



*Progressive Education Society's*  
**Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5.**  
**ESE (End Semester Examination) October/November 2025 (2023 PATTERN)**  
**T.Y. B. Sc. (Physics) SEM-V REGULAR**

Course Type	Course	Course Code	Course / Paper Title	Credit	ESE Marks	DATE	TIME
Major Mandatory ( 4 + 4 + 2)	Major Core Paper 10 (Theory )	23ScPhyU5101	Classical Mechanics & Mathematical Methods in Physics I	4	60	11/11/2025	11.00 am to 1.00 pm
	Major Paper 11 (Theory )	23ScPhyU5102	Quantum Mechanics I & Atomic and Molecular Physics	4	60	12/11/2025	11.00 am to 1.00 pm
	Major Paper 12 (Practical)	23ScPhyU5103	Lab Course on 23ScPhyU5101 & 23ScPhyU5102	2	30	<b>At Department</b>	
Major Electives	Elective I (Theory + Practical)	23ScPhyU5201	Electronics and Instrumentation ( T )	2	30	14/11/2025	11.00 am to 12.00 noon
		23ScPhyU5201	Electronics and Instrumentation ( P )	2	30	<b>At Department</b>	
	Elective II (Theory + Practical)	23ScPhyU5202	Physics of Semiconductor Devices	2	30	14/11/2025	11.00 am to 12.00 noon
		23ScPhyU5202	Physics of Semiconductor Devices	2	30	<b>At Department</b>	
Minor (4)	Minor Paper IV (Theory + Practical)	23ScPhyU5301	Physics Minor III (Thermodynamics) ( T )	2	30	15/11/2025	11.00 am to 12.00 noon
		23ScPhyU5301	Physics Minor III (Thermodynamics) ( P )	2	30	<b>At Department</b>	
VSC (2)	Major Specific Practical III	23ScPhyU5501	Experimental Techniques in Physics	2	30	<b>At Department</b>	
FP / CEP(2)	FP –II	23ScPhyU5002	Field Project II	2	30	<b>At Department</b>	

  
Dr. Yugandhar Shinde  
Dy. COE

  
Dr. R. M. Jagtap  
COE

  
Dr. Anjali Sardesai  
V.P. (Academics)

  
Dr. Nivedita Ekbote  
Principal

**Instructions:**

1. Reach the examination hall strictly 15 minutes before examination time.
2. The Regular CIE examinations will be conducted in offline mode at college.
3. The seating arrangement will be provided by concerned Department one day before examination date.
4. Use of mobile phone and smart watch is strictly prohibited.
5. Use of calculator can be done with prior permission of concern Subject Teacher.
6. Signing the Attendance sheet of the examination is compulsory.
7. MOOC based extra credits examinations will be conducted along with the ESE examinations.