

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DEGREE IN BIOMEDICAL ENGINEERING**  
**PROPOSED TEACHING SCHEME**

**Semester - V**

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	Management - II	2	0	0	2
2	Biomaterials & Implants	4	0	2	6
3	Biomedical Transducers	3	0	2	5
4	Microcontroller & Interfacing	3	0	2	5
5	Signal & Systems	4	0	2	6
6	Modelling & Simulation of Biological Systems (Institute Elective-II)	4	0	2	6
	<b>TOTAL</b>	<b>20</b>	<b>0</b>	<b>10</b>	<b>30</b>