Physics	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTET01004	Engineering Graphics & Design	2	0	4	90	4	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUE
5	BTET01005	Constitution of India	2	0	0	30	0	-	Only ICA	= 1	10	10	30	50	50	-	-	50	100	7032	No	
		Total	13	3	8	360	18	12	_		50	50	150	250	250	400	200	450				
Sem	ester - II	1						T			_				1	_			1		Т	_
1	BTET02008	Mathematics-II	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTET02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTET02010	Chemistry	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTET02011	Workshop / Manufacturing Practices	1	0	4	75	3		Only ICA	-	-	-	50	50	50	-	-	50	100	7032	No	
5	BTET02012	English	2	0	2	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
_		Total	12	2	12	390	20	12		-	40	40	170	250	250	400	200	450				

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

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

HOD: Dr. Ajay Phrike

Date: 11/07/2020

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[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)}/ All Programme, can use common question paper.

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

Name of the Programme: B. Tech. (Mechanical Engineering)

Year of the Programme: First year

Semester: I & II

П	3	Inne. D. Teem (Meenume						Durat	ion of	8			E	xaminat	ion Scheme	e (Weigh	tage)					
						Total		Exami (H		Mode of Exam		Distribu	ition of	ICA Ma	rks	1	EE	Tot	al		- CD	R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	no. of hours for the subject (In term)	Credit/ s	Term End Exami natio n	Only ICA	Written / OffLine/On line/Compute r based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig htage %	Template Codes	GR applic able (Yes / No)	e m a r k
eme	ster - I																					_
1	BTME01001	Mathematics-I	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTME01002	Basic Electrical Engineering	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTME01003	Physics	3	1	2	90	5	3	775	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTME01004	Engineering Graphics & Design	2	0	4	90	4	3		Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUI
5	BTME01005	Constitution of India	2	0	0	30	0	-	Only ICA	-	10	10	30	50	50			50	100	7032	No	
		Total	13	3	8	360	18	12		-	50	50	150	250	250	400	200	450				
Seme	ster - II													_								
1	BTME02008	Mathematics-II	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTME02009	Programming for Problem Solving	3	0	4	105	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTME02010	Chemistry	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTME02011	Workshop / Manufacturing Practices	1	0	4	75	3	-	Only ICA			-	50	50	50	-) 	50	100	7032	No	
5	BTME02012	English	2	0	2	60	3	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
		Total	12	2	12	390	20	12	-	-	40	40	170	250	250	400	200	450				

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

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

HOD: Dr. Ajay Phrike

Date: 11/07/2020



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Pls. Note:-Any approval/change should be hlighlighted in grey as per academic council meeting, dated 12th June 2020 Page No.-418

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[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)}/ All Programme, can use common question paper.

^{##} Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

Name of the Programme: B. Tech. (Civil Engineering)

Year of the Programme: First year

Semester: I & II

		anime. B. Tech. (Civil El	ľ	0,				Durati	ion of				E	xaminat	ion Schem	e (Weight	age)					
						Total		Examin (H		Mode of Exam		Distril	oution of l	CA Mai	ks	Т	EE	Tot	al		GR	R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	no. of hours for the subject (In term)	Credit/ s	Term End Exami nation	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work*	Total Marks	Scaled to (Marks)	Marks (Questio n Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig htage %		applic	e m a r k
em	ester - I								1					_								_
1	BTCI01001	Mathematics-I	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTCI01002	Basic Electrical Engineering	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTCI01003	Physics	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTCI01004	Engineering Graphics & Design	2	0	4	90	4	3	-	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUI
5	BTCI01005	Constitution of India	2	0	0	30	0	()	Only ICA	-	10	10	30	50	50		-	50	100	7032	No	
	bewell	Total	13	3	8	360	18	12		-	50	50	150	250	250	400	200	450				
Sem	ester - II															т	1	1				_
1	BTCI02008	Mathematics-II	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTCI02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTCI02010	Chemistry	3	1	2	90	5	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTCI02011	Workshop / Manufacturing Practices	1	0	4	75	3	_	Only ICA	_	-	-	50	50	50	-	-	50	100	7032	No	
5	BTCI02012	English	2	0	2	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
		Total	12	2	12	390	20	12	-	-	40	40	170	250	250	400	200	450				

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

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

Date: 11/07/2020



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Dr. Alka Mahajan

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[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)] / All Programme, can use common question paper.

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

Name of the Programme: B. Tech. (Mechatronics Engineering)

Year of the Programme: First year

Semester: I & II

10111	l di tite i rogium	me: B. Tech. (Mechatron)		8/	T T			Durati	-	e i rogramme. i		10-10-		Examina	tion Schem	e (Weight	age)			1		
						Total		Examir (Hr		Mode of Exam		Distril	oution of	ICA Ma	rks	Т	EE	To	al		GR	R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week		Practicals Hours per week	no. of hours for the subject (In term)	Credit /s	Term End Examin ation	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questio n Paper)	Scaled to (Marks)	Scaled Marks (ICA+ TEE)	Weig		applic	e m a r k
eme	ester - I												1					1				1
1	BTMA01001	Mathematics-I	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTMA01002	Basic Electrical Engineering	3	1	2	90	5	3	===	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTMA01003	Physics	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTMA01004	Engineering Graphics & Design	2	0	4	90	4	3	8-8	Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUI
5	BTMA01005	Constitution of India	2	0	0	30	0	-	Only	-	10	10	30	50	50	-		50	100	7032	No	
		Total	13	3	8	360	18	12	-	-	50	50	150	250	250	400	200	450				
Sem	ester - II												,					,	_			
1	BTMA02008	Mathematics-II	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTMA02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTMA02010	Chemistry	3	1	2	90	5	3		Written	10	10	- 30	50	50	100	50	100	100	7031	Yes	##
4	BTMA02011	Workshop / Manufacturing Practices	1	0	4	75	3	-	Only ICA	-	-	-	50	50	50	-		50	100	7032	No	
5	BTMA02012	English	2	0	2	60	3	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
		Total	12	2	12	390	20	12	-	-	40	40	170	250	250	400	200	450				

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

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

HOD:_____ Dr. Ajay Phrike

Date: 11/07/2020



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[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)}/ All Programme, can use common question paper.

School Name: Mukesh Patel School of Technology Management & Engineering

Teaching Scheme for Academic Year: 2020-21

(As approved in the Academic Council)

Name of the Programme: B. Tech. (Data Science)

Year of the Programme: First year

Semester: I & II

	e or me rroge	amme: B. Tech. (Data Sci						_	tion of	le i rogramme. I					tion Scheme	e (Weigh	tage)					
						Total no. of			ination Irs)	Mode of Exam		Distril	oution of	ICA Mai	rks	Т	EE	Tot	al		GR	R
Sr. No.	Module / Subject Code	Name of the Module	Theory Hours per week	Tutorials Hours per week	Practicals Hours per week	hours	Credit /s	Term End Exami natio n	Only ICA	Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation	Test I	Test II	Term work *	Total Marks	Scaled to (Marks)	Marks (Questi on Paper)	(Marks)	Scaled Marks (ICA+ TEE)	Weig htage %	Template Codes	applic	e m a r k
eme	ster - I											1			1				_		_	_
1	BTDS01002	Mathematics-I	3	1	0	60	4	3	-	Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTDS01003	Basic Electrical Engineering	3	1	2	90	5	3	377.	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTDS01004	Physics	3	1	2	90	5	3	870	Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTDS01005	Engineering Graphics & Design	2	0	4	90	4	3		Practical	10	10	30	50	50	100	50	100	100	7031	Yes	NUI
5	BTDS01006	Constitution of India	2	0	0	30	0	776	Only ICA	-	10	10	30	50	50	-	-	50	100	7032	No	
		Total	13	3	8	360	18	12	-	-	50	50	150	250	250	400	200	450				
Seme	ester - II																		_	eria rene		
1	BTDS02008	Mathematics-II	3	1	0	60	4	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	#
2	BTDS02009	Programming for Problem Solving	3	0	4	105	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
3	BTDS02010	Chemistry	3	1	2	90	5	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
4	BTDS02011	Workshop / Manufacturing Practices	1	0	4	75	3	-	Only ICA	-	-		50	50	50	-		50	100	7032	No	
5	BTDS02012	English	2	0	2	60	3	3		Written	10	10	30	50	50	100	50	100	100	7031	Yes	##
		Total	12	2	12	390	20	12		_	40	40	170	250	250	400	200	450				

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

Syllabus common for different streams/ Programme can use common question paper (B.Tech. IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science)

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

HOD:_____ Dr. Ajay Phrike

Date: 11/07/2020



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Dean : _____ Dr. Alka Mahajan Pls. Note:-Any approval/change should be hlighlighted in grey as per academic council meeting, dated 12th June 2020 Page No.-418

[#] syllabus common for {B.Tech. (IT, Computer, EXTC, Mechanical, Civil, Mechatronics, Data Science) & MBA Tech. (IT, EXTC, Mechanical, Computer, Chemical)] / All Programme, can use common question paper.