New Arts, Commerce & Science College, Ahmednagar (Autonomous)

Faculty of Science and Technology

S.Y.B.Sc. NEP 2023 Pattern

Examination of April/May 2025

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery operated electronic pocket size Calculator isallowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

S.Y.B.SC. Semester IV

Time 10.00-01.00

Day and Date	Paper Code	Subject
Tuesday 20/05/2025	BS-BO241T	Plant Anatomy and Embryology
	BS-CH241T	Physical and Analytical Chemistry-IV
	BS-PH241T	Sound, Waves & Oscillations
	BS-ZO241T	Animal Systematics and Diversity II
	BS-MT 241T	Linear Algebra
	BS-ST241T	Continuous Probability Distributions-II
	BS-ES241T	Communication Electronics
	BS-MR 241T	Bacterial Genetics
	BS-EN-241T	Biodiversity and its conservation
	BS-BT 241T	Animal and plant development
	BS-WT 241T	Fermentation Technology
	BS- CS241T	Object Oriented Concept using C++
	BCA-SCI241T	Object Oriented Concept using C++
	BS-DS241T	Object Oriented Programming Python
	BS- CC241T	Cloud Computing Architecture
	BS-AN 241T	Augmented & Virtual Reality
	BVC-JM241T	Media Laws and Ethics
	BVOC-PT241T	Digital Printing and Basics of Color
Wednesday 21/05/2025	BS-BO242T	Plant Biotechnology
	BS-CH242T	Organic and Inorganic Chemistry-IV
	BS- PH242T	Optics
	BS-ZO242T	Parasitology
	BS-MT242T	Mathematical Transform
	BS-ST242T	Statistical Methods
	BS-ES242T	Microcontroller Programming and Applications
	BS-MR 242T	Bacterial Physiology and Enzymology
	BS-EN-242T	Environmental pollution control technologies
	BS-BT 242T	Molecular biology
	BS-WT 242T	Basics of Oenology
	BS- CS242T	Core Python
	BCA-SCI242T	Advanced Database Management Concepts
	BS-DS242T	Introduction to Artificial Inelegance
	BS- CC242T	Advance Java Programming
	BS-AN 242T	Camera Technique
	BVC-JM242T	News Editing
	BVOC-PT242T	Basics Packaging Technology
Thursday 22/05/2025	BS-DS244T	Operation Research
Friday 23/05/2025	AEC-04	Marathi /Hindi

S.Y.B.SC. Semester IV Minor Subject
Time: 10.00 –01.00

Day & Date	Course Name	Paper Code	Subject
Monday 26/05/2025	BS-CH	BS-CH 401 T	Chemical Science-II
	BS- PH	BSPH401T	Atoms, Molecules and Nuclei
	BS- BO	BS-BO401T	Bioanalytical Techniques
	BS- ZO	BS-ZO401	Animal Systematics and Diversity II
	BS- MT	BS-MT 401 T	Numerical Methods
	BS-MS	BS-MS401T	Applied Mathematical Science II
	BS- ST	BS- ST 401T	Bio-Statistics
	BS- MR	BS-MR 401T	Bacterial Genetics
	BS- ES	BS- ES 401T	Computer Organization
	BS-EN	BS-EN 401T	Environment Management System
	BS-CS	BS-CS401T/P	Web Technology -II
	BS-GO	BS-GO 401 T	Human Geography of Maharashtra
	BCA SC	BCA-SC401T(B)	Data Structure Using Python
	BCA SC	BCA-SC401T(A)	Graphic Designing-II
	BS-DS	BS-DS 401T	Image Processing
	BS-CC	BS-CC 401T	Python Programing
	BS- BT	BS- BT 401T	Computational biology
	BS-WT	BS-WT 401T	Wine technology I
	BVC-JM	BVC-JM 401	Photography
	BVOC-PT	BVOC-PT 401T	Fundamentals of Gravure Printing
	BS- AN	BS-AN 401T	Vector Graphics

S.Y.B.SC. Semester IV Open Elective
Time: 10.00 –01.00

Day & Date	Course Name	Paper Code	Subject
Tuesday 27/05/2025	Chemistry	MR-OE04T	Introduction to Common Medicines
	Life Sciences	OE-MR 04	Wildlife conservation
	Physics	OE-04	Consumer Electronics
	Mathematics	OE-04	Operation Research
	Mass Communication	OE-04	Video Editing
	Management BBA IB	MN-OE04T	Human Resource Management 04
	Management	MG OE 04	Digital Marketing with Blogging Platforms
	Commerce	BCOMOE-04	Basics of Income Tax and Filing of ITR
	Computer Science	OE04	E-Commerce
	Earth and Environmental Science	EE-OE 04T	Environmental Geography
	Marathi	MR-OE04	नमे लेली साि्ःहÂयकृती व नवसमाज माÅयमांसाठी लेखन
	Hindi	HN-OE04T	कार्यालयीन और व्यावहारिक हिंदी
	English	EN-OE 04T	Soft Skills Development
	Economics	EC-OE-04	Business Economics (Macro)-II
	Social Sciences	OE-04	Military Sociology
	Mental and Moral Sciences	OE-04	Mind Management-II
	Music	OE-04	Folk Music of Maharashtra - II

S.Y.B.SC. Semester III (Backlog)

Time 02.00-05.00

Day and Date	Paper Code	Subject
Tuesday 20/05/2025	BS-BO231T	Taxonomy of Angiosperms and Plant Ecology
	BS-CH231T	Physical and Analytical Chemistry- III
	BS-PH231T	Mathematical Methods in Physics
	BS-ZO231T	Animal Systematics and Diversity-I
	BS-MT 231T	Calculus of Several Variable
	BS-ST231T	Continuous Probability Distribution - I
	BS-ES231T	Analog Circuit Design
	BS-MR 231T	Immunology
	BS-EN-231T	Environment and Ecology
	BS-BT 231T	Cell biology
	BS-WT 231T	Raw materials for alcoholic beverages
	BS- CS231T	Data Structures and Algorithms
	BCA-SCI231T	Data Structures using C
	BS-DS231T	Python Programming
	BS- CC231T	Cloud Computing Architecture and Deployment Model
	BS-AN 231T	Design Principle
	BVC-JM231T	Media Theories
	BVOC-PT231T	Gravure and Flexography Printing Process
Wednesday 21/05/2025	BS-BO232T	Plant Physiology
	BS-CH232T	Organic and Inorganic Chemistry- III
	BS- PH232T	Basics of Electronics
	BS-ZO232T	Biological Techniques
	BS-MT232T	Numerical Methods
	BS-ST232T	Discrete Probability Distribution and Regression
	BS-ES232T	Digital System Design
	BS-MR 232T	Environmental Microbiology
	BS-EN-232T	Natural Resources conservation and management
	BS-BT 232T	Genetics and Immunology
	BS-WT 232T	Yeast technology
	BS- CS232T	NoSQL
	BCA-SCI232T	Database Management Systems
	BS-DS232T	NO SQL
	BS- CC232T	Python Programming
	BS-AN 232T	Digital Technologies
	BVC-JM232T	News Reporting
	BVOC-PT232T	Web Offset Printing Process
Thursday 22/05/2025	BS-DS234T	Numerical Methods for Data Science
Friday 23/05/2025	AEC-03	Marathi /Hindi

S.Y.B.SC. Semester III Minor Subject (Backlog)

Time 02.00-05.00

Day & Date	Course Name	Paper Code	Subject
Monday 26/05/2025	BS-CH	BS-CH 301 T	Chemical Science- I
	BS- PH	BSPH301T	Basics of Thermodynamics
	BS- BO	BS-BO301T	Plant Biodiversity and Human Welfare
	BS- ZO	BS-ZO301	Animal Systematics and Diversity-II
	BS- MT	BS-MT 301 T	Linear Algebra
	BS-MS	BS-MS301T	Mathematical Science-03
	BS- ST	BS- ST 301T	Correlation and Regression Models
	BS- MR	BS-MR 301T	Environmental Microbiology
	BS- ES	BS- ES 301T	Electronic Circuit Design
	BS-EN	BS-EN 301T	Biodiversity & its Conservation
	BS-CS	BS-CS301T/P	Computer Science-03
	BS-GO	BS-GO 101 T	Basics of Geography
	BCA SC	BCA-SC301T(B)	Object Oriented Programming Using Java
	BCA SC	BCA-SC301T(A)	Graphic Designing- I
	BS-DS	BS-DS 301T	Fundamentals of Databases
	BS-CC	BS-CC 301T	Database Managements Systems
	BS- BT	BS- BT 301T	Industrial biotechnology
	BS-WT	BS-WT 301T	Raw material management for alcoholic beverages
	BVC-JM	BVC-JM 301	Basics of Photography
	BVOC-PT	BVOC-PT 301T	Basic of Offset Lithography Printing
	BS- AN	BS-AN 301T	Raster Graphics
	BS-GO	BS-GO301 T	Physical Geography

S.Y.B.SC. Semester III Open Elective (Backlog)

Time 02.00-05.00

Day & Date	Course Name	Paper Code	Subject
Tuesday 27/05/2025	Chemistry	MR-OE03T	Fuel Chemistry
	Life Sciences	OE-MR 03	Microbiology for Human Welfare
	Physics	OE-03	Space Explorations
	Mathematics	OE-03	Business Mathematics -II
	Mass Communication	OE-03	Videography
	Management BBA IB	MN-OE03T	Personality Development
	Management	MG OE 03	Personality Development
	Commerce	BCOMOE-03	Basics of Banking Operations
	Computer Science	OE03	Office Automation
	Earth and Environmental Science	EE-OE 03T	Disaster Management
	Marathi	MR-OE03	निवडक कविता व दृक-श्राव्य माध्यमांसाठी लेखन
	Hindi	HN-OE03T	कार्यालयीन और व्यावहारिक हिंदी
	English	EN-OE 03T	Soft Skill Development
	Economics	EC-OE-03	Business Economics (Macro)-I
	Social Sciences	OE-03	Good Life: Indian and Western Philosophical Approaches
	Mental and Moral Sciences	OE-03	Understanding Current Affairs
	Geography	OE-03	Geography of Disaster Management
	Music	OE-03	SUGAM SANGEET

F.Y.B.SC. Semester I (Backlog)

Time: 10.00 –01.00

Day & Date	Paper Code	Subject
Wednesday 28/05/2025	BS-BO111T	Cryptogams
	BS-CH111T	Physical and Analytical Chemistry - I
	BS-PH111T	Mechanics and Properties of Matter
	BS-ZO111T	Basic Zoology
	BS-MT111T	Set and Matrix Theory
	BS-ST111T	Descriptive Statistics -I
	BS-ES111T	Principles of Analog Electronics
	BS-MR111T	Introduction to Microbiology
	BS-EN111T	Introduction to Environmental Biology
	BS-BT111T	Microbiological Techniques
	BS-WT111T	Fundamentals Of Biochemistry
	BS-CS111T	Problem Solving using Computer and 'C' Programming
	BCA-SCI111T	Basic C Programming
	BSC-DS 111 T	Programming in C
	BS-CC111T	Mathematical Foundation for Cloud Computing.
	BS-AN111T	Basics of Animation-I
	BVC-JM111T	Intro. to Comm. Studies
	BVOC-PT111T	Fundamentals of Printing Technology
Thursday 29/05/2025	BS-BO112T	Phanerogams
	BS-CH112T	Organic and Inorganic Chemistry - I
	BS-PH112T	Physics Principles and Applications
	BS-ZO112T	Cell Biology
	BS-MT112T	Calculus-I
	BS-ST112T	Basics of Probability
	BS-ES112T	Principles of Digital Electronics
	BS-MR112T	Basic Techniques in Microbiology
	BS-EN112T	Fundamental of Environmental Chemistry
	BS-BT112T	Biomolecules
	BS-WT112T	Introduction To Microbial World
	BS- CS112T	Database Management Systems
	BCA-SCI112T	Fundamentals of Computer
	BSC-DS 112 T	Database Management System
	BS- CC112T	Database Management System –I.
	BS-AN112T	Production Process
	BVC-JM112T	History of Media
	BVOC-PT112T	Screen Printing Technology
Friday 30/05/2025	BS-BO115T	Plants in Indian Traditional Medicinal System
	BS-CH115T	History of Indian Chemistry
	BS-PH115T	Astronomy in India- Historical Overview
	BS-ZO115T	Animal Husbandary techniques in Ancient India
	BS-MT115T	Ancient Mathematicians
	BS-ST115T	Statistical Heritage and Systems in India
	BS-ES115T	Evolution of Electronics in India
	BS-MR115T	Vedic Microbiology
	BS-EN 115P	Indian Traditional Knowledge and Environment
	BS-BT115T	Biotechnology–Indian Perspective
	BS-WT115T	Indian Beverage System

	BS- CS 115T	Science and Technology in Ancient India
	BCA-SCI115T	Science and Technology in Ancient India
	BSC-DS 115 T	Science and Technology in Ancient India
	BS- CC115T	Science and Technology in Ancient India
	BS-AN115T	Indian Art and Paintings
	BVC-JM115T	Indian Fine Arts
	BVOC-PT115T	Science and Technology in Ancient India
Saturday 31/05/2025	BS- CS114T	Analog Electronics
	BCA-SCI114T	Mathematical Foundation for Computer Science
	BSC-DS 114 T	Mathematical Foundation for Data Science
Monday 02/06/2025	VEC-01	Democracy, Governance and Election
Tuesday 03/06/2025	AEC-01	English Communication
Wednesday 04/06/2025	CC-01	Environmental Studies

F.Y.B.SC. Semester I Minor Subject (Backlog)
Time: 10.00 –01.00

Day & Date	Course Name	Paper Code	Subject
Thursday 05/06/2025	BS-CH	BS-CH 101T	Basics of Chemistry – I
	BS- PH	BS- PH 101T	Fundamentals of Physics
	BS- BO	BS- BO 101T	Plant Diversity
	BS- ZO	BS- ZO 101T	Applied Zoology I
	BS- MT	BS- MT 101T	Algebra and Calculus
	BS-MS	BS-MS 101T	Mathematical Science
	BS- ST	BS- ST 101T	Introduction to Basic Statistics
	BS- MR	BS-MR 101T	Basic Microbiology
	BS- ES	BS- ES 101T	Basics of Analog Electronics
	BS-EN	BS-EN 101T	Ecology and Environment
	BS-CS	BS-CS 101T	Web Designing -I
	BS-GO	BS-GO 101 T	Basics of Geography
	BCA	BCA 101T	Fundamentals of ICT
	BCA SC	BCA SC 101	Problem Solving Techniques Using C
	BS-DS	BS-DS 101T	Fundamentals of Data Science
	BS- BT	BS- BT 101T	Biotechnology for Human Welfare
	BS-WT	BS-WT 101T	Introduction to Wine, Beer and Alcohol
	BVC-JM	BVC-JM 101T	Visual Communication
	BVC-PT	BVC-PT 101T	Basics of Printing Technology
	BS-CC	BS-CC 101T	Problem Solving Techniques Using C
	BS- AN	BS- AN 101T	Programming Language

F.Y.B.SC. Semester I Open Elective (Backlog)

Time: 10.00 –01.00

Day & Date	Course Name	Paper Code	Subject
Friday 06/06/2025	Marathi	MR-OE 01T	*Nivdak Lekh V Mudrit Madhyamasathi Lekhan*
	Hindi	HN-OE 01T	*Hindi Bhasha Aur Sanrachana -I*
	English	EN-OE 01T	English for Employability Skills: I
	Economics	EC-OE-01T	Business Economics (Micro)-I
	Social Sciences	SO-OE 01T	Glimpses of Modern India
	Mental and Moral Sciences	MM-OE 01T	Philosophy of Mind
	Music	MU-OE-01T	Sugam Sangeet - I
	Commerce	BCOM-OE-01T	Basics of Commerce
	Management	MG-OE-01T	Google Tools in Business Administration
	Management	MN-OE 01 T	Principles of Management

F.Y.B.SC. Semester II Backlog

Time: 02.00 –05.00

Day & Date	Paper Code	Subject
Wednesday 28/05/2025	BS-BO121T	Plant Morphology
	BS-CH121T	Physical and Analytical Chemistry - II
	BS-PH121T	Heat & Thermodynamics
	BS-ZO121T	Mammalian Physiology
	BS-MT121T	Analytical Geometry
	BS-ST121T	Descriptive Statistics –II
	BS-ES121T	Analog Device Applications
	BS-MR121T	Cell Biology of Microorganisms
	BS-EN121T	Basics in Geoscience
	BS-BT121T	Basics in Plant and Animal Sciences
	BS-WT121T	Plant Biology
	BS- CS121T	Advanced 'C' Programming
	BCA-SCI121T	Advance C Programming
	BS- DS121T	Data Structure using C
	BS- CC121T	Introduction to Cloud Computing.
	BS-AN121T	Basics of Animation-II
	BVC-JM121T	Comm. Studies - II
	BVOC-PT121T	Sheet-fed Offset
Thursday 29/05/2025	BS-BO122T	Principles of Plant Sciences
	BS-CH122T	Organic and Inorganic Chemistry - II
	BS-PH122T	Electricity and Magnetism
	BS-ZO122T	Genetics
	BS-MT122T	BS-MT122T
	BS-ST122T	Discrete Probability Distributions and Index Number
	BS-ES122T	Digital Circuits and Computer Organizations
	BS-MR122T	Bacteriology and Virology
	BS-EN122T	Environmental Pollution
	BS-BT122T	Bioinstrumentation
	BS-WT122T	Introduction To Alcoholic Beverages And Sensory Evaluation
	BS- CS122T	Relational Database Management Systems
	BCA-SCI122T	Computer Networks
	BS- DS122T	Fundamental of Data Science
	BS- CC122T	Database Management Systems-II
	BS-AN122T	Stop Motion Animation
	BVC-JM122T	Intro. to Journalism
	BVOC-PT122T	Printing Process
Friday 30/05/2025	BS- CS124T	Digital Electronics
	BS- DS123T	Mathematical Foundation for Data Science II
Monday 02/06/2025	VEC-02	Digital and Technical Solutions
	VEC-02	Gender Studies
	VEC-02	Gender Studies
	VEC-02	Critical Thinking
	VEC-02	Scientific Temper
	VEC-02	Health and Wellness
	VEC-02	Understanding India
	VEC-02	Ethics and Value
Tuesday 03/06/2025	AEC-01	English Communication II

F.Y.B.SC. Semester II Minor Subject (Backlog)
Time: 02.00 –05.00

Day & Date	Course Name	Paper Code	Subject
Thursday 05/06/2025	BS-CH	BS-CH 201T	Basics of Chemistry - Ii
	BS- PH	BS- PH 201T	Basic Mathematics in Science
	BS- BO	BS- BO 201T	Natural Resource Management
	BS- ZO	BS- ZO 201T	Applied Zoology II
	BS- MT	BS- MT 201T	Discrete Mathematics
	BS-MS	BS-MS 201T	Mathematical Science
	BS- ST	BS- ST 201T	Statistics Using R
	BS- MR	BS-MR 201T	Techniques in Microbiology
	BS- ES	BS- ES 201T	Basics of Digital Electronics
	BS-EN	BS-EN 201T	Pollution Control Management
	BS-CS	BS-CS 201T	Web Designing -II
	BS-GO	BS-GO 201 T	Fundamentals of Earth
	BCA	BCA 201T	Web Designing
	BCA SC	BCA SC 101	Advance C Programming
	BS-DS	BS-DS 201T	Data Visualization
	BS- BT	BS- BT 201T	Biophysical and biochemical techniques
	BS-WT	BS-WT 201T	Health benefits of alcoholic beverages
	BVC-JM	BVC-JM 201T	Basics of Camera
	BVC-PT	BVC-PT 201T	Fundamentals of Screen Printing
	BS-CC	BS-CC 201T	Advance C Programming
	BS- AN	BS- AN 201T	Advanced Anatomy

F.Y.B.SC. Semester II Open Elective (Backlog)
Time: 02.00 –05.00

Day & Date	Course Name	Paper Code	Subject
Friday 06/06/2025	Marathi	MR-OE 02T	िनवडक कथा व ®ाांय मा०ॅयमासां ०ठी लखेन
	Hindi	HN-OE 02T	*Hindi Bhasha Aur Sanrachana -II*
	English	EN-OE 02T	English for Employability Skills: II
	Economics	EC-OE-02T	Business Economics (Micro)-II
	Social Sciences	SO-OE 02T	Understanding Indian Society
	Mental and Moral Sciences	MM-OE 02T	Mind Management I
	Music	MU-OE-02T	Folk Music of Maharashtra - I
	Commerce	BCOM-OE-02T	Book-Keeping and Accountancy
	Management	MG-OE-02T	Principles of Management
	Management	BBA-IB-OE02T	Marketing Management