

SVKM's NMIMS																							
School Name: Mukesh Patel School of Technology Management & Engineering																							
Teaching Scheme for Academic Year: 2019-20																							
(As approved in the Academic Council)																							
Name of the Programme: B. Tech. Mechatronics Engineering										Year of the Programme: Final Year										Semester : VIII			
Sr. No.	Module / Subject Code	Name of the Module	Theory (Hours per week)	Practical (Hours per week)	Tutorials (Hours per week)	Total no. of hours for the subject	Credit /s	Credit/s types	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	BTMA08001	Industrial Robotics	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
2	BTMA08002	Product Design and Development	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
3	BTMA08003	Project Phase - II	0	8	0	8	4	full credit	3	Only ICA	Written	0	0	100	100	100	-	-	100	100	7003	No	
4		Elective III (Anyone)																					
	BTMA08004	Project Management	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
	BTMA08005	Additive Manufacturing	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
	BTMA08006	Reliability Engineering	3	0	2	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
5		Elective IV (Anyone)																					
	BTMA08007	Virtual Instrumentation	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
	BTMA08008	Automotive Electronics	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
	BTMA08009	Artificial Intelligence	3	2	0	5	4	full credit	3	-	Written	15	15	20	50	30	70	70	100	100	7008	Yes	
		Total	12	14	4	28	20		15	0	--	60	60	180	300	220	280	280	500	500			

*Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.
 NUE = Non University Examination (Examination conducted at school level)

Elective - III	
Code	Subject
BTMA08004	Project Management
BTMA08005	Additive manufacturing
BTMA08006	Reliability Engineering

Elective - IV	
Code	Subject
BTMA08007	Virtual Instrumentation
BTMA08008	Automotive Electronics
BTMA08009	Artificial Intelligence

Date: 17/4/19

Prof. Vinod Jain
 HOD, Mechatronics Department

Date: _____

