

Name of the Programme: B. Tech. Mechatronics Engineering							Year of the Programme: Second Year				Semester: III & IV											
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 (In term)	Credit/s	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)	Scaled Marks (ICA+ TEE)	Weight age %				
<b>Semester - III</b>																						
1	BTMA03007	Mathematics -III	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTMA03008	Presentation and Communication Techniques	2	0	0	30	2	--	Only ICA	--	10	10	30	50	50	-	-	50	100	7032	No	
3	BTMA03009	Digital Electronics	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTMA03010	Engineering Mechanics	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTMA03011	Manufacturing Processes	3	0	0	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTMA03012	Analog Devices and Circuits	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	50	100	7031	Yes	
<b>Total</b>			<b>17</b>	<b>6</b>	<b>1</b>	<b>360</b>	<b>21</b>	<b>15</b>	<b>--</b>	<b>--</b>	<b>60</b>	<b>60</b>	<b>180</b>	<b>300</b>	<b>300</b>	<b>500</b>	<b>250</b>	<b>500</b>				
<b>Semester - IV</b>																						
1	BTMA04008	Mathematics - IV	3	0	1	60	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
2	BTMA04009	Principles of Economics and Management	3	0	0	45	3	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
3	BTMA04010	Control Systems	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
4	BTMA04011	Microprocessor and Microcontroller	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
5	BTMA04012	Principles of Communication Engineering	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
6	BTMA04013	Strength of Materials	3	2	0	75	4	3	--	Written	10	10	30	50	50	100	50	100	100	7031	Yes	
7	BTMA04014	Environmental Studies	2	0	0	30	0	--	Only ICA	--	10	10	30	50	50	-	-	50	100	7032	No	
<b>Total</b>			<b>20</b>	<b>8</b>	<b>1</b>	<b>435</b>	<b>23</b>	<b>18</b>	<b>--</b>	<b>--</b>	<b>70</b>	<b>70</b>	<b>210</b>	<b>350</b>	<b>350</b>	<b>600</b>	<b>300</b>	<b>650</b>				

\*Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.


Date:  
22.06.2020Prof. Vinod Jain  
HOD, Mechatronics Department

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