

# KPR Institute of Engineering and Technology (Autonomous Institution) Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi

Affiliated to Anna University, Chennai | Approved by AICTE, New Delhi

Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) and NAAC with 'A' Grade

An ISO 9001:2015 and ISO 14001:2015 Certified Institution | DSIR Certified Scientific and Industrial Research Organization

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Avinashi Road, Arasur, Coimbatore - 641 407 | +91 422 2635600 | www.kpriet.ac.in

### 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	Т	P	С		
THEORY									
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		
PRACTICALS									
6	U19MEG01	Engineering Graphics	ES	1	0	4	3		
7	U19BM101	Workshop (BME)	ES	0	0	4	2		
			TOTAL	11	1	16	20		

### **SEMESTER II**

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	Т	P	С	
THEORY								
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	
			TOTAL	15	1	8	21	



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## **LANGUAGE ELECTIVE I**

SL.NO.	COURSE CODE	COURSE TITLE	CATEGORY	L	T	P	С
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