

Bapuji Institute of Engineering and Technology
DEPARTMENT OF PHYSICS_x
CALENDER OF EVENTS-EVEN SEMESTER: JUNE- 2022 – SEPTEMBER-2022

PARTICULARS	SEC	A	C	E	G	I	K
Commencement of Odd semester	06-06-2022	Common to all					
Last working date	31-08-2022	Common to all					
Assignment submission and Class room Presentations dates	Tentative						
	1 st Assignment	To be submitted on 09-07-2022					
	2 nd Assignment	To be submitted on 20-08-2022					
Semester theory Examination 12/09/2022 – 30/09/2022							
Lab Internal Examinations (LIE)	1 st LIE	End of the First cycle					
	2 nd LIE	End of the Second cycle					
Practical Examination 02/09/2022 – 09/09/2022							
Marks Distribution for Laboratory = 21PHYL 16	Continuous Internal Evaluation For Record + Manual + Viva = 15 + 8+ 7 = 30			Lab Internal Examinations (LIE) 20 Marks			
Marks Distribution for Theory = 21PHY 12	Internal Test = 20 Marks (average of all three IA)			Assignment (2) + Class room Presentations = 10 + 20 Marks			
Commencement of First year 1st Semester Classes 31/10/2022 (Tentative)							

Internal Assessment Date	Syllabus for IA		Topics for Assignment /Seminar/Quiz
1st I A - 04/07/2022 to 09/07/2022	CO 1	SHM to Forced oscillation	Assignment - CO 1 , CO 3, CO 4, CO 5 – 5 Marks Each
	CO 2	Black Body Radiation , up to Planks Law and HUP	
2nd I A - 01/08/2021 to 06/08/2022	CO 2	Schrodinger wave equation and its application	Seminar - CO 1 , CO 3, CO 4, CO 5 – 3 Marks Each
	CO 3	Lasers and Optical Fibers	
3rd I A - 22/08/2022 to 27/08/2022	CO 4	Electrical conductivity of Metals and Semi-Conductor.	Quiz - CO 1 , CO 3, CO 4, CO 5 – 2 Marks Each
	CO 5	Material Characterization Techniques and Instrumentation.SEM and AFM	

- **Engineering Physics Lab Experiments**

1st Cycle	2nd Cycle
1. Spring constant	6. Optical Fibre
2. Torsional Pendulum	7. Diffraction Grating
3. RLC Resonance	8. Fermi energy of a conductor
4. Stefan's Law	9. Dielectric constant
5. Photodiode Characteristic	10. Field along the axis of a circular coil
TENTATIVE	
Practical IA – 11-07-2022 to 20-08-2022	

DEPARTMENT	EVENT	TENTATIVE DATE
Physics, chemistry & Mathematics (SCIENCE FORUM)	Valedictory of Science Forum Activity	13/08/2022
	World Students Day	15/10/2022

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