

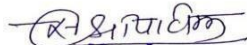
Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Physics

Academic Year - 2025-26

Bridge Course - B. Sc. I

Subject	Previous Syllabus	Syllabus at Degree Level
Physics	<ul style="list-style-type: none">• Units and Measurements• Fundamental and Derived Quantities• Scalars and Vectors• Rotational Motion• Circular Motion• Electricity and Magnetism• Electromagnetic Induction	<ul style="list-style-type: none">• Introduction to different Physical quantities (Scalars and Vectors)• Vector multiplication and Addition• Introduction to Newton's laws of motion and Keplers laws of motion.• Rotational motion and Moment of Inertia.• Introduction to operators in vector.• Introducing Differential equations (order and degree)• Conservation of momentum energy of particle and system of particles• Comparing linear motion and rotational motion


Head
Department of Physics
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Dr. Sandip. S. Patil

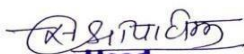
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Sr. No.	Date	Class	Time	Name of Teacher	Topic	Online/Offline	No of Students
1	04-07-2025	B. Sc. I	11.45 to 12.45	Mrs. B.A. Sutar	<ul style="list-style-type: none">• Introduction to different Physical quantities (Scalars and Vectors)	Room No. 44	43
2	05-07-2025	B. Sc. I	10.45 to 11.45	Dr. S.J. Pawar	<ul style="list-style-type: none">• Study of cell Introduction to Newton's laws of motion and Keplers laws of motion.• Rotational motion and Moment of Inertia.	Room No. 44	35
3	07-07-2025	B. Sc. I	01.00 to 02.00	Dr. S.S. Patil	<ul style="list-style-type: none">• Introduction to operators in vector.• Introducing Differential equations (order and degree)	Room No. 44	41
4	08-07-2025	B. Sc. I	10.45 to 11.45	Mr. A.K. Ladgaonkar	<ul style="list-style-type: none">• Conservation of momentum energy of particle and system of particles• Comparing linear motion and rotational motion	Room No. 44	30
5	09-07-2025	B. Sc. I	11.45 to 12.45	Dr. S.S. Patil	<ul style="list-style-type: none">• Vector multiplication and Addition	Room No. 44	42


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