

SVKM's NMIMS
School Name: MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
Course Structure for Academic year: 2018-19
Campus: MUMBAI
(As approved in the Academic Council)

Name of the Programme: B.TECH INTEGRATED MECHANICAL																					
(As approved in the Academic Council)											Year 2018 - 19			Semester: IX / X							
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	Term End Exam Duration (Hrs)					Examination Scheme (Weightage)					Template Codes			
								Written	Only ICA	Test I	Test II	Term work	Total Marks	Scaled to (Marks)	Marks	Scaled to (Marks)	TEE		Total	Marks	Weightage %
Semester: IX																					
1	BTMEI09001	Refrigeration & Air Conditioning	3	2	0	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
2	BTMEI09002	Design of Machine Element - III	3	2	0	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
3	BTMEI09003	Additive Manufacturing	3	2	0	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
4	BTMEI09004	Project Part - I	0	6	0	6	3	0	-	-	-	30	50	50	-	-	50	100	7003		
5	BTMEI09005	Electives I	3	0	2	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
Total			12	12	2	26	19	12	0	60	60	130	250	210	240	240	450				
Semester: X																					
1	BTMEI0001	Total Quality Management	3	0	0	3	3	3	-	15	15	20	50	40	60	60	100	100	7005		
2	BTMEI0002	Design of Mechanical Systems	3	2	0	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
3	BTMEI0003	Engineering Economics, Costing, and Accounting	3	0	0	3	3	3	-	15	15	20	50	40	60	60	100	100	7005		
4	BTMEI0004	Project Part - II	0	8	0	6	4	0	-	-	-	100	100	100	-	-	100	100	7003		
5		Elective II	3	0	2	5	4	3	-	15	15	20	50	40	60	60	100	100	7005		
Total			12	10	2	24	18	12	0	60	60	130	300	260	240	240	500				

Elective I	
Code	Subject
BTMEI0005	Renewable Energy Sources
BTMEI0006	Advanced Turbomachinery
BTMEI0007	Automobile Engineering
BTMEI0008	Introduction to Nano-Technology
BTMEI0009	Project Management

Elective II	
Code	Subject
BTMEI0005	Dynamic System Modeling and Analysis
BTMEI0006	Reliability Engineering
BTMEI0007	Computational Fluid Dynamics
BTMEI0008	Robotics
BTMEI0009	Operations Research



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