



## B.E. BIOMEDICAL ENGINEERING REGULATIONS – 2019 CHOICE BASED CREDIT SYSTEM

### CURRICULUM FOR I TO II SEMESTERS

#### SEMESTER I

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	C
<b>THEORY</b>							
1		Language Elective I	HSM	1	0	2	2
2	U19MA101	Calculus and Differential Equations	BS	3	1	0	4
3	U19PH101	Engineering Physics I	BS	2	0	2	3
4	U19CY101	Engineering Chemistry I	BS	2	0	2	3
5	U19CSG01	Problem Solving using Python Programming	ES	2	0	2	3
<b>PRACTICALS</b>							
6	U19MEG01	Engineering Graphics	ES	1	0	4	3
7	U19BM101	Workshop (BME)	ES	0	0	4	2
<b>TOTAL</b>				<b>11</b>	<b>1</b>	<b>16</b>	<b>20</b>

#### SEMESTER II

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	C
<b>THEORY</b>							
1		Language Elective II	HSM	1	0	2	2
2	U19MA202	Complex Variables and Partial Differential Equations	BS	3	1	0	4
3	U19PH201	Advanced Physics	BS	3	0	0	3
4	U19CY201	Engineering Chemistry II (BME)	BS	2	0	2	3
5	U19CSG02	Computational Thinking	ES	2	0	2	3
6	U19BM201	Electronic Devices and Circuits	ES	2	0	2	3
7	U19BM202	Circuit Theory	ES	2	1	0	3
<b>TOTAL</b>				<b>15</b>	<b>1</b>	<b>8</b>	<b>21</b>



## LANGUAGE ELECTIVE I

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	C
1	U19LE101	Basic English	HSM	1	0	2	2
2	U19LE102	Communicative English	HSM	1	0	2	2

## LANGUAGE ELECTIVE II

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	C
1	U19LE201	Advanced Communicative English	HSM	1	0	2	2
2	U19LE202	German	HSM	1	0	2	2
3	U19LE203	Japanese	HSM	1	0	2	2
4	U19LE204	Hindi	HSM	1	0	2	2
5	U19LE205	Chinese	HSM	1	0	2	2