Bapuji Institute of Engineering and Technology
DEPARTMENT OF PHYSICS
CALENDER OF EVENTS-EVEN SEMESTER: FEBRUARY – JUNE - 2020

PARTICULARS	SEC	B	D	F	H	J	L
Commencement of Even semester	**10-02-2020**	Common to all					
Last working date	**01-06-2020**	Common to all					
SIP & Awareness about NBA Process	**10/02/2020 to 20/02/2020**						
Assignment submission and Class room Presentations dates	1st Assignment	To be submitted on **14/03/2020**					
	2nd Assignment	To be submitted on **30/04/2020**					
	3rd Assignment	To be submitted on **23/05/2020**					
Semester theory Examination 15/06/2020 – 04/07/2020							
Lab Internal Examinations **(LIE)**	1st LIE	End of the First cycle					
	2nd LIE	End of the Second cycle					
Practical Examination 03/06/2020 – 13/06/2020							
Marks Distribution for Laboratory = **18PHYL 16**	Continuous Internal Evaluation For Record + Manual(Attendance) **= 12+12 = 24**			Lab Internal Examinations (LIE) **= 16 Marks**			
Marks Distribution for Theory = **18PHY 12**	Internal Test **= 30Marks (average of all three IA)**			Unit Tests + Class room Presentations **= 5 + 5 =10 Marks**			
Commencement of Odd semester 10/08/2020							

Internal Assessment Date	Syllabus for IA		Topics for Assignment
1st I A - 18/03/2020 – 24/03/2020	**CO 1**	SHM to Helmholtz resonator	Shock Waves, Bending of Beams, Torsional Pendulum.
	CO 2	Elasticity to Relations (Y, K n), Poisson's' ratio	
2nd I A - 24/04/2020 - 30/04/2020	**CO 3**	Gradient to Maxwell's equation	Lasers, and EM waves
	CO 4	HUP to Application of SWE	
3rd I A – 23/05/2020 – 30/05/2020	**CO 5**	Conductivity of Semi-Conductor and Dielectrics	Electrical conductivity of Metals
	CO 6	Optical Fibers	

- **Engineering Physics Lab Experiments**

1st Cycle		**2nd Cycle**	
Lab I	**Lab II**	**Lab I**	**Lab II**
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)	Forum Activity International Science Day	28/02/2020
	Series Lecture Program	23/03/2020

Smt. V.K.Geetha
Asst. Prof. and HOD
BIET, Davangere