

**Bapuji Institute of Engineering and Technology**  
**DEPARTMENT OF PHYSICS**  
**CALENDER OF EVENTS-EVEN SEMESTER: AUGUST - DECEMBER- 2019**

<b>PARTICULARS</b>	<b>SEC</b>	<b>A</b>	<b>C</b>	<b>E</b>	<b>G</b>	<b>I</b>	<b>K</b>
Commencement of Even semester	<b>01-08-2019</b>	Common to all					
Last working date	<b>21-12-2019</b>	Common to all					
Assignment submission and Class room Presentations dates	1 <sup>st</sup> Assignment	To be submitted on <b>14/03/2020</b>					
	2 <sup>nd</sup> Assignment	To be submitted on <b>30/04/2020</b>					
	3 <sup>rd</sup> Assignment	To be submitted on <b>23/05/2020</b>					
<b>Semester theory Examination 06/01/2020 – 28/01/2020</b>							
Lab Internal Examinations (LIE)	1 <sup>st</sup> LIE	End of the First cycle					
	2 <sup>nd</sup> LIE	End of the Second cycle					
<b>Practical Examination 23/12/19 – 03/01/2020</b>							
Marks Distribution for Laboratory = <b>18PHYL 16</b>	Continuous Internal Evaluation For Record + Manual(Attendance) = <b>12+12 = 24</b>			Lab Internal Examinations (LIE) <b>= 16 Marks</b>			
Marks Distribution for Theory = <b>18PHY 12</b>	Internal Test = <b>30Marks</b> (average of all three IA)			Assignment (3) + Class room Presentations = <b>3+3+3 + 1=10 Marks</b>			
<b>Commencement of Even semester 10/02/2020</b>							

<b>Internal Assessment Date</b>	<b>Syllabus for IA</b>		<b>Topics for Assignment</b>
<b>1<sup>st</sup> IA - 23/09/2019 - 30/09/2019</b>	<b>CO 1</b>	SHM to Helmholtz resonator	Shock Waves, Bending of Beams, Torsional Pendulum.
	<b>CO 2</b>	Elasticity to Relations (Y, K n), Poisson's' ratio	
<b>2<sup>nd</sup> IA - 04/11/2019 - 09/11/2019</b>	<b>CO 3</b>	Gradient to Maxwell's equation	Lasers, and EM waves
	<b>CO 4</b>	HUP to Application of SWE	
<b>3<sup>rd</sup> IA - 13/12/2019 – 19/12/2019</b>	<b>CO 5</b>	Conductivity of Semi-Conductor and Dielectrics	Electrical conductivity of Metals
	<b>CO 6</b>	Optical Fibers	

- **Engineering Physics Lab Experiments**

<b>1<sup>st</sup> Cycle</b>		<b>2<sup>nd</sup> Cycle</b>	
<b>Lab I</b>	<b>Lab II</b>	<b>Lab I</b>	<b>Lab II</b>
1. Spring constant	4. Torsional Pendulum	7. Single Cantilever	10. Transistor characteristics
2. Dielectric constant	5. Field along the axis of a circular coil	8. Numerical aperture and acceptance angle of an optical fiber	11. Newton's rings
3. RLC Resonance	6. Photodiode Characteristic	9. Diffraction Grating	12. Fermi energy of a conductor

DEPARTMENT	EVENT	TENTATIVE DATE
Physics, chemistry & Mathematics (SCIENCE FORUM)	Inauguration Forum Activity	10/08/2019
	Project Exhibition	15/10/2019



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