ONLY FOR NEP 2023 PATTERN Prepared on: 15/09/2025

Progressive Education Society's

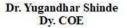
Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5.

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	At Department	
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	At Department	
	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	At Department	
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	At Department	
VSC (2)	Major Specific Practical III	23ScPhyU5501	Experimental Techniques in Physics	2	30	At Department	
FP / CEP(2)	FP –II	23ScPhyU5002	Field Project II	2	30	At Department	







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.