

# **SAVITRIBAI PHULE PUNE UNIVERSITY**

**(Formerly University of Pune)**



**EXAMINATION CIRCULAR NO.292 OF. 2022  
THIRD YEAR B.SC.(REGULAR)(2019 PATTERN)(INCLUDING VOC)**

**Examination of Oct/Nov/Dec 2022**

**(Under Faculty of SCIENCE AND TECHNOLOGY : A)SCIENCE)**

## **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 is allowed. 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.

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**Botany**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36141	BO-361 PLANT PHYSIOLOGY
Wednesday 11-01-2023	36142	BO-362 BIOCHEMISTRY
Thursday 12-01-2023	36143	BO-363 PLANT PATHOLOGY
Friday 13-01-2023	36144	BO-364 EVOLUTION & POPULATION GENETICS
Saturday 14-01-2023	36145	BO-365 ADVANCED PLANT BIOTECHNOLOGY
Monday 16-01-2023	36146	BO-366 PLANT BREEDING & SEED TECHNOLOGY
Tuesday 17-01-2023	361410	BO-3610 NURSERY & GARDENING MANAGEMENT
Wednesday 18-01-2023	361411	BO-3611 BIOFERTILIZERS

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35141	BO-351 ALGAE & FUNGI
Friday 20-01-2023	35142	BO-352 ARCHEGONIATE
Tuesday 24-01-2023	35143	BO-353 SPERMATOPHYTA & PALEOBOTANY
Wednesday 25-01-2023	35144	BO-354 PLANT ECOLOGY
Friday 27-01-2023	35145	BO-355 CELL & MOLECULAR BIOLOGY
Saturday 28-01-2023	35146	BO-356 GENETICS
Monday 30-01-2023	351410	BO-3510 MEDICINAL BOTONY
Tuesday 31-01-2023	351411	BO-3511 PLANT DIVERSITY & HUMAN HEALTH

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**Chemistry**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36131	CH-601 PHYSICAL CHEMISTRY -II
Wednesday 11-01-2023	36132	CH-602 PHYSICAL CHEMISTRY -III
Thursday 12-01-2023	36134	CH-604 INORGANIC CHEMISTRY -II
Friday 13-01-2023	36135	CH-605 INORGANIC CHEMISTRY -III
Saturday 14-01-2023	36137	CH-607 ORGANIC CHEMISTRY -II
Monday 16-01-2023	36138	CH-608 ORGANIC CHEMISTRY -III
Tuesday 17-01-2023	361310A	CH-610A CHEMISTRY OF SOIL AND AGROCHEMICALS
	361310B	CH-610B INTRODUCTION OF FORENSIC CHEMISTRY
Wednesday 18-01-2023	361311A	CH-611A ANALYTICAL CHEMISTRY -II
	361311B	CH-611B CHEMISTRY OF COSMETICS & PERFUMES

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35131	CH-501 PHYSICAL CHEMISTRY -I
Friday 20-01-2023	35132	CH-502 ANALYTICAL CHEMISTRY -I
Tuesday 24-01-2023	35134	CH-504 INORGANIC CHEMISTRY -I
Wednesday 25-01-2023	35135	CH-505 INDUSTRIAL CHEMISTRY -I
Friday 27-01-2023	35137	CH-507 ORGANIC CHEMISTRY -I
Saturday 28-01-2023	35138	CH-508 CHEMISTRY OF BIOMOLECULES
Monday 30-01-2023	351310A	CH-510A INTRODUCTION OF MEDICINAL CHEMISTRY
	351310B	CH-510B POLYMER CHEMISTRY
Tuesday 31-01-2023	351311A	CH-511A ENVIRONMENTAL CHEMISTRY

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Tuesday 31-01-2023	351311B	CH-511B CHEMO INFORMATICS
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**Defence Studies**

SEMESTER - VI

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 10-01-2023	36231	DS601 : ARMED FORCES AND DISASTER MANAGEMENT
Wednesday 11-01-2023	36232	DS602 : UNITED NATION ORGANIZATION PART -II
Thursday 12-01-2023	36233	DS603 : INTERNATIONAL RELATION PART -II
Friday 13-01-2023	36234	DS604 : COUNTER TERRORISM
Saturday 14-01-2023	36236B	DS606B: REGIONAL SECURITY SYSTEM -II
	36236A	DS606A: MAJOR GLOBAL CONFLICT -II
Monday 16-01-2023	36237A	DS607A: INDIA'S MARITIME SECURITY -II
	36237B	DS607B: PEACE & CONFLICT STUDIES -II
Tuesday 17-01-2023	36238A	DS608A: INDIAN MILITARY HISTORY (1947-2020)
	36238B	DS608B: BRITISH INDIAN MILITARY HISTORY
Wednesday 18-01-2023	36239A	DS609A: COLD WAR AND POST COLD WAR (1945-1991)
	36239B	DS609B: INDIA'S DEFENCE POLICY
Thursday 19-01-2023	362310	DS610 : INTRODUCTION TO CYBER SECURITY /INFORMATION SECURITY
Friday 20-01-2023	362311	DS611 : HUMAN RIGHTS AND INDIA

SEMESTER - V

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 24-01-2023	35231	DS501 : STUDY OF DISASTER
Wednesday 25-01-2023	35232	DS502 : UNITED NATIONS ORGANIZATION PART -I
Friday 27-01-2023	35233	DS503 : INTERNATIONAL RELATIONS PART -I
Saturday 28-01-2023	35234	DS504 : TERRORISM
Monday 30-01-2023	35235	DS505 : RESEARCH METHODOLOGY

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Tuesday 31-01-2023	35236A	DS506A: MAJOR GLOBAL CONFLICT -I
	35236B	DS506B REGIONAL SECURITY SYSTEM -I
Wednesday 01-02-2023	35237B	DS507B PEACE & CONFLICT STUDIES -I
	35237A	DS507A: INDIA'S MARITIME SECURITY -I
Thursday 02-02-2023	35238A	DS508A: CHHATRAPATI SHIVAJI MAHARAJ MILITARY SYSTEM
	35238B	DS508B CHHATRAPATI SHIVAJI MAHARAJ AS STRATEGIC THINKER
Friday 03-02-2023	35239B	DS509B INDIA'S FOREIGN POLICY
	35239A	DS509A: WORLD MILITARY HISTORY (1900-1945)
Saturday 04-02-2023	352310	DS510 : INTRODUCTION TO HUMAN RIGHTS AND DUTIES
Monday 06-02-2023	352311	DS511 : HUMAN RIGHTS AND UN

## ELECTRONIC SCINCE

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36221	EL-361 MODERN COMMUNICATION SYSTEMS
Wednesday 11-01-2023	36222	EL-362 EMBEDDED SYSTEM DESIGN USING MICROCONTROLLERS
Thursday 12-01-2023	36223	EL-363 INDUSTRIAL ELECTRONICS
Friday 13-01-2023	36224	EL-364 MANUFACTURING PROCESSES FOR ELECTRONICS
Saturday 14-01-2023	36225	EL-365 PROCESS CONTROL SYSTEMS
Monday 16-01-2023	36226A	EL-366A PLC SCADA
	36226B	EL-366B SENSORS AND SYSTEMS
Tuesday 17-01-2023	362210	ELSEC-361 DESIGN AND FABRICATION OF PCB
Wednesday 18-01-2023	362211	ELSEC-362 MOBILE APPLICATION DEVELOPMENT

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35221	EL-351 DIGITAL DESIGN USING VERILOG
Friday 20-01-2023	35222	EL-352 MICROCONTROLLER ARCHITECTURE & PROGRAMMING
Tuesday 24-01-2023	35223	EL-353 ANALOG CIRCUIT DESIGN & APPLICATIONS
Wednesday 25-01-2023	35224	EL-354 NANOELECTRONICS
Friday 27-01-2023	35225	EL-355 SIGNALS & SYSTEMS
Saturday 28-01-2023	35226A	EL-356A OPTICS & FIBER OPTIC COMMUNICATION
	35226B	EL-356B ELECTRONIC PRODUCT DESIGN & ENTREPRENEURSHIP
Monday 30-01-2023	352210	ELSEC-351 ELECTRONIC DESIGN AUTOMATION TOOLS
Tuesday 31-01-2023	352211	ELSEC-352 INTERNET OF THINGS & APPLICATIONS

## Environmental Science

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36241	EVS-361 AQUATIC ECOSYSTEM AND MANAGEMENT
Wednesday 11-01-2023	36242	EVS-362 NATURE CONSERVATION
Thursday 12-01-2023	36243	EVS-363 AIR & NOISE QUALITY
Friday 13-01-2023	36244	EVS-364 ISSUES IN ENVIRONMENTAL SCIENCE
Saturday 14-01-2023	36245	EVS-365 ENVIRONMENTAL GOVERNANCE : EMS,EIA & ISO 14000
Monday 16-01-2023	36246	EVS-366 ENVIRONMENTAL BIOTECHNOLOGY -II
Tuesday 17-01-2023	362410	EVS-3613 SOLID WASTE MANAGEMENT
Wednesday 18-01-2023	362411	EVS-3614 URBAN ECOSYSTEM

SEMESTER - V

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Day & Date	Paper Code	Subject
Thursday 19-01-2023	35241	EVS-351 TERRESTRIAL ECOSYSTEM & MANAGEMENT
Friday 20-01-2023	35242	EVS-352 WILDLIFE BIOLOGY & MANAGEMENT
Tuesday 24-01-2023	35243	EVS-353 WATER & SOIL QUALITY
Wednesday 25-01-2023	35244	EVS-354 ATMOSPHERIC & GLOBAL CLIMATE CHANGE
Friday 27-01-2023	35245	EVS-355 ENVIRONMENTAL LEGISLATION & POLICY
Saturday 28-01-2023	35246	EVS-356 ENVIRONMENTAL BIOTECHNOLOGY -I
Monday 30-01-2023	352410	EVS-3511 REMOTE SENSING ,GIS & MODELING
Tuesday 31-01-2023	352411	EVS-3512 SOIL HEALTH MANAGEMENT



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**Geography**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36181	GG 361 REGIONAL GEOGRAPHY OF INDIA -II
Wednesday 11-01-2023	36182	GG 362 GEOGRAPHY OF ECONOMIC ACTIVITIES -II
Thursday 12-01-2023	36183	GG 363 TOURISM ACTIVITIES & MANAGEMENT
Friday 13-01-2023	36184	GG 364 GEOGRAPHY OF SOIL -II
Saturday 14-01-2023	36185	GG 365 MANAGEMENT OF MANMADE DISASTERS
Monday 16-01-2023	36186	GG 366 GEOINFORMATICS -II
Tuesday 17-01-2023	361810	GG 3610 RESEARCH METHODOLOGY -II
Wednesday 18-01-2023	361811	GG 3611 TOTAL STATION SURVEYING

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35181	GG 351 REGIONAL GEOGRAPHY OF INDIA -I
Friday 20-01-2023	35182	GG 352 GEOGRAPHY OF ECONOMIC ACTIVITIES -I
Tuesday 24-01-2023	35183	GG 353 FUNDAMENTALS OF TOURISM
Wednesday 25-01-2023	35184	GG 354 GEOGRAPHY OF SOIL -I
Friday 27-01-2023	35185	GG 355 MANAGEMENT OF NATURAL DISASTERS
Saturday 28-01-2023	35186	GG 356 GEOINFORMATICS -I
Monday 30-01-2023	351810	GG 3510 RESEARCH METHODOLOGY -I
Tuesday 31-01-2023	351811	GG 3511 ELEMENTARY SURVEYING

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**Geology**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36161	GL 321 GEOLOGY OF INDIA -II
Wednesday 11-01-2023	36162	GL 322 MINING & MINERAL EXPLORATION
Thursday 12-01-2023	36163	GL 323 OCEANOGRAPHY
Friday 13-01-2023	36164	GL 324 PETROLEUM GEOLOGY
Saturday 14-01-2023	36165	GL 325 CLIMATE CHANGE: PAST,PRESSENT AND FUTURE
Monday 16-01-2023	36166	GL 326 GEOLOGICAL FIELD METHODS AND MAPPING
Tuesday 17-01-2023	361610	SEC III APPLICATIONS OF REMOTE SENSING IN GEOSCIENCES
Wednesday 18-01-2023	361611	SEC IV OIL FIELD SERVICES
Thursday 19-01-2023	361612	SEC V WATERSHED DEVELOPMENT

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Friday 20-01-2023	35161	GL 311 GEOLOGY OF INDIA -I
Tuesday 24-01-2023	35162	GL 312 MINERAL RESOURCES
Wednesday 25-01-2023	35163	GL 313 MARINE GEOLOGY
Friday 27-01-2023	35164	GL 314 ENGINEERING GEOLOGY
Saturday 28-01-2023	35165	GL 315 HYDROGEOLOGY
Monday 30-01-2023	35166	GL 316 APPLIED GEOPHYSICS
Tuesday 31-01-2023	351610	SEC I GEOTECHNOLOGY
Wednesday 01-02-2023	351611	SEC II GEMMOLOGY & GEM TESTING

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**Mathematics**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36111	MT-361 COMPLEX ANALYSIS
Wednesday 11-01-2023	36112	MT-362 REAL ANALYSIS -II
Thursday 12-01-2023	36113	MT-363 RING THEORY
Friday 13-01-2023	36114	MT-364 PARTIAL DIFFERENTIAL EQUATIONS
Saturday 14-01-2023	36115C	MT-365C FINANCIAL MATHEMATICS
	36115A	MT-365A OPTIMIZATION TECHNIQUES
	36115B	MT-365B CALCULUS OF VARIATION & CLASSICAL MECHANICS
Monday 16-01-2023	36116C	MT-366C LEBESGUE INTEGRATION
	36116B	MT-366B COMPUTATIONAL GEOMETRY

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 17-01-2023	35111	MT-351 METRIC SPACES
Wednesday 18-01-2023	35112	MT-352 REAL ANALYSIS -I
Thursday 19-01-2023	35113	MT-353 GROUP THEORY
Friday 20-01-2023	35114	MT-354 ORDINARY DIFFERENTIAL EQUATIONS
Tuesday 24-01-2023	35115C	MT-355C C-PROGRAMMING
	35115A	MT-355A OPERATIONS RESEARCH
	35115B	MT-355B DIFFERENTIAL GEOMETRY
Wednesday 25-01-2023	35116B	MT-356B NUMBER THEORY
	35116C	MT-356C LAPLACE TRANSFORM & FOURIER SERIES

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**Microbiology**

SEMESTER - VI

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Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36191	MB 361 MEDICAL MICROBIOLOGY -II
Wednesday 11-01-2023	36192	MB 362 IMMUNOLOGY -II
Thursday 12-01-2023	36193	MB 363 METABOLISM
Friday 13-01-2023	36194	MB 364 MOLECULAR BIOLOGY
Saturday 14-01-2023	36195	MB 365 FERMENTATION TECHNOLOGY -II
Monday 16-01-2023	36196	MB 366 FOOD MICROBIOLOGY
Tuesday 17-01-2023	361910	MB 3610 WASTE MANAGEMENT
Wednesday 18-01-2023	361911	MB 3611 NANO BIOTECHNOLOGY

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35191	MB 351 MEDICAL MICROBIOLOGY -I
Friday 20-01-2023	35192	MB 352 IMMUNOLOGY -I
Tuesday 24-01-2023	35193	MB 353 ENZYMOLOGY
Wednesday 25-01-2023	35194	MB 354 GENETICS
Friday 27-01-2023	35195	MB 355 FERMENTATION TECHNOLOGY -I
Saturday 28-01-2023	35196	MB 356 AGRICULTURAL MICROBIOLOGY
Monday 30-01-2023	351910	MB 3510 MARINE MICROBIOLOGY
Tuesday 31-01-2023	351911	MB 3511 DAIRY MICROBIOLOGY

## NANOSCIENCE

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36261	NS-361 POLYMER HETERO-STRUCTURE & THEIR APPLICATIONS
Wednesday 11-01-2023	36262	NS-362 FUNCTIONAL NANOMATERIALS
Thursday 12-01-2023	36263	NS-363 APPLICATIONS OF NANOBIO TECHNOLOGY
Friday 13-01-2023	36264	NS-364 NANOELECTRONICS
Saturday 14-01-2023	36265	NS-365 ENERGY STORAGE DEVICES & APPLICATIONS
Monday 16-01-2023	36266	NS-366 ELECTIVE II (PHOTO CATALYSIS FOR ENVIRONMENTAL POLLUTION CONTROL)
Tuesday 17-01-2023	362610	NS-3610 DATA ANALYSIS & COMPUTER APPLICATION
Wednesday 18-01-2023	362611	NS-3611 RENEWABLE ENERGY AND ENERGY HARVESTING

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Thursday 19-01-2023	35261	NS-351 POLYMER & COMPOSITES
Friday 20-01-2023	35262	NS-352 NANOPHYSICS
Tuesday 24-01-2023	35263	NS-353 NANOBIO TECHNOLOGY
Wednesday 25-01-2023	35264	NS-354 CARBON BASED NANOMATERIALS
Friday 27-01-2023	35265	NS-355 ENERGY CONVERSION DEVICES & APPLICATIONS
Saturday 28-01-2023	35266	NS-356 ELECTIVE I (ENVIRONMENTAL NANOTECHNOLOGY & APPLICATIONS)
Monday 30-01-2023	352610	NS-3510 BASIC INSTRUMENTATION SKILL
Tuesday 31-01-2023	352611	NS-3511 C PROGRAMMING

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**Physics**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36121	PHY-361 SOLID STATE PHYSICS
Wednesday 11-01-2023	36122	PHY-362 QUANTUM MECHANICS
Thursday 12-01-2023	36123	PHY-363 THERMODYNAMICS AND STATISTICAL PHYSICS
Friday 13-01-2023	36124	PHY-364 NUCLEAR PHYSICS
Saturday 14-01-2023	36125A	PHY-365A ELECTRONICS-II
	36125B	PHY-365B ADVANCED ELECTRONICS
Monday 16-01-2023	36126Q	PHY-366Q PHYSICS OF NANOMATERIALS
	36126U	PHY-366U RENEWABLE ENERGY SOURCES-II
	36126V	PHY-366V ACOUSTICS II
	36126P	PHY-366P MEDICAL ELECTRONICS
	36126R	PHY-366R MICROCONTROLLERS
	36126S	PHY-366S LASERS
	36126T	PHY-366T ASTRONOMY & ASTROPHYSICS-II
Tuesday 17-01-2023	361210Y	PHY-3610Y APPLICATIONS OF INTERNET OF THINGS (IOT)
	361210Z	PHY-3610Z CALIBRATION TECHNIQUES
	361210W	PHY-3610W SCIENTIFIC DATA ANALYSIS USING PYTHON
	361210X	PHY-3610X SOLAR PV SYSTEM: INSTALLATION,REPAIRING & MAINTENANCE
Wednesday 18-01-2023	361211AB	PHY-3611(AB) INSTRUMENTATION FOR AGRICULTURE
	361211AD	PHY-3611(AD) PHOTOGRAPHY
	361211AA	PHY-3611(AA) MICROCONTROLLERS
	361211AC	PHY-3611(AC) RADIATION PHYSICS

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SEMESTER - V

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<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Thursday 19-01-2023	35121	PHY-351 MATHEMATICAL METHODS IN PHYSICS -II
Friday 20-01-2023	35122	PHY-352 ELECTRODYNAMICS
Tuesday 24-01-2023	35123	PHY-353 CLASSICAL MECHANICS
Wednesday 25-01-2023	35124	PHY-354 ATOMIC & MOLECULAR PHYSICS
Friday 27-01-2023	35125	PHY-355 COMPUTATIONAL PHYSICS
Saturday 28-01-2023	35126A	PHY-356A ASTRONOMY & ASTROPHYSICS -I
	35126B	PHY-356B ELEMENTS OF MATERIALS SCIENCE
	35126C	PHY-356C BIOPHYSICS
	35126D	PHY-356D RENEWABLE ENERGY SOURCES -I
	35126F	PHY-356F C# PROGRAMMING
	35126G	PHY-356G ACOUSTICS - I
	35126E	PHY-356 E APPLIED OPTICS
Monday 30-01-2023	351210K	PHY-3510K SENSORS & TRANSDUCER
	351210H	PHY-3510H PYTHON PROGRAMMING
	351210I	PHY-3510I ENERGY STUDIES
	351210J	PHY-3510J INTRODUCTION TO ARDUINO
Tuesday 31-01-2023	351211L	PHY-3511L PHYSICS WORKSHOP SKILL
	351211M	PHY-3511M BIOMEDICAL INSTRUMENTATION
	351211N	PHY-3511N NON-DESTRUCTIVE TESTING TECHNIQUES
	351211O	PHY-3511O ACOUSTICS APPLICATIONS

**PSYCHOLOGY**

SEMESTER - VI

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Tuesday 10-01-2023	36201	PAPER- I : PERSONALITY THEORIES
Wednesday 11-01-2023	36202	PAPER - II : PSYCHOPATHOLOGY -II
Thursday 12-01-2023	36203	PAPER - III: EDUCATIONAL PSYCHOLOGY
Friday 13-01-2023	36204	PAPER - IV : HUMAN RESOURCE MANAGEMENT
Saturday 14-01-2023	36205	PAPER - V : REHABILITATION PSYCHOLOGY
Monday 16-01-2023	36206	PAPER - VI : PSYCHOTHERAPIES
Tuesday 17-01-2023	362010	SEC - I : BASIC THERAPEUTIC SKILLS
Wednesday 18-01-2023	362011	SEC – II : SOFT SKILLS

SEMESTER - V

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Thursday 19-01-2023	35201	PAPER - I : COGNITIVE PSYCHOLOGY
Friday 20-01-2023	35202	PAPER - II : PSYCHOPATHOLOGY -I
Tuesday 24-01-2023	35203	PAPER - III : STATISTICAL METHODS
Wednesday 25-01-2023	35204	PAPER – IV : ORGANIZATIONAL BEHAVIOR
Friday 27-01-2023	35205	PAPER - V : POSITIVE PSYCHOLOGY
Saturday 28-01-2023	35206	PAPER - VI : COUNSELING PSYCHOLOGY
Monday 30-01-2023	352010	SEC - I : BASIC COUNSELING SKILLS
Tuesday 31-01-2023	352011	SEC – II : PERSONALITY DEVELOPMENT



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**Statistics**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36171	ST 361 DISTRIBUTION THEORY -II
Wednesday 11-01-2023	36172	ST 362 TESTING OF HYPOTHESIS
Thursday 12-01-2023	36173	ST 363 SAMPLING THEORY
Friday 13-01-2023	36174	ST 364 INTRODUCTION TO SURVIVAL ANALYSIS
Saturday 14-01-2023	36176	ST 365B OPERATIONS RESEARCH -II
	36175	ST 365A ACTUARIAL STATISTICS
Monday 16-01-2023	36177	ST 366A STOCHASTIC PROCESSES
	36178	ST 366B RELIABILITY THEORY & APPLICATIONS
	36179	ST 366C MEDICAL STATISTICS & CLINICAL TRIALS

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 17-01-2023	35171	ST 351 DISTRIBUTION THEORY -I
Wednesday 18-01-2023	35172	ST 352 THEORY OF ESTIMATION
Thursday 19-01-2023	35173	ST 353 DESIGN & ANALYSIS OF EXPERIMENTS
Friday 20-01-2023	35174	ST 354 STATISTICAL PROCESS & PRODUCT CONTROL
Tuesday 24-01-2023	35175	ST 355 OPERATIONS RESEARCH -I
Wednesday 25-01-2023	35176	ST 356 REGRESSION ANALYSIS

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**Vocational P-V**

SEMESTER - VI

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Friday 20-01-2023	368210	IMB 3610 INTRODUCTION TO BIOINFORMATICS
Tuesday 24-01-2023	36825	IMB 365 BIOENTREPRENURSHIP & IPR
	36811	VOC-EEM – 365 ENTREPRENEURSHIP DEVELOPMENT
	36891	ST 3.4 SEED FARM MANAGEMANT,PROCESSING & STORAGE
	36571	VBT-321 BIOTECHNOLOGY IN AGRICULTURE & ENVIRONMENT

SEMESTER - V

**Time:-10.00 AM To 12.00 PM**

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Thursday 02-02-2023	358210	IMB 3510 PLANT TISSUE CULTURE
Friday 03-02-2023	35571	VBt-311 ANIMAL & PLANT TISSUE CULTURE
	35811	VOC-EEM – 355 TROUBLE SHOOTING AND REPAIR OF AUDIO & VIDEO EQUIPMENT
	35891	ST 3.1 SEED PATHOLOGY & ENTOMOLOGY
	35825	IMB 355 APPLICATIONS OF MICROBIAL SYSTEMS

**THIRD YEAR B.SC.(REGULAR)(2019 PATTERN)  
(INCLUDING VOC)  
/292/S- 2022**

**Vocational P-VI**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Wednesday 25-01-2023	36572	VBT-322 SEC I-BIO-ENTREPRENEURSHIP SEC II-BIOTECHNOLOGY FOR HEALTH
	36826	IMB 366 RECOMBINANT DNA TECHNOLOGY
	36892	ST 3.5 BIOTECHNOLOGY AND INTELLECTUAL PROPERTY RIGHTS
	36812	VOC-EEM - 366 MEDICAL INSTRUMENTATION

SEMESTER - V

Time:-10.00 AM To 12.00 PM

<b>Day &amp; Date</b>	<b>Paper Code</b>	<b>Subject</b>
Saturday 04-02-2023	35826	IMB 356 CELL CULTURE TECHNOLOGY
	35892	ST 3.2 ENTREPRENEURSHIP DEVELOPMENT
	35572	VBt-312 INDUSTRIAL BIOTECHNOLOGY
	35812	VOC-EEM - 356ELECTRONIC INSTRUMENTATION

**THIRD YEAR B.SC.(REGULAR)(2019 PATTERN)  
(INCLUDING VOC)  
/292/S- 2022**

**Zoology**

SEMESTER - VI

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Tuesday 10-01-2023	36151	ZO-361 MEDICAL & FORENSIC ZOOLOGY
Wednesday 11-01-2023	36152	ZO-362 ANIMAL PHYSIOLOGY
Thursday 12-01-2023	36153	ZO-363 MOLECULAR BIOLOGY
Friday 13-01-2023	36154	ZO-364 ENTOMOLOGY
Saturday 14-01-2023	36155	ZO-365 TECHNIQUES IN BIOLOGY
Monday 16-01-2023	36156	ZO-366 EVOLUTIONARY BIOLOGY
Tuesday 17-01-2023	361510	ZO-3610 ENVIRONMENTAL IMPACT ASSESSMENT

SEMESTER - V

Time:-10.00 AM To 12.00 PM

Day & Date	Paper Code	Subject
Wednesday 18-01-2023	35151	ZO-351 PEST MANAGEMENT
Thursday 19-01-2023	35152	ZO-352 HISTOLOGY
Friday 20-01-2023	35153	ZO-353 BIOLOGICAL CHEMISTRY
Tuesday 24-01-2023	35154	ZO-354 GENETICS
Wednesday 25-01-2023	35155	ZO-355 DEVELOPMENTAL BIOLOGY
Friday 27-01-2023	35156	ZO-356 PARASITOLOGY
Saturday 28-01-2023	351510	ZO-3510 AQUARIUM MANAGEMENT
Monday 30-01-2023	351511	ZO-3511 POULTRY MANAGEMENT

**THIRD YEAR B.SC.(REGULAR)(2019 PATTERN)  
(INCLUDING VOC)  
/292/S- 2022**

NOTE: -

**1. The Backlog Students of T.Y.B.Sc. 2013 pattern will have to appear for equivalence subject of 2019 pattern.**

Ganeshkhind, Pune - 411 007

**Ref.No/XCT:951**

**Date:30/12/2022**

**Director**

**Board of Examinations And Evaluation**