

SVKM'S Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management and Engineering

Year 2018-19

Teaching Scheme: B.Tech (2nd Year) For the Academic Year (2018-19)

Name of The Program: B.Tech Civil Engineering										Year: 2018-19							Semester: III							
Sr. No.	SAP Modul e Code	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 (Hours per week)	Credit /s	Credit /s Types	Term End Exam Duration (Hrs)		Mode of exam	Examination Scheme (Weightage)								Template Codes	GR Applicable (Yes /No)	Remarks	
										Written	Only ICA		ICA					TEE		Total				
												Written/Offline/Online /Computer based/ Practical/Viva /Jury/	Test - I	Test - II	Term Work *	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks	Weightage			
1	BTCI03001	BTCI03001	Engineering Mathematics – III	3	0	2	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
2	BTCI03002	BTCI03002	Surveying – I	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
3	BTCI03003	BTCI03003	Strength of Materials	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
4	BTCI03004	BTCI03004	Building Materials and Construction	3	0	2	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
5	BTCI03005	BTCI03005	Engineering Geology	3	0	0	3	3	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
6	BTCI03006	BTCI03006	Fluid Mechanics	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
Total				18	6	4	28	23		18	-		60	60	180	300	180	420	420	600	-	-		

* Term Work = Viva / Presentations / Journals / Assignments / Quizzes / MCQs / Business plans / Role Plan etc.

Syllabus common for B.Tech (Civil) and MBA Tech. (Civil), can use common question paper.

Date : 21/9/18

Dr. Tanuja Bandivadekar
HOD, CIVIL Department



SVKM'S Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management and Engineering

: Year 2018-19

Teaching Scheme: B.Tech (2nd Year) For the Academic Year (2018-19)

Name of The Program: B.Tech Civil Engineering										Year: 2018-19							Semester: IV							
Sr. No.	SAP Modul e Code	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 (Hours per week)	Credit/ s	Credit/ s Types	Term End Exam Duration (Hrs)		Mode of exam	Examination Scheme (Weightage)								Template Codes	GR Applicable (Yes /No)	Remarks	
										Written	Only ICA		ICA					TEE		Total				
												Written/Off Line/Online /Computer based/ Practical/Viva /Jury/	Test - I	Test - II	Term Work *	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks				Weightage
1	BTCI04001	BTCI04001	Engineering Mathematics - IV	3	0	2	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	
2	BTCI04002	BTCI04002	Surveying - II	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
3	BTCI04003	BTCI04003	Structural Analysis - I	3	0	2	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
4	BTCI04004	BTCI04004	Concrete Technology	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
5	BTCI04005	BTCI04005	Hydraulic Engineering	3	2	0	5	4	full credit	3	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
6	BTCI04006	BTCI04006	Building Design and Drawing - I	1	4	0	5	3	full credit	4	-	Written	10	10	30	50	30	70	70	100	100	7008	Yes	#
7	BTCI04007	BTCI04007	Safety Health and Environmental Engineering**	2	0	0	2	0	Non Credit	-	Only ICA	-	10	10	30	50	50	-	-	50	100	7003	No	
Total				18	10	4	32	23		19	-		70	70	210	350	350	420	420	650	-	-		

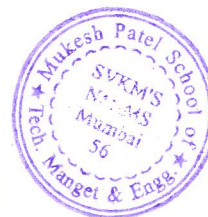
** Non Credit Course

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Syllabus common for B.Tech (Civil) and MBA Tech. (Civil), can use common question paper.

Date: 21/9/18

Dr. Tanuja Bandivadekar
HOD, CIVIL Department



SVKM'S Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management and Engineering

Teaching Scheme: B.Tech (3rd Year) For the Academic Year (2018-19)

Name of The Program: B.Tech Civil Engineering									Year: 2018-19							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 (Hours per week)	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	Scaled to (Marks)	Marks (Question Paper)	Scaled to (Marks)	Marks (ICA+ TEE)	Weightage %					
1	BTCI05001	Structural Analysis – II	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
2	BTCI05002	Geotechnical Engineering – I	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
3	BTCI05003	Building Design and Drawing – II	1	2	0	3	2	Half Credit	-	Only ICA		15	15	20	50	50	-	-	50	100	7003	No		
4	BTCI05004	Hydraulic Machinery	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
5	BTCI05005	Highway and Railway Engineering	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
6	BTCI05006	Environmental Engineering – I	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#	
7	BTCI05007	Building Utilities and Services	3	0	0	3	3	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
8	BTCI05008	Entrepreneurship and Management**	2	0	0	2	0	No Credit	-	Only ICA		15	15	20	50	50	-	-	50	100	7003	No		
Total			21	10	2	33	25		18	-		120	120	160	400	280	420	420	700					

** Non Credit Course

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Syllabus common for B.Tech (Civil) and MBA Tech. (Civil), can use common question paper.

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

Date :

Dr. Tanuja Bandivadekar
HOD, CIVIL Department

SVKM'S Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management and Engineering

Year 2018-19

Teaching Scheme: B.Tech (3rd Year) For the Academic Year (2018-19)

Name of The Program: B.Tech Civil Engineering											Year: 2018-19				Semester: VI									
Sr. No.	SAP Module Code	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 (Hours per week)	Credit/s	Credit/s Types	Term End Exam Duration (Hrs)		Mode of exam Written/Off Line/Online /Computer based/ Practical/Viva /Jury/ Presentation	Examination Scheme (Weightage)								Template Codes	GR Applicable (Yes /No)	Remarks	
										Written	Only ICA		ICA					TEE		Total				
													Test - I	Test - II	Term Work *	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks				Weightage
1	BTCI06001	BTCI06001	Geotechnical Engineering - II	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#
2	BTCI06002	BTCI06002	Theory of Reinforced Concrete and Prestressed Concrete	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
3	BTCI06003	BTCI06003	Irrigation Engineering	3	0	0	3	3	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#
4	BTCI06004	BTCI06004	Environmental Engineering - II	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#
5	BTCI06005	BTCI06005	Design of Steel Structures	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
6	BTCI06006	BTCI06006	Transportation Engineering	3	0	0	3	3	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
7	BTCI06007	BTCI06007	Presentation and Communication Techniques	2	2	0	4	3	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
Total				20	2	8	30	25		21	-		105	105	140	350	210	490	490	700	-	-		

* Term Work = Viva / Presentations / Journals / Assignments / Quizes / MCQs / Business plans / Role Plan etc.

Syllabus common for B.Tech (Civil) and MBA Tech. (Civil), can use common question paper.

Date: 21/9/18

Dr. Tanuja Bandivadekar
HOD, CIVIL Department



SVKM'S Narsee Monjee Institute of Management Studies
Mukesh Patel School of Technology Management and Engineering

Year 2018-19

Teaching Scheme: B.Tech (4th Year) For the Academic Year (2018-19)

Name of The Program: B.Tech Civil Engineering									Year: 2018-19			Semester: VII												
Sr. No.	SAP Module Code	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 (Hours per week)	Credit/s	Credit /s types	Term End Exam Duration (Hrs)		Mode of exam	Examination Scheme (Weightage)									Template Codes	GR Applicable (Yes /No)	Remarks
													ICA					TEE		Total				
										Written	Only ICA	Written/Off Line/Online /Computer based/ Practical/Viva /Jury/ Presentation	Test - I	Test - II	Term Work *	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	Marks	Weightage			
1		BTCI07001	Limit State Design of Reinforced Concrete Structures	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
2		BTCI07002	Quantity Surveying, Estimation and Valuation	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
3		BTCI07003	Construction Equipment and Techniques	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	#
4		BTCI07004	Project - I	0	0	6	6	3	full credit	-	Only ICA	-	-	-	50	50	50	-	-	50	100	7003	No	
5		BTCI07005-10	Elective - I	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
6		BTCI07011-17	Elective - II	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
Total				15	0	16	31	23		15			75	75	150	300	200	350	350	550	-	-		

* Term Work = Viva / Presentations / Journals / Assignments / Quizzes / MCQs / Business plans / Role Plan etc.

Syllabus common for B.Tech (Civil) and MBA Tech. (Civil), can use common question paper.

Date : 21/5/18

Dr. Tanuja Bandivadekar
HOD, CIVIL Department



At 05th Oct, 2018
minutes

Revised on 15/11/18

SVKM's NMIMS																								
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING																								
Teaching Scheme for Academic Year: 2018-2019																								
(As approved in the Academic Council)																								
Name of the Programme: B.TECH CIVIL ENGINEERING								Year of the Programme: Fourth Year								Semester : VIII								
Sr. No.	Module / Subject Code	Name of the Module	Theor y Hours per week	Practic als Hours per week	Tutori als Hours per week	Total no. of Hours for the subject	Credi t/s	Credit/s types	Duration of Examination (Hrs)		Mode of Exam	Examination Scheme (Weightage)								Templa te Codes	GR applic able (Yes / No)	R e m a r k		
									Term End Exami nation	Only ICA		Distribution of ICA Marks					TEE		Total					
												Test I	Test II	Term work *	Total Marks	Scale d to (Mar ks)	Marks (Questi on Paper)	Scaled to (Mark s)	Marks (ICA+ TEE)				Weigh tage %	
1	BTCI08001	Advanced Design of Concrete Structures	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
2	BTCI08002	Construction Project Management and Finance	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
3	BTCI08003	Project-II	0	0	12	12	6	full credit	-	Only ICA	-	-	-	100	100	100	-	-	100	100	7003	No		
4	BTCI08004-09	Elective - III	3	0	2	5	4	full credit	3	-	Written	15	15	50	50	30	70	70	100	100	7008	Yes		
5	BTCI08010-16	Elective - IV	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
6	BTCI08017	Numerical Methods	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes		
Total			15	0	22	37	26		15			75	75	230	350	250	350	350	600					

* Term Work = Viva / Presentations / Journals / Assignments / Quizes / MCQs / Business plans / Role Plan etc.

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

Date:

15/11/18

Dr. Tanuja Bandivadekar
HOD, CIVIL Department

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Elective - I	
Module/ Subject Code	Name of the Module
BTCI07005	Advanced Structural Analysis
BTCI07006	Advanced Structural Mechanics
BTCI07007	Soil Dynamics
BTCI07008	Water Distribution Systems
BTCI07009	Finite Element Analysis in Civil Engineering
BTCI07010	Analysis of Transportation System

Elective - II	
Module/ Subject Code	Name of the Module
BTCI07011	Pavement Subgrade and Materials
BTCI07012	Urban Transportation Systems Planning
BTCI07013	Planning and Design of Environmental Facilities
BTCI07014	Air Quality Management
BTCI07015	Green and Intelligent Buildings
BTCI07016	Construction Safety
BTCI07017	Construction Economics and Finance Management

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

Elective-III	
Module/ Subject Code	Name of the Module
BTCI08004	Structural Dynamics
BTCI08005	Earthquake Engineering
BTCI08006	Rock Mechanics
BTCI08007	Design of Hydraulic Structures
BTCI08008	Numerical Modelling of Groundwater Flow and Transport
BTCI08009	Traffic Analysis and Design

Elective-IV	
Module/ Subject Code	Name of the Module
BTCI08010	Pavement Design and Construction
BTCI08011	GIS and Remote Sensing
BTCI08012	Industrial Waste Treatment
BTCI08013	Environmental Impact Assessment and Audit
BTCI08014	Construction Quality Control and Assurance
BTCI08015	Construction Contracts and Administration
BTCI08016	Smart Cities: Planning and Technology

Date:

Dr. Tanuja Bandivadekar
HOD, CIVIL Department

Dean:



BTECH/CIVIL/2018-19