

Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 5.
ESE (End semester Examination) October-November- 2026 (2024 PATTERN)
T.Y.B.Sc. SEM-V (REGULAR)

Course Code	Course / Paper Title	Credit	ESE Marks	DATE	TIME
MAJOR					
24ScBotU5101	Cell Biology	2	30	24/10/2026	11.00 am to 12.00 noon
24ScCheU5101	Organic Chemistry	2	30	24/10/2026	11.00 am to 12.00 noon
24ScEleU5101	Electronic Instrumentation	2	30	24/10/2026	11.00 am to 12.00 noon
24ScMatU5101	Real Analysis	4	60	24/10/2026	11.00 am to 1.00 pm
24ScMicU5101	Medical Microbiology I	2	30	24/10/2026	11.00 am to 12.00 noon
24ScPhyU5101	Introduction to Mathematical Methods in Physics	2	30	24/10/2026	11.00 am to 12.00 noon
24ScStaU5101	Distribution Theory	4	60	24/10/2026	11.00 am to 1.00 pm
24ScZooU5101	Evolution	2	30	24/10/2026	11.00 am to 12.00 noon
24ScBotU5102	Molecular Biology	2	30	26/10/2026	11.00 am to 12.00 noon
24ScCheU5102	Physical Chemistry	4	60	26/10/2026	11.00 am to 1.00 pm
24ScEleU5102	Fundamentals of Process Control	2	30	26/10/2026	11.00 am to 12.00 noon

24ScMatU51 02	Groups and Rings	4	60	26/10/2026	11.00 am to 1.00 pm
24ScMicU51 02	Immunology I	2	30	26/10/2026	11.00 am to 12.00 noon
24ScPhyU51 02	Introduction to Classical Mechanics	2	30	26/10/2026	11.00 am to 12.00 noon
24ScStaU51 02	Statistical Inference	4	60	26/10/2026	11.00 am to 1.00 pm
24ScZooU51 02	Developmental Biology	2	30	26/10/2026	11.00 am to 12.00 noon
24ScBotU51 03	Genetics	2	30	27/10/2026	11.00 am to 12.00 noon
24ScCheU51 03	Introduction to Nano Chemistry & Applications	2	30	27/10/2026	11.00 am to 12.00 noon
24ScEleU51 03	Digital System Design	2	30	27/10/2026	11.00 am to 12.00 noon
24ScMatU51 03	Vector Calculus	2	30	27/10/2026	11.00 am to 12.00 noon
24ScMicU51 03	Biochemistry I	2	30	27/10/2026	11.00 am to 12.00 noon
24ScPhyU51 03	Introduction to Quantum Mechanics	2	30	27/10/2026	11.00 am to 12.00 noon
24ScStaU51 03	Data Mining	2	30	27/10/2026	11.00 am to 12.00 noon
24ScZooU51 03	Biochemistry	2	30	27/10/2026	11.00 am to 12.00 noon
24ScBotU51 04	Plant Breeding	2	30	28/10/2026	11.00 am to 12.00 noon
24ScCheU51 04	Lab Course on 24ScChe5101	2	30	At Department	
24ScEleU51 04	Realization of Digital System with Verilog 2	2	30	28/10/2026	11.00 am to 12.00 noon

24ScMatU5104	Lab Course on Operations Research	2	30	At Department	
24ScMicU5104	Molecular Biology I	2	30	28/10/2026	11.00 am to 12.00 noon
24ScPhyU5104	Atomic and Molecular Physics	2	30	28/10/2026	11.00 am to 12.00 noon
24ScStaU5104	Lab Course on 24ScStaU5101, 24ScStaU5102 and 24ScStaU5103	2	30	28/10/2026	11.00 am to 12.00 noon
24ScZooU5104	Human Physiology	2	30	28/10/2026	11.00 am to 12.00 noon
24ScBotU5105	Lab Course on 24ScBotU5101 and 24ScBotU5102	2	30	At Department	
24ScCheU5105	Lab Course on 24ScChe5102	2	30	At Department	
24ScEleU5105	Lab Course on 24ScEleU5101 & 24ScEleU5102	2	30	At Department	
24ScMicU5105	Lab Course on 24ScMicU5101 & 24ScMicU5102	2	30	At Department	
24ScPhyU5105	Lab Course on General Physics V	2	30	At Department	
24ScZooU5105	Lab Course on 24ScZooU5101 & 24ScZooU5102	2	30	At Department	
24ScBotU5106	Lab Course on 24ScBotU5103 and 24ScBotU5104	2	30	At Department	
24ScEleU5106	Lab Course on 24ScEleU5103 & 24ScEleU5104	2	30	At Department	
24ScMicU5106	Lab Course on 24ScMicU5103 & 24ScMicU5104	2	30	At Department	
24ScPhyU5106	Lab Course on General Physics VI	2	30	At Department	

24ScZooU5106	Lab Course on 24ScZooU5103 & 24ScZooU5104	2	30	At Department	
Major elective					
24ScBotU5201	Ecology and Plant Pathology	2	30	29/10/2026	11.00 am to 12.00 noon
24ScBotU5202	Lab Course on 24ScBotU5201	2	30	At Department	
24ScBotU5203	Landscaping and Gardening	2	30	29/10/2026	11.00 am to 12.00 noon
24ScBotU5204	Lab Course on 24ScBotU5203	2	30	At Department	
24ScCheU5201	Advanced Analytical Techniques	2	30	29/10/2026	11.00 am to 12.00 noon
24ScCheU5202	Lab Course on 24ScCheU5201	2	30	At Department	
24ScCheU5203	Instrumental Methods of Analysis	2	30	29/10/2026	11.00 am to 12.00 noon
24ScCheU5204	Lab Course on 24ScCheU5203	2	30	At Department	
24ScEleU5201	Signals and systems	2	30	29/10/2026	11.00 am to 12.00 noon
24ScEleU5202	Lab Course on 24ScEleU5201	2	30	At Department	
24ScEleU5203	Principles of Power Electronics	2	30	29/10/2026	11.00 am to 12.00 noon
24ScEleU5204	Lab Course on 24ScEleU5203	2	30	At Department	
24ScMatU5201	C Programming Language	2	30	29/10/2026	11.00 am to 12.00 noon
24ScMatU5202	Lab Course on 24ScMatU5201	2	30	At Department	
24ScMatU5203	Metric Spaces	2	30	29/10/2026	11.00 am to 12.00 noon

24ScMatU5204	Lab Course on 24ScMatU5203	2	30	At Department	
24ScMicU5201	Applied Microbiology I	2	30	29/10/2026	11.00 am to 12.00 noon
24ScMicU5202	Lab Course on 24ScMicU5201	2	30	At Department	
24ScMicU5203	Biostatistics and Biophysics I	2	30	29/10/2026	11.00 am to 12.00 noon
24ScMicU5204	Lab Course on 24ScMicU5203	2	30	At Department	
24ScPhyU5201	Electronics and Instrumentation	2	30	29/10/2026	11.00 am to 12.00 noon
24ScPhyU5202	Lab Course on Elective Physics I	2	30	At Department	
24ScPhyU5203	Physics of Semiconductor Devices	2	30	29/10/2026	11.00 am to 12.00 noon
24ScPhyU5204	Lab Course on Elective Physics II	2	30	At Department	
24ScStaU5201	Regression Analysis	2	30	29/10/2026	11.00 am to 12.00 noon
24ScStaU5202	Lab Course on 24ScStaU5201	2	30	At Department	
24ScStaU5203	Stochastic Processes	2	30	29/10/2026	11.00 am to 12.00 noon
24ScStaU5204	Lab Course on 24ScStaU5203	2	30	At Department	
24ScZooU5201	Wildlife Conservation and Management	2	30	29/10/2026	11.00 am to 12.00 noon
24ScZooU5202	Lab Course on 24ScZooU5201	2	30	At Department	
24ScZooU5203	Microbiology, Parasitology & Immunology	2	30	29/10/2026	11.00 am to 12.00 noon
24ScZooU5204	Lab Course on 24ScZooU5203	2	30	At Department	

VSC						
24ScBotU5501	Lab Course on Plant Analytical Techniques	2	30	At Department		
24ScCheU5501	Lab Course on Raw material Analytical Methods	2	30	At Department		
24ScEleU5501	Lab Course on Embedded C	2	30	At Department		
24ScMatU5501	Lab Course on Computer Oriented Numerical Methods	2	30	At Department		
24ScMicU5501	Lab Course on Clinical Microbiology & Hematology	2	30	At Department		
24ScPhyU5501	Lab Course on Quantum Computing I	2	30	At Department		
24ScStaU5501	Lab Course on Statistical Analysis using Python Programming	2	30	30/10/2026	11.00 am to 12.00 noon	
24ScZooU5501	Lab Course on Wildlife Biology	2	30	At Department		
FP						
24ScBotU5001	Field Project II	2	30	At Department		
24ScCheU5001	Field Project II	2	30	At Department		
24ScEleU5001	Field Project-II	2	30	At Department		
24ScMatU5001	Field Project II	2	30	At Department		
24ScMicU5001	Field Project II	2	30	At Department		
24ScPhyU5001	Field Project II	2	30	At Department		
24ScStaU5001	Field Project II	2	30	At Department		
24ScZooU5001	Field Project II	2	30	At Department		

MINOR					
24ScBotU53 01	Plant Physiology and Biochemistry	2	30	31/10/2026	11.00 am to 12.00 noon
24ScCheU53 02	Fundamentals of Chromatographic Separations	2	30	31/10/2026	11.00 am to 12.00 noon
24ScEleU53 02	Lab Course on C Programming for Arduino	2	30	At Department	
24ScGeoU5 302	Lab Course on Map Reading	2	30	At Department	
24ScMatU53 02	Lab Course on Ordinary Differential Equations	2	30	At Department	
24ScMicU53 02	Introduction to Fermentation	2	30	31/10/2026	11.00 am to 12.00 noon
24ScPhyU53 02	Lab Course on Minor Physics III	2	30	At Department	
24ScStaU53 01	Applied Statistics	2	30	31/10/2026	11.00 am to 12.00 noon
24ScZooU53 02	Lab Course on Vector, Diseases and Control	2	30	At Department	



Dr. R. M. Jagtap
Controller of Examinations



Dr. Nivedita G. Ekbote
Principal

Instructions to Students:

For ESE:

1. Please ensure that you will reach the examination Hall 25 minutes before examination time.
2. Duly signed Hall ticket and college ID card is compulsory to attend the examinations
3. Use of mobile phones and smart watches is strictly prohibited.
4. If any misconduct by any student will be confirmed by the Examination Squad during examination, then appropriate 'Disciplinary Action' will be admissible against the student as per SPPU rules.

