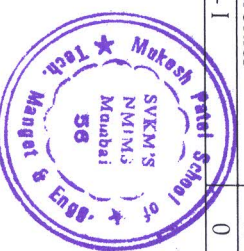


Name of the Programme: B.TECH MECHANICAL										Semester: III		Year: 2014 - 15							
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End		Examination Scheme (Weightage)						Template Codes		
									Exam	Written/ Only ICA	*ICA			TEE		Total			
											Test I	Test II	Term work	Total Marks	Weightage	Marks		Weightage	Marks
1	71100E010	BTME03001	Engineering Mathematics - III	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	7005
2	71103E005	BTME03002	Engineering Thermodynamics	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	7005
3	71103S006	BTME03003	Strength of Materials	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005
4	71103F003	BTME03004	Fluid Mechanics	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005
5	71103T001	BTME03005	Theory of Machines - I	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005
6	71103M001	BTME03006	Machine Drawing	2	4	0	6	4	2	-	15	15	20	50	40%	50 *	60%	100	7005
7																			

* Practical examination to be conducted at school level

Name of the Programme: B.TECH MECHANICAL										Semester: IV		Year: 2014 - 15									
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End		Examination Scheme (Weightage)							Template Codes			
									Exam	Only ICA	*ICA			TEE		Total					
											Written / Online	Test I	Test II	Term work	Total Marks		Weightage		Marks	Weightage	Marks
1	71100E015	BTME04001	Engineering Mathematics - IV	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	7005		
2	71103M004	BTME04002	Manufacturing Processes - I	3	0	0	3	3	3	-	15	15	20	50	40%	100	60%	100	7005		
3	71103F002	BTME04003	Fluid Machinery	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005		
4	71103M005	BTME04004	Materials Engineering	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005		
5	71103E006	BTME04005	Environmental Engineering and Management Systems	3	0	0	3	3	3	-	15	15	20	50	40%	100	60%	100	7005		
6	71103T002	BTME04006	Theory of Machines - II	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	7005		
7	71103I002	BTME04007	Industrial Electronics	2	2	0	4	3	3	-	15	15	20	50	40%	100	60%	100	7005		
8	71103M017	BTME04008	Machine Shop - I	0	2	0	2	1	0	-	0	0	50	50	100%	0	0	50	7003		



Signature

SVKM'S NMIMS

SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 Template Codes for Academic year: 2014-15

Campus: MUMBAI

(As approved in the Academic Council)

Name of the Programme: B.TECH MECHANICAL										Semester: V		Year: 2014 - 15								
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credits	Term End Exam		Examination Scheme (Weightage)						Template Codes			
									Written / Online	Only ICAI	Test I	Test II	Ter m work	Total Marks	Wei ghage	Marks		Wei ghage	Marks	Wei ghage
1	71103T003	BTME05001	Thermal Engineering	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
2	71103M003	BTME05002	Manufacturing Processes - II	3	0	0	3	3	3	-	15	15	20	50	40%	100	60%	100	100	7005
3	71103D004	BTME05003	Design of Machine Elements - I	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
4	71103M014	BTME05004	Mechatronics and Controls	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
5	71103M015	BTME05005	Mechanical Measurement and Metrology	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
6	71103M016	BTME05006	Machine Shop - II	0	2	0	2	1	0	-	0	0	50	50	100%	0	0	50	100	7003
7	71103I003	BTME05007	Industrial Engineering	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005

SVKM'S NMIMS

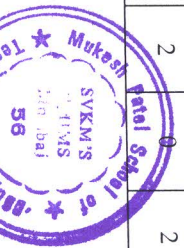
SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
 Template Codes for Academic year: 2014-15

Campus: MUMBAI

(As approved in the Academic Council)

Name of the Programme: B.TECH MECHANICAL										Semester: VI		Year: 2014 - 15								
										Examination Scheme (Weightage)										
Sr No	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no of hours for the subject	Credits	Term End Exam		*ICA				TEE		Total		Template Codes	
									Written Online	Only ICA	Test I	Test II	Term work	Total Marks	Weightage	Marks	Weightage	Marks		Weightage
1	71103H002	BTME06001	Heat Transfer	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
2	71103I001	BTME06002	I. C. Engines	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
3	71103D005	BTME06003	Design of Machine Element - II	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
4	71103V002	BTME06004	Vibration Engineering	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
5	71103M011	BTME06005	Manufacturing Management	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
6	71103P010	BTME06006	Presentation and Communication Techniques	2	0	2	4	3	3	-	15	15	20	50	40%	100	60%	100	100	7005

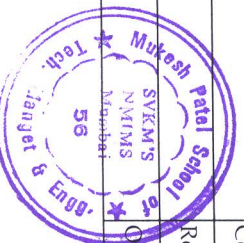


SVKM'S NMIMS
 Mukesh Patel School of Technology Management & Engineering
 Mumbai

Name of the Programme: B.TECH MECHANICAL										Semester: VII		Year: 2014 - 15									
Sr. No	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credit/s	Term End Exam		Examination Scheme (Weightage)						Template Codes				
									Duration	Only ICA	*ICA		TEE		Total						
									Written/ Online	Test I	Test II	Term work	Total Marks	Weightage	Marks	Weightage	Marks	Weightage			
1	71103D006	BTME07001	Design of Mechanical Systems	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005	
2	71103R002	BTME07002	Refrigeration and Air Conditioning	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005	
3	71103F001	BTME07003	Finite Element Analysis	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005	
4	71103P006	BTME07004	Project Part - I	0	6	0	6	3	0	-	0	0	50	50	100%	0	0	50	100	7003	
5			Elective I	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005	

Name of the Programme: B.TECH MECHANICAL										Semester: VIII			Year: 2014 – 15							
Sr. No.	SAP Module Code	Module / Subject Code	Name of the Module	Theory	Practicals	Tutorials	Total no. of hours for the subject	Credit/s	Term End Exam		Examination Scheme (Weightage)				TEE		Total		Template Codes	
									Written/ Online	Only ICA	*ICA		Total Marks	Weig hage	Marks	Weightage	Marks	Weightage		
1	71103T006	BTME08001	Total Quality Management	3	0	0	3	3	3	-	15	15	20	50	40%	100	60%	100	100	7005
2	71103P007	BTME08002	Product Design and Development	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
3	71103C005	BTME08003	CAD/CAM/CAE	3	2	0	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005
4	71103E002	BTME08004	Engineering Economics and Accounting	3	0	0	3	3	3	-	15	15	20	50	40%	100	60%	100	100	7005
5	71103P008	BTME08005	Project Part - II	0	8	0	8	4	0	-	0	0	100	100	100%	0	0	100	100	7003
6			Elective II	3	0	2	5	4	3	-	15	15	20	50	40%	100	60%	100	100	7005

Elective I				Elective II			
Subject	Code	SAP Code		Subject	Code	SAP Code	
Tribology	BTME07005		Dynamic System Modeling and Analysis		BTME08006		
Non Conventional Energy Sources	BTME07006	71103N004	Rapid Prototyping and Tooling		BTME08007		
Advanced Turbomachinery	BTME07007		Reliability Engineering		BTME08008		
Automobile Engineering	BTME07008	71103A006	Computational Fluid Dynamics		BTME08009		71103C006
Introduction to Nano-Technology	BTME07009		Robotics		BTME08010		
Project Management	BTME07010	71103P009	Operations Research		BTME08011		



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