



**SOLAPUR UNIVERSITY, SOLAPUR**  
**Faculty of Engineering & Technology (Revised from 2011-2012)**

*Credit System structure of B.E. Bio-medical Engineering W.E.F. 2017-2018 (CGPA) Semester I*

Theory Course Name	Hrs./week			Credits	Examination Scheme			
	L	T	P		ISE	ESE	ICA	Total
Nuclear Medicine	4		--	4	30	70	-	100
Medical Informatics	4	1	—	5	30	70	25	125
Biomedical Instrumentation-III	4	-	--	4	30	70	-	100
Principles of Image processing	4	-	—	4	30	70	—	100
Hospital Management	4	1	-	5	30	70	25	125
<b>Sub Total</b>	<b>20</b>	<b>2</b>	<b>-</b>	<b>22</b>	<b>150</b>	<b>350</b>	<b>50</b>	<b>550</b>
<b>Laboratory</b>								
						ESE		
						POE	OE	
Nuclear Medicine	—	--	2	1	—	-	25	25
Biomedical Instrumentation-III	--	--	2	1	--	—	25	25
Principles of Image processing	—	—	2	1	—	25	—	25
Project Stage (I)		--	2	1				50
<b>Sub Total</b>	<b>--</b>	<b>-</b>	<b>08</b>	<b>4</b>		<b>75</b>	<b>125</b>	<b>200</b>
<b>Grand Total</b>	<b>20</b>	<b>02</b>	<b>08</b>	<b>26</b>	<b>150</b>	<b>425</b>	<b>175</b>	<b>750</b>

Note: Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In Semester Exam, ESE - End Semester Exam, ICA- Internal Continuous Assessment  
 ESE - University Examination (Theory &/ POE &/Oral examination)

Note:- \*Students have to be deputed to a reputed hospital for 24 hours (2Hrs per week) or (6Hrs/day \* 4days = 24Hrs)



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*Credit System structure of B.E. Bio-medical Engineering W.E.F. 2017-2018 (CGPA) Semester II*

Theory Course Name	Hrs./week			Credits	Examination Scheme			
	L	T	P		ISE	ESE	ICA	Total
Medical Imaging – II	4	–	-	4	30	70	-	100
Installation, maintenance and servicing	4	1	-	5	30	70	25	125
Biomedical Microsystems	4	-	-	4	30	70	-	100
Tissue Engineering	4	1	-	5	30	70	25	125
<b>Sub Total</b>	16	02	–	18	120	280	50	450
<b>Laboratory/Workshop</b>								
						ESE		
						POE	OE	
Medical Imaging – II	–	–	2	1	–	-	25	25
Installation, maintenance and servicing							25	25
Biomedical Microsystems	–	–	2	1	–	–	–	25
Final Project stage (II)	–	–	8	4	–	100	-	100
<b>Sub Total</b>		–	12	6	–	150		300
<b>Grand Total</b>	<b>16</b>	<b>02</b>	<b>12</b>	<b>24</b>	<b>120</b>	<b>430</b>	<b>200</b>	<b>750</b>

Note: Abbreviations: L- Lectures, P –Practical, T- Tutorial, ISE- In Semester Exam., ESE - End Semester Exam, ICA- Internal Continuous Assessment  
 ESE - University Examination (Theory &/ POE &/Oral examination)

**Note –**

- Batch size for the practical /tutorial shall be of 15 students. On forming the batches, if the strength of remaining students exceeds 7, then a new batch shall be formed.
- Project group for B.E. (Biomedical Engg.) Part I and Part II shall not be of more than **three** students.
- Term work assessment shall be a continuous process based on student's performance in – class tests, assignments, homework, subject seminars, quizzes, laboratory books and their interaction and attendance for theory and lab sessions as applicable