



Shiksha Mandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science)

An Autonomous College affiliated to RTM Nagpur University, Nagpur

NAAC Reaccredited "A" (CGPA 3.21) | CPE (Phase II)

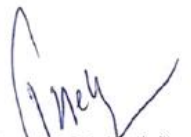


AISHE ID: 18638

Following is the year-wise and programme-wise number of courses offered in all the programmes under academic autonomy during the assessment period –

Academic Year	Number of courses offered			
	Bachelor of Science (B. Sc.)	Master of Science (M. Sc.)	Certificate/ Diploma	Total
2021-22	117	118	7	242
2020-21	117	108	4	229
2019-20	117	98	4	219
2018-19	81	98	3	182
2017-18	44	48	3	95

(The list of all courses offered across various programmes under academic autonomy is also attached herewith)


(Prof. P. V. Tekade)
Offg. Principal
Offi. Principal
Bajaj College of Science
WARDHA

3.1 List of courses offered across all programmes during the year

Programme Code	Programme Name	Course Code	Course Name
2021-22			
UG	Under graduate (Bachelor of Science)		
UG-PHY (01) – T	Physics (UG)	UG-PHY (01) - S1 – T	Physics I
		UG-PHY (01) - S1 – P	Physics Laboratory - 1
		UG-PHY (01) - S2 - T	Physics II
		UG-PHY (01) - S2 - P	Physics Laboratory - 2
		UG-PHY (01) - S3 – T	Physics III
		UG-PHY (01) - S3 – P	Physics Laboratory - 3
		UG-PHY (01) - S4 – T	Physics IV
		UG-PHY (01) - S4 – P	Physics Laboratory - 4
		UG-PHY (01) - S5 – T	Physics V
		UG-PHY (01) - S5 – P	Physics Laboratory - 5
		UG-PHY (01) - S6 – T	Physics VI
		UG-PHY (01) - S6 – P	Physics Laboratory - 6
UG –CHEM(02)	Chemistry (UG)	UG –CHEM(02)-S1-T	Fundamentals of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S1-P	Fundamentals of Practical Chemistry
		UG –CHEM(02)-S2-T	Concepts of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S2-P	Concepts of Practical Chemistry
		UG –CHEM(02)-S3-T	Elements of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S3-P	Elements of Practical Chemistry
		UG –CHEM(02)-S4-T	Concise Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S4-P	Concise Practical Chemistry
		UG –CHEM(02)-S5-T	Principles of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S5-P	Principles of Practical Chemistry
		UG –CHEM(02)-S6-T	Advanced Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S6-P	Advanced Practical Chemistry
UG-MTH(03)	Mathematics (UG)	UG-MTH(03)-S1-T1	M-1: Elementary Mathematics
		UG-MTH(03)-S1-T2	M-2: Differential and Integral Calculus
		UG-MTH(03)-S2-T1	M-3: Geometry, Differential & Difference Equations
		UG-MTH(03)-S2-T2	M-4: Vector Analysis
		UG-MTH(03)-S3-T1	M-5: Advanced Calculus & Graph theory
		UG-MTH(03)-S3-T2	M-6: Mathematical Methods
		UG-MTH(03)-S4-T1	M-7: Partial Differential Equations & Calculus of Variation
		UG-MTH(03)-S4-T2	M-8: Mechanics
		UG-MTH(03)-S5-T1	M-9: Real Analysis
		UG-MTH(03)-S5-T2	M-10: Complex Analysis
		UG-MTH(03)-S6-T1	M-11: Abstract Algebra
		UG-MTH(03)-S6-T2	M-12: Special Theory of Relativity
		UG-ELE (04)-S1-T	Analogue and Digital Electronics - I

UG-ELE (04)	Electronics (UG)	UG-ELE (04)-S1-P	Analogue and Digital Electronics - I - Practical
		UG-ELE (04)-S2-T	Analogue and Digital Electronics - II
		UG-ELE (04)-S2-P	Analogue and Digital Electronics - II - Practical
		UG-ELE (04)-S3-T	Op-Amp, Power Supply, IC 555 and Circuit Maker
		UG-ELE (04)-S3-P	Op-Amp, Power Supply, IC 555 and Circuit Maker - Practical
		UG-ELE (04)-S4-T	OP-AMP Applications & Electronic Instrumentation
		UG-ELE (04)-S4-P	OP-AMP Applications & Electronic Instrumentation - Practical
		UG-ELE (04)-S5-T	Electronic Communication & Fundamentals of Microprocessor
		UG-ELE (04)-S5-P	Electronic Communication & Fundamentals of Microprocessor - Practical
		UG-ELE (04)-S6-T	Programming in 'C' & Microcontroller 8051
		UG-ELE (04)-S6-P	Programming in 'C' & Microcontroller 8051 - Practical
UG-CS(05)	Computer Science (UG)	UG-CS(05)-S1-T	Fundamentals of Information Technology and
		UG-CS(05)-S1-P	Fundamentals of Information Technology and
		UG-CS(05)-S2-T	Object Oriented Programming using C++ and System
		UG-CS(05)-S2-P	Object Oriented Programming using C++ and System
		UG-CS(05)-S3-T	Data Structures and Operating Systems
		UG-CS(05)-S3-P	Data Structures and Operating Systems - Practical
		UG-CS(05)-S4-T	Java Programming and Linux Operating System
		UG-CS(05)-S4-P	Java Programming and Linux Operating System - Practical
		UG-CS(05)-S5-T	Visual Basic Programming and Database Management
		UG-CS(05)-S5-P	Visual Basic Programming and Database Management
		UG-CS(05)-S6-T	Compiler Construction, SQL and PL / SQL
		UG-CS(05)-S6-P	Compiler Construction, SQL and PL / SQL - Practical
UG-BOT (06)	Botany (UG)	UG-BOT (06) - S1-T	Plant Diversity & Applications of Microbes
		UG-BOT (06) - S1-P	Practicals Based on Plant Diversity & Applications of Microbes
		UG-BOT (06) – S2-T	Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG- BOT (06)-S2-P	Practicals Based on Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG-BOT (06) – S3-T	Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG- BOT (06)-S3-P	Practicals Based on Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG-BOT (06) – S4-T	Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG- BOT (06)-S4-P	Practicals Based on Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques

		UG-BOT (06) – S5-T	Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG- BOT (06)-S5-P	Practicals Based on Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG-BOT (06) – S6-T	Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
		UG- BOT(06)-S6-P	Practicals Based on Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
UG-ZOO(07)	Zoology (UG)	UG-ZOO(07)-S1-T	Life and diversity of animals – non chordates
		UG-ZOO(07)-S1-P	Life and diversity of animals – non chordates - Practical
		UG-ZOO(07)-S2-T	Life and diversity of animals –chordates
		UG-ZOO(07)-S2-P	Life and diversity of animals –chordates - Practical
		UG-ZOO(07)-S3-T	Cell biology and environmental biology
		UG-ZOO(07)-S3-P	Cell biology and environmental biology - Practical
		UG-ZOO(07)-S4-T	Genetics and molecular biology
		UG-ZOO(07)-S4-P	Genetics and molecular biology - Practical
		UG-ZOO(07)-S5-T	Developmental biology
		UG-ZOO(07)-S5-P	Developmental biology - Practical
		UG-ZOO(07)-S6-T	Animal physiology, bioinformatics and biostatistics
		UG-ZOO(07)-S6-P	Animal physiology, bioinformatics and biostatistics - Practical
UG-MB (08)	Microbiology (UG)	UG-MB (08)-S1-T	History and Microbial Morphology.
		UG-MB (08)-S1-P	Microbiology Practical-I
		UG-MB (08)-S2-T	Microbial Techniques.
		UG-MB (08)-S2-P	Microbiology Practical-II
		UG-MB (08)-S3-T	Chemistry of Organic Constituents, Enzymology and Metabolism.
		UG-MB (08)-S3-P	Microbiology Practical-III
		UG-MB (08)-S4-T	Industrial and Applied Microbiology
		UG-MB (08)-S4-P	Microbiology Practical-IV
		UG-MB (08)-S5-T	Medical Microbiology and Immunology
		UG-MB (08)-S5-P	Microbiology Practical-VI
		UG-MB (08)-S6-T	Molecular Biology, Bioinstrumentation, and Biotechnology
		UG-MB (08)-S6-P	Microbiology Practical-VI
UG-BT(09)	Biotechnology (UG)	UG-BT(09)-S1-T	Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S1-P	Practicals-Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S2-T	Microbiology, Cell Biology and Enzymology
		UG-BT(09)-S2-P	Microbiology, Cell Biology and Enzymology - Practical
		UG-BT(09)-S3-T	Metabolism and Biophysical Techniques I
		UG-BT(09)-S3-P	Metabolism and Biophysical Techniques I - Practical
		UG-BT(09)-S4-T	Immunology and Biophysical Techniques II

		UG-BT(09)-S4-P	Immunology and Biophysical Techniques II - Practical
		UG-BT(09)-S5-T	Molecular Biology and rDNA Technology
		UG-BT(09)-S5-P	Molecular Biology and rDNA Technology - Practical
		UG-BT(09)-S6-T	Application of Biotechnology
		UG-BT(09)-S6-P	Application of Biotechnology - Practical
UG-ENG(10)	Compulsory English (UG)	UG-ENG(10)-S1-T	Compulsory English
		UG-ENG(10)-S2-T	Compulsory English
UG-S.E.(11)	Supplementary English	UG-S.E.(11)-S1-T	Supplementary English
		UG-S.E.(11)-S2-T	Supplementary English
UG-H(12)-S1	Hindi (UG)	UG-H(12)-S1-T	Hindi
		UG-H(12)-S2-T	Hindi
UG-M(13)-S1	Marathi (UG)	UG-M(13)-S1-T	Marathi
		UG-M(13)-S2-T	Marathi
UG-ES(14)	Environmental Studies	UG-ES(14)-S4-T	Environmental Studies (Sem III)
PG	Post Graduate (Master of Science)		
PG –CHEM(02)	MSc Chemistry	PG –CHEM(02)-S1-T1	Paper – I Inorganic Chemistry
		PG –CHEM(02)-S1-T2	Paper – II Organic Chemistry
		PG –CHEM(02)-S1-T3	Paper – III Physical Chemistry
		PG –CHEM(02)-S1-T4	Paper – IV Analytical Chemistry
		PG –CHEM(02)-S1-P1	Practical–I Inorganic Chemistry
		PG –CHEM(02)-S1-P2	Practical–II Physical Chemistry
		PG –CHEM(02)-S2-T1	Paper – V Inorganic Chemistry
		PG –CHEM(02)-S2-T2	Paper – VI Organic Chemistry
		PG –CHEM(02)-S2-T3	Paper – VII Physical Chemistry
		PG –CHEM(02)-S2-T4	Paper – VIII Analytical Chemistry
		PG –CHEM(02)-S2-P1	Practical–III Organic Chemistry
		PG –CHEM(02)-S2-P2	Practical–IV Analytical Chemistry
		PG –CHEM(02)-S3-T1SP1	Paper–IX Special I-Organic Chemistry
		PG –CHEM(02)-S3-T2SP2	Paper–X Special II-Organic Chemistry
		PG –CHEM(02)-S3-T3EL1	Paper–XI Elective - Environmental Chemistry I/ Polymer Chemistry I/ Medicinal Chemistry I
		PG –CHEM(02)-S3-T4	Paper–XII Spectroscopy – I (Core Subject Centric)
		PG –CHEM(02)-S3-P1	Practical –V Special Organic Chemistry Practical I
		PG –CHEM(02)-S3-P2	Practical –VI Elective – Environmental/ Polymer/ Medicinal Practical
		PG –CHEM(02)-S4-T1SP1	Paper–XIII Special I - Organic Chemistry
		PG –CHEM(02)-S4-T2SP2	Paper–XIV Special II- Organic Chemistry
		PG –CHEM(02)-S4-T3EL2	Paper–XV Elective - Environmental Chemistry II/ Polymer Chemistry II/ Medicinal Chemistry II
		PG –CHEM(02)-S4-T4	Paper–XVI Spectroscopy – II (Core Subject Centric)
		PG –CHEM(02)-S4-P1	Practical –VII Special Organic Chemistry Practical II
		PG –CHEM(02)-S4-P2	Practical –VIII Project
		PG- MATH (03)- S1-T1	Paper-I : Algebra I
		PG- MATH (03)- S1-T2	Paper-II : Real Analysis I

PG- MATH (03)	MSc Mathematics	PG- MATH (03)- S1-T3	Paper-III: Topology I
		PG- MATH (03)- S1-T4	Paper-VI : Linear Algebra and Differential Equations
		PG- MATH (03)- S1-T5	Paper-V : Integral Equations
		PG- MATH (03)- S2-T1	Paper-VI : Algebra II
		PG- MATH (03)- S2-T2	Paper-VII : Real Analysis II
		PG- MATH (03)- S2-T3	Paper-VIII : Topology II
		PG- MATH (03)- S2-T4	Paper-IX : Differential geometry
		PG- MATH (03)- S2-T5	Paper-X : Classical Mechanics
		PG- MATH (03)- S3-T1	Paper-XI : Complex Analysis
		PG- MATH (03)- S3-T2	Paper-XII : Functional Analysis
		PG- MATH (03)- S3-T3	Paper-XIII : Mathematical Methods
		PG- MATH (03)- S3-T4- EL1	Paper-XIV : Fluid Dynamics-I
		PG- MATH (03)- S3-T5	Paper-XV : Operation Research-I
		PG- MATH (03)- S4-T1	Paper-XVI : Dynamical Systems
		PG- MATH (03)- S4-T2	Paper-XVII : Partial Differential Equations
		PG- MATH (03)- S4-T3	Paper-XVII : Advanced Numerical Methods
		PG- MATH (03)- S4-T4- EL2	Paper-XIX : Fluid Dynamics II
		PG- MATH (03)- S4-T5	Paper-XX : Operation Research-II
PG –BOT(06)	MSc Botany	PG –BOT(06)-S1-T1	Paper – I Microbiology, Algae, Fungi, Microscopy & Centrifugation
		PG –BOT(06)-S1-T2	Paper – II Bryophytes, Pteridophytes & Plant Microtechniques.
		PG –BOT(06)-S1-T3	Paper – III Paleobotany, Gymnosperms, Spectrophotometry & Chromatography
		PG –BOT(06)-S1-T4	Paper – IV Cytogenetics & Cell/Tissue Structure Methodology
		PG –BOT(06)-S1-P1	Practical–I Based on Paper I and Paper II
		PG –BOT(06)-S1-P2	Practical–II Based on Paper III and Paper IV
		PG –BOT(06)-S2-T1	Paper – V Plant Physiology, Biochemistry & Analytical Pharmacognosy.
		PG –BOT(06)-S2-T2	Paper – VI Plant Development, Reproduction & Phytochemistry.
		PG –BOT(06)-S2-T3	Paper – VII Cell, Molecular Biology-I & Data Collection, Documentation & Photography.
		PG –BOT(06)-S2-T4	Paper – VIII Angiosperms-I, Ethnobotany & Scientific Writing.
		PG –BOT(06)-S2-P1	Practical–III Based on Paper V and Paper VI
		PG –BOT(06)-S2-P2	Practical–IV Based on Paper VII and Paper VIII
		PG –BOT(06)-S3-T1	Paper–IX Plant Ecology, Conservation, Herbal Cosmetics & Medicine.
		PG –BOT(06)-S3-T2	Paper–X Angiosperms- II & Plant Nursery Management.
		PG –BOT(06)-S3-T3-SP1	Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S3-T3-SP2	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S3-T4-EL1	Paper–XII Aesthetic Botany.
		PG –BOT(06)-S3-P1	Practical –V Based on Paper IX and Paper X

		PG –BOT(06)-S3-P2	Practical –VI Based on Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S4-T1	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S4-T2	Paper–XIII Cell & Molecular Biology-II
		PG –BOT(06)-S4-T3-SP1	Paper–XIV Plant Biotechnology & Bioinformatics.
		PG –BOT(06)-S4-T3-SP2	Paper–XV Molecular Biology & Plant Biotechnology-II./ Paper–XV Mycology & Plant Pathology-II.
		PG –BOT(06)-S4-T4-EL2	Paper–XVI Plant Resources.
		PG –BOT(06)-S4-P1	Practical –VII Based on Paper XIII and Paper XIV
		PG –BOT(06)-S4-P2	Practical –VIII Based on Research Project
PG- ZOO (07)	MSc Zoology	PG- ZOO (07)- S1-T1	Paper – I Structure and Function of Invertebrates
		PG- ZOO (07)- S1-T2	Paper – II Biochemistry - I
		PG- ZOO (07)- S1-T3	Paper – III Cell Biology and Genetics
		PG- ZOO (07)- S1-T4	Paper – IV Developmental Biology (Principle and Applications)
		PG- ZOO (07)- S1-P1	Practical–I Structure and Function of Invertebrates and Biochemistry I
		PG- ZOO (07)- S1-P2	Practical–II Cell Biology, Genetics and Developmental Biology
		PG- ZOO (07)- S2-T1	Paper – V Structure and Function of Vertebrates
		PG- ZOO (07)- S2-T2	Paper – VI Comparative Endocrinology
		PG- ZOO (07)- S2-T3	Paper – VII Molecular Biology and Biotechnology
		PG- ZOO (07)- S2-T4	Paper – VIII Biochemistry - II
		PG- ZOO (07)- S2-P1	Practical–III Structure and Function of Vertebrates and Comparative Endocrinology
		PG- ZOO (07)- S2-P2	Practical–IV Molecular Biology, Biotechnology and Biochemistry II
		PG- ZOO (07)- S3-T1	Paper–IX Parasitology and Immunology
		PG- ZOO (07)- S3-T2-SP1	Paper–X Special Group –Animal Physiology –I
		PG- ZOO (07)- S3-T3-EL1	Paper–XI Special Group –Animal Physiology –II
		PG- ZOO (07)- S3-T4-FC1	Paper–XII Wild Life and Avian Biology (Core Subject Centric)
		PG- ZOO (07)- S3-P1	Practical –V Parasitology and Immunology
		PG- ZOO (07)- S3-P2	Practical –VI Special Group- Animal Physiology
		PG- ZOO (07)- S4-T1	Paper–XIII Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics
		PG- ZOO (07)- S4-T2-SP2	Paper–XIV Elective III Special Group- Animal Physiology- III Physiology of Brain, Nerve and Muscle
		PG- ZOO (07)- S4-T3-EL2	Paper–XV Elective IV - Special Group –Animal Physiology –IV Physiology of Respiration and Reproduction
		PG- ZOO (07)- S4-T4-FC2	Paper–XVI Radiation and Chronobiology (Core Subject Centric)
		PG- ZOO (07)- S4-P1	Practical –VII Special Group –Animal Physiology
		PG- ZOO (07)- S4-PJ	Practical –VIII Project
		PG- MB (08)- S1-T1	Paper – I Microbial Metabolism
		PG- MB (08)- S1-T2	Paper – II Enzymology and Techniques
		PG- MB (08)- S1-T3	Paper – III Advance Techniques in Microbiology

PG- MB (08)	MSc Microbiology	PG- MB (08)- S1-T4	Paper – IV Membrane Structure and Signal Transduction
		PG- MB (08)- S1-P1	Practical–I Laboratory Exercise 1
		PG- MB (08)- S1-P2	Practical–II Laboratory Exercise 2
		PG- MB (08)- S2-T1	Paper – V Microbial Methods for Environment Management
		PG- MB (08)- S2-T2	Paper – VI Microbial Metabolites
		PG- MB (08)- S2-T3	Paper – VII Medical Microbiology and Parasitology
		PG- MB (08)- S2-T4	Paper – VIII Immunology and Immunodiagnostics
		PG- MB (08)- S2-P1	Practical–III Laboratory Exercise 3
		PG- MB (08)- S2-P2	Practical–IV Laboratory Exercise 4
		PG- MB (08)- S3-T1	Paper–IX Molecular Biology and Genetics
		PG- MB (08)- S3-T2	Paper–X Recombinant DNA Technology and Nanobiotechnology
		PG- MB (08)- S3-T3-EL1	Paper–XI Microbial Diversity Evolution and Ecology-I/ Bioinformatics - I
		PG- MB (08)- S3-T4-FC1	Paper–XII Drugs and Disease Management/ General Microbiology
		PG- MB (08)- S3-P1	Practical –V Laboratory Exercise 5
		PG- MB (08)- S3-P2	Practical –VI Laboratory Exercise 6
		PG- MB (08)- S4-T1	Paper–XIII - Virology
		PG- MB (08)- S4-T2	Paper–XIV Microbial Fermentation and Technology.
		PG- MB (08)- S4-T3-EL2	Paper–XV Microbial Diversity, Ecology and Biostatistics II /Bioinformatics II
		PG- MB (08)- S4-T4-FC2	Paper–XVI Vaccines and Delivery System / Advanced Microbiology
		PG- MB (08)- S4-P1	Practical –VII Laboratory Exercise 7
		PG- MB (08)- S4-PJ	Practical –VIII Project Work
PGD	Post Graduate Diploma	PGD-CR	Clinical Research
CC	Certificate Course	CC- CLT	Clinical Laboratory Techniques
		CC- HHP	Herb & Herbal Product
		CC_ SAR	Statistical Analysis Using R
		CC-NT	Nanosense: Certificate Course in Nanotechnology
		CC- IWWM	Industrial Waste Water Management
		CC- VCT	Vermicompost Technology
2020-21			
UG	Under graduate (Bachelor of Science)		
UG–PHY (01) – T	Physics (UG)	UG-PHY (01) - S1 – T	Physics I
		UG-PHY (01) - S1 – P	Physics Laboratory - 1
		UG-PHY (01) - S2 - T	Physics II
		UG-PHY (01) - S2 - P	Physics Laboratory - 2
		UG-PHY (01) - S3 – T	Physics III
		UG-PHY (01) - S3 – P	Physics Laboratory - 3
		UG-PHY (01) - S4 – T	Physics IV
		UG-PHY (01) - S4 – P	Physics Laboratory - 4

		UG-PHY (01) - S5 – T	Physics V
		UG-PHY (01) - S5 – P	Physics Laboratory - 5
		UG-PHY (01) - S6 – T	Physics VI
		UG-PHY (01) - S6 – P	Physics Laboratory - 6
UG –CHEM(02)	Chemistry (UG)	UG –CHEM(02)-S1-T	Fundamentals of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S1-P	Fundamentals of Practical Chemistry
		UG –CHEM(02)-S2-T	Concepts of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S2-P	Concepts of Practical Chemistry
		UG –CHEM(02)-S3-T	Elements of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S3-P	Elements of Practical Chemistry
		UG –CHEM(02)-S4-T	Concise Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S4-P	Concise Practical Chemistry
		UG –CHEM(02)-S5-T	Principles of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S5-P	Principles of Practical Chemistry
		UG –CHEM(02)-S6-T	Advanced Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S6-P	Advanced Practical Chemistry
UG-MTH(03)	Mathematics (UG)	UG-MTH(03)-S1-T1	M-1: Elementary Mathematics
		UG-MTH(03)-S1-T2	M-2: Differential and Integral Calculus
		UG-MTH(03)-S2-T1	M-3: Geometry, Differential & Difference Equations
		UG-MTH(03)-S2-T2	M-4: Vector Analysis
		UG-MTH(03)-S3-T1	M-5: Advanced Calculus & Graph theory
		UG-MTH(03)-S3-T2	M-6: Mathematical Methods
		UG-MTH(03)-S4-T1	M-7: Partial Differential Equations & Calculus of Variation
		UG-MTH(03)-S4-T2	M-8: Mechanics
		UG-MTH(03)-S5-T1	M-9: Real Analysis
		UG-MTH(03)-S5-T2	M-10: Complex Analysis
		UG-MTH(03)-S6-T1	M-11: Abstract Algebra
		UG-MTH(03)-S6-T2	M-12: Special Theory of Relativity
UG-ELE (04)	Electronics (UG)	UG-ELE (04)-S1-T	Analogue and Digital Electronics - I
		UG-ELE (04)-S1-P	Analogue and Digital Electronics - I - Practical
		UG-ELE (04)-S2-T	Analogue and Digital Electronics - II
		UG-ELE (04)-S2-P	Analogue and Digital Electronics - II - Practical
		UG-ELE (04)-S3-T	Op-Amp, Power Supply, IC 555 and Circuit Maker
		UG-ELE (04)-S3-P	Op-Amp, Power Supply, IC 555 and Circuit Maker - Practical
		UG-ELE (04)-S4-T	OP-AMP Applications & Electronic Instrumentation
		UG-ELE (04)-S4-P	OP-AMP Applications & Electronic Instrumentation - Practical
		UG-ELE (04)-S5-T	Electronic Communication & Fundamentals of Microprocessor
		UG-ELE (04)-S5-P	Electronic Communication & Fundamentals of Microprocessor - Practical
		UG-ELE (04)-S6-T	Programming in 'C' & Microcontroller 8051

		UG-ELE (04)-S6-P	Programming in 'C' & Microcontroller 8051 - Practical
UG-CS(05)	Computer Science (UG)	UG-CS(05)-S1-T	Fundamentals of Information Technology and Programming in 'C'
		UG-CS(05)-S1-P	Fundamentals of Information Technology and Programming in 'C' - Practical
		UG-CS(05)-S2-T	Object Oriented Programming using 'C++' and System
		UG-CS(05)-S2-P	Object Oriented Programming using 'C++' and System Analysis and Design - Practical
		UG-CS(05)-S3-T	Data Structures and Operating Systems
		UG-CS(05)-S3-P	Data Structures and Operating Systems - Practical
		UG-CS(05)-S4-T	Java Programming and Linux Operating System
		UG-CS(05)-S4-P	Java Programming and Linux Operating System - Practical
		UG-CS(05)-S5-T	Visual Basic Programming and Database Management System
		UG-CS(05)-S5-P	Visual Basic Programming and Database Management System - Practical
		UG-CS(05)-S6-T	Compiler Construction, SQL and PL / SQL
		UG-CS(05)-S6-P	Compiler Construction, SQL and PL / SQL - Practical
UG-BOT (06)	Botany (UG)	UG-BOT (06) - S1-T	Plant Diversity & Applications of Microbes
		UG-BOT (06) - S1-P	Practicals Based on Plant Diversity & Applications of Microbes
		UG-BOT (06) – S2-T	Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG- BOT (06)-S2-P	Practicals Based on Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG-BOT (06) – S3-T	Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG- BOT (06)-S3-P	Practicals Based on Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG-BOT (06) – S4-T	Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG- BOT (06)-S4-P	Practicals Based on Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG-BOT (06) – S5-T	Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG- BOT (06)-S5-P	Practicals Based on Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG-BOT (06) – S6-T	Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
		UG- BOT(06)-S6-P	Practicals Based on Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
		UG-ZOO(07)-S1-T	Life and diversity of animals – non chordates

UG-ZOO(07)	Zoology (UG)	UG-ZOO(07)-S1-P	Life and diversity of animals – non chordates - Practical
		UG-ZOO(07)-S2-T	Life and diversity of animals –chordates
		UG-ZOO(07)-S2-P	Life and diversity of animals –chordates - Practical
		UG-ZOO(07)-S3-T	Cell biology and environmental biology
		UG-ZOO(07)-S3-P	Cell biology and environmental biology - Practical
		UG-ZOO(07)-S4-T	Genetics and molecular biology
		UG-ZOO(07)-S4-P	Genetics and molecular biology - Practical
		UG-ZOO(07)-S5-T	Developmental biology
		UG-ZOO(07)-S5-P	Developmental biology - Practical
		UG-ZOO(07)-S6-T	Animal physiology, bioinformatics and biostatistics
		UG-ZOO(07)-S6-P	Animal physiology, bioinformatics and biostatistics - Practical
UG-MB (08)	Microbiology (UG)	UG-MB (08)-S1-T	History and Microbial Morphology.
		UG-MB (08)-S1-P	Microbiology Practical-I
		UG-MB (08)-S2-T	Microbial Techniques.
		UG-MB (08)-S2-P	Microbiology Practical-II
		UG-MB (08)-S3-T	Chemistry of Organic Constituents, Enzymology and Metabolism.
		UG-MB (08)-S3-P	Microbiology Practical-III
		UG-MB (08)-S4-T	Industrial and Applied Microbiology
		UG-MB (08)-S4-P	Microbiology Practical-IV
		UG-MB (08)-S5-T	Medical Microbiology and Immunology
		UG-MB (08)-S5-P	Microbiology Practical-VI
		UG-MB (08)-S6-T	Molecular Biology, Bioinstrumentation, and Biotechnology
		UG-MB (08)-S6-P	Microbiology Practical-VI
UG-BT(09)	Biotechnology (UG)	UG-BT(09)-S1-T	Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S1-P	Practicals-Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S2-T	Microbiology, Cell Biology and Enzymology
		UG-BT(09)-S2-P	Microbiology, Cell Biology and Enzymology - Practical
		UG-BT(09)-S3-T	Metabolism and Biophysical Techniques I
		UG-BT(09)-S3-P	Metabolism and Biophysical Techniques I - Practical
		UG-BT(09)-S4-T	Immunology and Biophysical Techniques II
		UG-BT(09)-S4-P	Immunology and Biophysical Techniques II - Practical
		UG-BT(09)-S5-T	Molecular Biology and rDNA Technology
		UG-BT(09)-S5-P	Molecular Biology and rDNA Technology - Practical
		UG-BT(09)-S6-T	Application of Biotechnology
		UG-BT(09)-S6-P	Application of Biotechnology - Practical
UG-ENG(10)	Compulsory English (UG)	UG-ENG(10)-S1-T	Compulsory English
		UG-ENG(10)-S2-T	Compulsory English
UG-S.E.(11)	Supplementary English	UG-S.E.(11)-S1-T	Supplementary English
		UG-S.E.(11)-S2-T	Supplementary English
UG-H(12)-S1	Hindi (UG)	UG-H(12)-S1-T	Hindi
		UG-H(12)-S2-T	Hindi

UG-M(13)-S1	Marathi (UG)	UG-M(13)-S1-T	Marathi
		UG-M(13)-S2-T	Marathi
UG-ES(14)	Environmental Studies	UG-ES(14)-S4-T	Environmental Studies (Sem III)
PG	Post Graduate (Master of Science)		
PG –CHEM(02)	MSc Chemistry	PG –CHEM(02)-S1-T1	Paper – I Inorganic Chemistry
		PG –CHEM(02)-S1-T2	Paper – II Organic Chemistry
		PG –CHEM(02)-S1-T3	Paper – III Physical Chemistry
		PG –CHEM(02)-S1-T4	Paper – IV Analytical Chemistry
		PG –CHEM(02)-S1-P1	Practical-I Inorganic Chemistry
		PG –CHEM(02)-S1-P2	Practical-II Physical Chemistry
		PG –CHEM(02)-S2-T1	Paper – V Inorganic Chemistry
		PG –CHEM(02)-S2-T2	Paper – VI Organic Chemistry
		PG –CHEM(02)-S2-T3	Paper – VII Physical Chemistry
		PG –CHEM(02)-S2-T4	Paper – VIII Analytical Chemistry
		PG –CHEM(02)-S2-P1	Practical-III Organic Chemistry
		PG –CHEM(02)-S2-P2	Practical-IV Analytical Chemistry
		PG –CHEM(02)-S3-T1SP1	Paper-IX Special I-Organic Chemistry
		PG –CHEM(02)-S3-T2SP2	Paper-X Special II-Organic Chemistry
		PG –CHEM(02)-S3-T3EL1	Paper-XI Elective - Environmental Chemistry I/ Polymer Chemistry I/ Medicinal Chemistry I
		PG –CHEM(02)-S3-T4	Paper-XII Spectroscopy – I (Core Subject Centric)
		PG –CHEM(02)-S3-P1	Practical –V Special Organic Chemistry Practical I
		PG –CHEM(02)-S3-P2	Practical –VI Elective – Environmental/ Polymer/ Medicinal Practical
		PG –CHEM(02)-S4-T1SP1	Paper-XIII Special I - Organic Chemistry
		PG –CHEM(02)-S4-T2SP2	Paper-XIV Special II- Organic Chemistry
PG- MATH (03)	MSc Mathematics	PG- MATH (03)- S1-T1	Paper-I : Algebra I
		PG- MATH (03)- S1-T2	Paper-II : Real Analysis I
		PG- MATH (03)- S1-T3	Paper-III: Topology I
		PG- MATH (03)- S1-T4	Paper-VI : Linear Algebra and Differential Equations
		PG- MATH (03)- S1-T5	Paper-V : Integral Equations
		PG- MATH (03)- S2-T1	Paper-VI : Algebra II
		PG- MATH (03)- S2-T2	Paper-VII : Real Analysis II
		PG- MATH (03)- S2-T3	Paper-VIII : Topology II
		PG- MATH (03)- S2-T4	Paper-IX : Differential geometry
		PG- MATH (03)- S2-T5	Paper-X : Classical Mechanics
		PG –BOT(06)-S1-T1	Paper – I Microbiology, Algae, Fungi, Microscopy & Centrifugation

PG –BOT(06)	MSc Botany	PG –BOT(06)-S1-T2	Paper – II Bryophytes, Pteridophytes & Plant Microtechniques.
		PG –BOT(06)-S1-T3	Paper – III Paleobotany, Gymnosperms, Spectrophotometry & Chromatography
		PG –BOT(06)-S1-T4	Paper – IV Cytogenetics & Cell/Tissue Structure Methodology
		PG –BOT(06)-S1-P1	Practical–I Based on Paper I and Paper II
		PG –BOT(06)-S1-P2	Practical–II Based on Paper III and Paper IV
		PG –BOT(06)-S2-T1	Paper – V Plant Physiology, Biochemistry & Analytical Pharmacognosy.
		PG –BOT(06)-S2-T2	Paper – VI Plant Development, Reproduction & Phytochemistry.
		PG –BOT(06)-S2-T3	Paper – VII Cell, Molecular Biology-I & Data Collection, Documentation & Photography.
		PG –BOT(06)-S2-T4	Paper – VIII Angiosperms-I, Ethnobotany & Scientific Writing.
		PG –BOT(06)-S2-P1	Practical–III Based on Paper V and Paper VI
		PG –BOT(06)-S2-P2	Practical–IV Based on Paper VII and Paper VIII
		PG –BOT(06)-S3-T1	Paper–IX Plant Ecology, Conservation, Herbal Cosmetics & Medicine.
		PG –BOT(06)-S3-T2	Paper–X Angiosperms- II & Plant Nursery Management.
		PG –BOT(06)-S3-T3-SP1	Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S3-T3-SP2	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S3-T4-EL1	Paper–XII Aesthetic Botany.
		PG –BOT(06)-S3-P1	Practical –V Based on Paper IX and Paper X
		PG –BOT(06)-S3-P2	Practical –VI Based on Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S4-T1	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S4-T2	Paper–XIII Cell & Molecular Biology-II
		PG –BOT(06)-S4-T3-SP1	Paper–XIV Plant Biotechnology & Bioinformatics.
		PG –BOT(06)-S4-T3-SP2	Paper–XV Molecular Biology & Plant Biotechnology-II./ Paper–XV Mycology & Plant Pathology-II.
		PG –BOT(06)-S4-T4-EL2	Paper–XVI Plant Resources.
		PG –BOT(06)-S4-P1	Practical –VII Based on Paper XIII and Paper XIV
		PG –BOT(06)-S4-P2	Practical –VIII Based on Research Project
		PG- ZOO (07)- S1-T1	Paper – I Structure and Function of Invertebrates
		PG- ZOO (07)- S1-T2	Paper – II General Physiology
		PG- ZOO (07)- S1-T3	Paper – III Cell Biology and Genetics
		PG- ZOO (07)- S1-T4	Paper – IV Advance Reproductive Biology
		PG- ZOO (07)- S1-P1	Practical–I Structure and Function of Invertebrates and General Physiology
		PG- ZOO (07)- S1-P2	Practical–II Cell Biology, Genetics and Advanced Reproductive Biology
		PG- ZOO (07)- S2-T1	Paper – V Structure and Function of Vertebrates
		PG- ZOO (07)- S2-T2	Paper – VI Comparative Endocrinology
		PG- ZOO (07)- S2-T3	Paper – VII Molecular Biology and Biotechnology
		PG- ZOO (07)- S2-T4	Paper – VIII Advanced Developmental Biology

PG- ZOO (07)	MSc Zoology	PG- ZOO (07)- S2-P1	Practical–III Structure and Function of Vertebrates and Comparative Endocrinology
		PG- ZOO (07)- S2-P2	Practical–IV Molecular Biology, Biotechnology and Developmental Biology
		PG- ZOO (07)- S3-T1	Paper–IX Parasitology and Immunology
		PG- ZOO (07)- S3-T2-SP1	Paper–X Special Group –Animal Physiology –I
		PG- ZOO (07)- S3-T3-EL1	Paper–XI Special Group –Animal Physiology –II
		PG- ZOO (07)- S3-T4-FC1	Paper–XII Wild Life Ecology and Behavior (Core Subject Centric)
		PG- ZOO (07)- S3-P1	Practical –V Parasitology and Immunology
		PG- ZOO (07)- S3-P2	Practical –VI Special Group- Animal Physiology
		PG- ZOO (07)- S4-T1	Paper–XIII Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics
		PG- ZOO (07)- S4-T2-SP2	Paper–XIV Elective III Special Group- Animal Physiology- III Physiology of Brain, Nerve and Muscle
		PG- ZOO (07)- S4-T3-EL2	Paper–XV Elective IV - Special Group –Animal Physiology –IV Physiology of Respiration and Reproduction
		PG- ZOO (07)- S4-T4-FC2	Paper–XVI Radiation and Chronobiology (Core Subject Centric)
		PG- ZOO (07)- S4-P1	Practical –VII Special Group –Animal Physiology
		PG- ZOO (07)- S4-PJ	Practical –VIII Project
PG- MB (08)	MSc Microbiology	PG- MB (08)- S1-T1	Paper – I Microbial Metabolism
		PG- MB (08)- S1-T2	Paper – II Enzymology and Techniques
		PG- MB (08)- S1-T3	Paper – III Advance Techniques in Microbiology
		PG- MB (08)- S1-T4	Paper – IV Membrane Structure and Signal Transduction
		PG- MB (08)- S1-P1	Practical–I Laboratory Exercise 1
		PG- MB (08)- S1-P2	Practical–II Laboratory Exercise 2
		PG- MB (08)- S2-T1	Paper – V Microbial Methods for Environment Management
		PG- MB (08)- S2-T2	Paper – VI Microbial Metabolites
		PG- MB (08)- S2-T3	Paper – VII Medical Microbiology and Parasitology
		PG- MB (08)- S2-T4	Paper – VIII Immunology and Immunodiagnostics
		PG- MB (08)- S2-P1	Practical–III Laboratory Exercise 3
		PG- MB (08)- S2-P2	Practical–IV Laboratory Exercise 4
		PG- MB (08)- S3-T1	Paper–IX Molecular Biology and Genetics
		PG- MB (08)- S3-T2	Paper–X Recombinant DNA Technology and Nanobiotechnology
		PG- MB (08)- S3-T3-EL1	Paper–XI Microbial Diversity Evolution and Ecology-I/ Bioinformatics - I
		PG- MB (08)- S3-T4-FC1	Paper–XII Drugs and Disease Management/ General Microbiology
		PG- MB (08)- S3-P1	Practical –V Laboratory Exercise 5
		PG- MB (08)- S3-P2	Practical –VI Laboratory Exercise 6
		PG- MB (08)- S4-T1	Paper–XIII - Virology
		PG- MB (08)- S4-T2	Paper–XIV Microbial Fermentation and Technology.

		PG- MB (08)- S4-T3-EL2	Paper–XV Microbial Diversity Evolution and Ecology II /Bioinformatics II
		PG- MB (08)- S4-T4-FC2	Paper–XVI Vaccines and Delivery System / Advanced Microbiology
		PG- MB (08)- S4-P1	Practical –VII Laboratory Exercise 7
		PG- MB (08)- S4-PJ	Practical –VIII Project Work
CC	Certificate Course	CC- CLT	Clinical Laboratory Techniques
		CC- HHP	Herb & Herbal Product
		CC_ SAR	Statistical Analysis Using R
		CC-NT	Nanosense: Certificate Course in Nanotechnology
2019-20			
UG	Under graduate (Bachelor of Science)		
UG–PHY (01) – T	Physics (UG)	UG-PHY (01) - S1 – T	Physics I
		UG-PHY (01) - S1 – P	Physics Laboratory - 1
		UG-PHY (01) - S2 - T	Physics II
		UG-PHY (01) - S2 - P	Physics Laboratory - 2
		UG-PHY (01) - S3 – T	Physics III
		UG-PHY (01) - S3 – P	Physics Laboratory - 3
		UG-PHY (01) - S4 – T	Physics IV
		UG-PHY (01) - S4 – P	Physics Laboratory - 4
		UG-PHY (01) - S5 – T	Physics V
		UG-PHY (01) - S5 – P	Physics Laboratory - 5
		UG-PHY (01) - S6 – T	Physics VI
		UG-PHY (01) - S6 – P	Physics Laboratory - 6
UG –CHEM(02)	Chemistry (UG)	UG –CHEM(02)-S1-T	Fundamentals of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S1-P	Fundamentals of Practical Chemistry
		UG –CHEM(02)-S2-T	Concepts of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S2-P	Concepts of Practical Chemistry
		UG –CHEM(02)-S3-T	Elements of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S3-P	Elements of Practical Chemistry
		UG –CHEM(02)-S4-T	Concise Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S4-P	Concise Practical Chemistry
		UG –CHEM(02)-S5-T	Principles of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S5-P	Principles of Practical Chemistry
		UG –CHEM(02)-S6-T	Advanced Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S6-P	Advanced Practical Chemistry
UG-MTH(03)	Mathematics (UG)	UG-MTH(03)-S1-T1	M-1: Elementary Mathematics
		UG-MTH(03)-S1-T2	M-2: Differential and Integral Calculus
		UG-MTH(03)-S2-T1	M-3: Geometry, Differential & Difference Equations
		UG-MTH(03)-S2-T2	M-4: Vector Analysis
		UG-MTH(03)-S3-T1	M-5: Advanced Calculus & Graph theory
		UG-MTH(03)-S3-T2	M-6: Mathematical Methods
		UG-MTH(03)-S4-T1	M-7: Partial Differential Equations & Calculus of Variation

		UG-MTH(03)-S4-T2	M-8: Mechanics
		UG-MTH(03)-S5-T1	M-9: Real Analysis
		UG-MTH(03)-S5-T2	M-10: Complex Analysis
		UG-MTH(03)-S6-T1	M-11: Abstract Algebra
		UG-MTH(03)-S6-T2	M-12: Special Theory of Relativity
UG-ELE (04)	Electronics (UG)	UG-ELE (04)-S1-T	Analogue and Digital Electronics - I
		UG-ELE (04)-S1-P	Analogue and Digital Electronics - I - Practical
		UG-ELE (04)-S2-T	Analogue and Digital Electronics - II
		UG-ELE (04)-S2-P	Analogue and Digital Electronics - II - Practical
		UG-ELE (04)-S3-T	Op-Amp, Power Supply, IC 555 and Circuit Maker
		UG-ELE (04)-S3-P	Op-Amp, Power Supply, IC 555 and Circuit Maker - Practical
		UG-ELE (04)-S4-T	OP-AMP Applications & Electronic Instrumentation
		UG-ELE (04)-S4-P	OP-AMP Applications & Electronic Instrumentation - Practical
		UG-ELE (04)-S5-T	Electronic Communication & Fundamentals of Microprocessor
		UG-ELE (04)-S5-P	Electronic Communication & Fundamentals of Microprocessor - Practical
		UG-ELE (04)-S6-T	Programming in 'C' & Microcontroller 8051
		UG-ELE (04)-S6-P	Programming in 'C' & Microcontroller 8051 - Practical
UG-CS(05)	Computer Science (UG)	UG-CS(05)-S1-T	Fundamentals of Information Technology and Programming in 'C'
		UG-CS(05)-S1-P	Fundamentals of Information Technology and Programming in 'C' - Practical
		UG-CS(05)-S2-T	Object Oriented Programming using 'C++' and System Analysis and Design - Practical
		UG-CS(05)-S2-P	Object Oriented Programming using 'C++' and System Analysis and Design - Practical
		UG-CS(05)-S3-T	Data Structures and Operating Systems
		UG-CS(05)-S3-P	Data Structures and Operating Systems - Practical
		UG-CS(05)-S4-T	Java Programming and Linux Operating System
		UG-CS(05)-S4-P	Java Programming and Linux Operating System - Practical
		UG-CS(05)-S5-T	Visual Basic Programming and Database Management System
		UG-CS(05)-S5-P	Visual Basic Programming and Database Management System - Practical
		UG-CS(05)-S6-T	Compiler Construction, SQL and PL / SQL
		UG-CS(05)-S6-P	Compiler Construction, SQL and PL / SQL - Practical
		UG-BOT (06) - S1-T	Plant Diversity & Applications of Microbes
		UG-BOT (06) - S1-P	Practicals Based on Plant Diversity & Applications of Microbes
		UG-BOT (06) – S2-T	Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG- BOT (06)-S2-P	Practicals Based on Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing

UG-BOT (06)	Botany (UG)	UG-BOT (06) – S3-T	Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG- BOT (06)-S3-P	Practicals Based on Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG-BOT (06) – S4-T	Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG- BOT (06)-S4-P	Practicals Based on Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG-BOT (06) – S5-T	Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG- BOT (06)-S5-P	Practicals Based on Biochemistry, Plant Physiology-I, Plant Ecology and Instrumentation and Phytochemistry
		UG-BOT (06) – S6-T	Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
		UG- BOT(06)-S6-P	Practicals Based on Plant Physiology-II, Biotechnology And Utilization Of Plant, Plant Nursery Management
UG-ZOO(07)	Zoology (UG)	UG-ZOO(07)-S1-T	Life and diversity of animals – non chordates
		UG-ZOO(07)-S1-P	Life and diversity of animals – non chordates - Practical
		UG-ZOO(07)-S2-T	Life and diversity of animals –chordates
		UG-ZOO(07)-S2-P	Life and diversity of animals –chordates - Practical
		UG-ZOO(07)-S3-T	Cell biology and environmental biology
		UG-ZOO(07)-S3-P	Cell biology and environmental biology - Practical
		UG-ZOO(07)-S4-T	Genetics and molecular biology
		UG-ZOO(07)-S4-P	Genetics and molecular biology - Practical
		UG-ZOO(07)-S5-T	Developmental biology
		UG-ZOO(07)-S5-P	Developmental biology - Practical
		UG-ZOO(07)-S6-T	Animal physiology, bioinformatics and biostatistics
		UG-ZOO(07)-S6-P	Animal physiology, bioinformatics and biostatistics - Practical
UG-MB (08)	Microbiology (UG)	UG-MB (08)-S1-T	History and Microbial Morphology.
		UG-MB (08)-S1-P	Microbiology Practical-I
		UG-MB (08)-S2-T	Microbial Techniques.
		UG-MB (08)-S2-P	Microbiology Practical-II
		UG-MB (08)-S3-T	Chemistry of Organic Constituents, Enzymology and Metabolism.
		UG-MB (08)-S3-P	Microbiology Practical-III
		UG-MB (08)-S4-T	Industrial and Applied Microbiology
		UG-MB (08)-S4-P	Microbiology Practical-IV
		UG-MB (08)-S5-T	Medical Microbiology and Immunology
		UG-MB (08)-S5-P	Microbiology Practical-VI
		UG-MB (08)-S6-T	Molecular Biology, Bioinstrumentation, and Biotechnology
		UG-MB (08)-S6-P	Microbiology Practical-VI
		UG-BT(09)-S1-T	Fundamentals of Biotechnology and Biomolecules

UG-BT(09)	Biotechnology (UG)	UG-BT(09)-S1-P	Practicals-Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S2-T	Microbiology, Cell Biology and Enzymology
		UG-BT(09)-S2-P	Microbiology, Cell Biology and Enzymology - Practical
		UG-BT(09)-S3-T	Metabolism and Biophysical Techniques I
		UG-BT(09)-S3-P	Metabolism and Biophysical Techniques I - Practical
		UG-BT(09)-S4-T	Immunology and Biophysical Techniques II
		UG-BT(09)-S4-P	Immunology and Biophysical Techniques II - Practical
		UG-BT(09)-S5-T	Molecular Biology and rDNA Technology
		UG-BT(09)-S5-P	Molecular Biology and rDNA Technology - Practical
		UG-BT(09)-S6-T	Application of Biotechnology
		UG-BT(09)-S6-P	Application of Biotechnology - Practical
UG-ENG(10)	Compulsory English (UG)	UG-ENG(10)-S1-T	Compulsory English
		UG-ENG(10)-S2-T	Compulsory English
UG-S.E.(11)	Supplementary English	UG-S.E.(11)-S1-T	Supplementary English
		UG-S.E.(11)-S2-T	Supplementary English
UG-H(12)-S1	Hindi (UG)	UG-H(12)-S1-T	Hindi
		UG-H(12)-S2-T	Hindi
UG-M(13)-S1	Marathi (UG)	UG-M(13)-S1-T	Marathi
		UG-M(13)-S2-T	Marathi
UG-ES(14)	Environmental Studies	UG-ES(14)-S4-T	Environmental Studies (Sem III)
PG	Post Graduate (Master of Science)		
PG –CHEM(02)	MSc Chemistry	PG –CHEM(02)-S1-T1	Paper – I Inorganic Chemistry
		PG –CHEM(02)-S1-T2	Paper – II Organic Chemistry
		PG –CHEM(02)-S1-T3	Paper – III Physical Chemistry
		PG –CHEM(02)-S1-T4	Paper – IV Analytical Chemistry
		PG –CHEM(02)-S1-P1	Practical–I Inorganic Chemistry
		PG –CHEM(02)-S1-P2	Practical–II Physical Chemistry
		PG –CHEM(02)-S2-T1	Paper – V Inorganic Chemistry
		PG –CHEM(02)-S2-T2	Paper – VI Organic Chemistry
		PG –CHEM(02)-S2-T3	Paper – VII Physical Chemistry
		PG –CHEM(02)-S2-T4	Paper – VIII Analytical Chemistry
		PG –CHEM(02)-S2-P1	Practical–III Organic Chemistry
		PG –CHEM(02)-S2-P2	Practical–IV Analytical Chemistry
		PG –CHEM(02)-S3-T1SP1	Paper–IX Special I-Organic Chemistry
		PG –CHEM(02)-S3-T2SP2	Paper–X Special II-Organic Chemistry
		PG –CHEM(02)-S3-T3EL1	Paper–XI Elective - Environmental Chemistry I/ Polymer Chemistry I/ Medicinal Chemistry I
		PG –CHEM(02)-S3-T4	Paper–XII Spectroscopy – I (Core Subject Centric)
		PG –CHEM(02)-S3-P1	Practical –V Special Organic Chemistry Practical I
		PG –CHEM(02)-S3-P2	Practical –VI Elective – Environmental/ Polymer/ Medicinal Practical
		PG –CHEM(02)-S4-T1SP1	Paper–XIII Special I - Organic Chemistry

		PG –CHEM(02)-S4-T2SP2	Paper–XIV Special II- Organic Chemistry
		PG –CHEM(02)-S4-T3EL2	Paper–XV Elective - Environmental Chemistry II/ Polymer Chemistry II/ Medicinal Chemistry II
		PG –CHEM(02)-S4-T4	Paper–XVI Spectroscopy – II (Core Subject Centric)
		PG –CHEM(02)-S4-P1	Practical –VII Special Organic Chemistry Practical II
		PG –CHEM(02)-S4-P2	Practical –VIII Project
PG –BOT(06)	MSc Botany	PG –BOT(06)-S1-T1	Paper – I Microbiology, Algae, Fungi, Microscopy & Centrifugation
		PG –BOT(06)-S1-T2	Paper – II Bryophytes, Pteridophytes & Plant Microtechniques.
		PG –BOT(06)-S1-T3	Paper – III Paleobotany, Gymnosperms, Spectrophotometry & Chromatography
		PG –BOT(06)-S1-T4	Paper – IV Cytogenetics & Cell/Tissue Structure Methodology
		PG –BOT(06)-S1-P1	Practical–I Based on Paper I and Paper II
		PG –BOT(06)-S1-P2	Practical–II Based on Paper III and Paper IV
		PG –BOT(06)-S2-T1	Paper – V Plant Physiology, Biochemistry & Analytical Pharmacognosy.
		PG –BOT(06)-S2-T2	Paper – VI Plant Development, Reproduction & Phytochemistry.
		PG –BOT(06)-S2-T3	Paper – VII Cell, Molecular Biology-I & Data Collection, Documentation & Photography.
		PG –BOT(06)-S2-T4	Paper – VIII Angiosperms-I, Ethnobotany & Scientific Writing.
		PG –BOT(06)-S2-P1	Practical–III Based on Paper V and Paper VI
		PG –BOT(06)-S2-P2	Practical–IV Based on Paper VII and Paper VIII
		PG –BOT(06)-S3-T1	Paper–IX Plant Ecology, Conservation, Herbal Cosmetics & Medicine.
		PG –BOT(06)-S3-T2	Paper–X Angiosperms- II & Plant Nursery Management.
		PG –BOT(06)-S3-T3-SP1	Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S3-T3-SP2	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S3-T4-EL1	Paper–XII Aesthetic Botany.
		PG –BOT(06)-S3-P1	Practical –V Based on Paper IX and Paper X
		PG –BOT(06)-S3-P2	Practical –VI Based on Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S4-T1	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S4-T2	Paper–XIII Cell & Molecular Biology-II
		PG –BOT(06)-S4-T3-SP1	Paper–XIV Plant Biotechnology & Bioinformatics.
		PG –BOT(06)-S4-T3-SP2	Paper–XV Molecular Biology & Plant Biotechnology-II./ Paper–XV Mycology & Plant Pathology-II.
		PG –BOT(06)-S4-T4-EL2	Paper–XVI Plant Resources.
		PG –BOT(06)-S4-P1	Practical –VII Based on Paper XIII and Paper XIV
		PG –BOT(06)-S4-P2	Practical –VIII Based on Research Project
		PG- ZOO (07)- S1-T1	Paper – I Structure and Function of Invertebrates
		PG- ZOO (07)- S1-T2	Paper – II General Physiology
		PG- ZOO (07)- S1-T3	Paper – III Cell Biology and Genetics
		PG- ZOO (07)- S1-T4	Paper – IV Advance Reproductive Biology

PG- ZOO (07)	MSc Zoology	PG- ZOO (07)- S1-P1	Practical–I Structure and Function of Invertebrates and General Physiology
		PG- ZOO (07)- S1-P2	Practical–II Cell Biology, Genetics and Advanced Reproductive Biology
		PG- ZOO (07)- S2-T1	Paper – V Structure and Function of Vertebrates
		PG- ZOO (07)- S2-T2	Paper – VI Comparative Endocrinology
		PG- ZOO (07)- S2-T3	Paper – VII Molecular Biology and Biotechnology
		PG- ZOO (07)- S2-T4	Paper – VIII Advanced Developmental Biology
		PG- ZOO (07)- S2-P1	Practical–III Structure and Function of Vertebrates and Comparative Endocrinology
		PG- ZOO (07)- S2-P2	Practical–IV Molecular Biology, Biotechnology and Developmental Biology
		PG- ZOO (07)- S3-T1	Paper–IX Parasitology and Immunology
		PG- ZOO (07)- S3-T2-SP1	Paper–X Special Group –Animal Physiology –I
		PG- ZOO (07)- S3-T3-EL1	Paper–XI Special Group –Animal Physiology –II
		PG- ZOO (07)- S3-T4-FC1	Paper–XII Wild Life Ecology and Behavior (Core Subject Centric)
		PG- ZOO (07)- S3-P1	Practical –V Parasitology and Immunology
		PG- ZOO (07)- S3-P2	Practical –VI Special Group- Animal Physiology
		PG- ZOO (07)- S4-T1	Paper–XIII Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics
		PG- ZOO (07)- S4-T2-SP2	Paper–XIV Elective III Special Group- Animal Physiology- III Physiology of Brain, Nerve and Muscle
		PG- ZOO (07)- S4-T3-EL2	Paper–XV Elective IV - Special Group –Animal Physiology –IV Physiology of Respiration and Reproduction
		PG- ZOO (07)- S4-T4-FC2	Paper–XVI Radiation and Chronobiology (Core Subject Centric)
		PG- ZOO (07)- S4-P1	Practical –VII Special Group –Animal Physiology
		PG- ZOO (07)- S4-PJ	Practical –VIII Project
PG- MB (08)	MSc Microbiology	PG- MB (08)- S1-T1	Paper – I Microbial Metabolism
		PG- MB (08)- S1-T2	Paper – II Enzymology and Techniques
		PG- MB (08)- S1-T3	Paper – III Advance Techniques in Microbiology
		PG- MB (08)- S1-T4	Paper – IV Membrane Structure and Signal Transduction
		PG- MB (08)- S1-P1	Practical–I Laboratory Exercise 1
		PG- MB (08)- S1-P2	Practical–II Laboratory Exercise 2
		PG- MB (08)- S2-T1	Paper – V Microbial Methods for Environment Management
		PG- MB (08)- S2-T2	Paper – VI Microbial Metabolites
		PG- MB (08)- S2-T3	Paper – VII Medical Microbiology and Parasitology
		PG- MB (08)- S2-T4	Paper – VIII Immunology and Immunodiagnostics
		PG- MB (08)- S2-P1	Practical–III Laboratory Exercise 3
		PG- MB (08)- S2-P2	Practical–IV Laboratory Exercise 4
		PG- MB (08)- S3-T1	Paper–IX Molecular Biology and Genetics
		PG- MB (08)- S3-T2	Paper–X Recombinant DNA Technology and Nanobiotechnology

		PG- MB (08)- S3-T3-EL1	Paper–XI Microbial Diversity Evolution and Ecology-I/ Bioinformatics - I
		PG- MB (08)- S3-T4-FC1	Paper–XII Drugs and Disease Management/ General Microbiology
		PG- MB (08)- S3-P1	Practical –V Laboratory Exercise 5
		PG- MB (08)- S3-P2	Practical –VI Laboratory Exercise 6
		PG- MB (08)- S4-T1	Paper–XIII - Virology
		PG- MB (08)- S4-T2	Paper–XIV Microbial Fermentation and Technology.
		PG- MB (08)- S4-T3-EL2	Paper–XV Microbial Diversity Evolution and Ecology II /Bioinformatics II
		PG- MB (08)- S4-T4-FC2	Paper–XVI Vaccines and Delivery System / Advanced Microbiology
		PG- MB (08)- S4-P1	Practical –VII Laboratory Exercise 7
		PG- MB (08)- S4-PJ	Practical –VIII Project Work
CC	Certificate Course	CC- CLT	Clinical Laboratory Techniques
		CC- HHP	Herb & Herbal Product
		CC_ SAR	Statistical Analysis Using R
		CC-NT	Nanosense: Certificate Course in Nanotechnology
2018-19			
UG	Under graduate (Bachelor of Science)		
UG–PHY (01) – T	Physics (UG)	UG-PHY (01) - S1 – T	Physics I
		UG-PHY (01) - S1 – P	Physics Laboratory - 1
		UG-PHY (01) - S2 - T	Physics II
		UG-PHY (01) - S2 - P	Physics Laboratory - 2
		UG-PHY (01) - S3 – T	Physics III
		UG-PHY (01) - S3 – P	Physics Laboratory - 3
		UG-PHY (01) - S4 – T	Physics IV
		UG-PHY (01) - S4 – P	Physics Laboratory - 4
UG –CHEM(02)	Chemistry (UG)	UG –CHEM(02)-S1-T	Fundamentals of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S1-P	Fundamentals of Practical Chemistry
		UG –CHEM(02)-S2-T	Concepts of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S2-P	Concepts of Practical Chemistry
		UG –CHEM(02)-S3-T	Elements of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S3-P	Elements of Practical Chemistry
		UG –CHEM(02)-S4-T	Concise Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S4-P	Concise Practical Chemistry
UG-MTH(03)	Mathematics (UG)	UG-MTH(03)-S1-T1	M-1: Elementary Mathematics
		UG-MTH(03)-S1-T2	M-2: Differential and Integral Calculus
		UG-MTH(03)-S2-T1	M-3: Geometry, Differential & Difference Equations
		UG-MTH(03)-S2-T2	M-4: Vector Analysis
		UG-MTH(03)-S3-T1	M-5: Advanced Calculus & Graph theory
		UG-MTH(03)-S3-T2	M-6: Mathematical Methods
		UG-MTH(03)-S4-T1	M-7: Partial Differential Equations & Calculus of Variation

		UG-MTH(03)-S4-T2	M-8: Mechanics
UG-ELE (04)	Electronics (UG)	UG-ELE (04)-S1-T	Analogue and Digital Electronics - I
		UG-ELE (04)-S1-P	Analogue and Digital Electronics - I - Practical
		UG-ELE (04)-S2-T	Analogue and Digital Electronics - II
		UG-ELE (04)-S2-P	Analogue and Digital Electronics - II - Practical
		UG-ELE (04)-S3-T	Op-Amp, Power Supply, IC 555 and Circuit Maker
		UG-ELE (04)-S3-P	Op-Amp, Power Supply, IC 555 and Circuit Maker - Practical
		UG-ELE (04)-S4-T	OP-AMP Applications & Electronic Instrumentation
		UG-ELE (04)-S4-P	OP-AMP Applications & Electronic Instrumentation - Practical
UG-CS(05)	Computer Science (UG)	UG-CS(05)-S1-T	Fundamentals of Information Technology and Programming in 'C'
		UG-CS(05)-S1-P	Fundamentals of Information Technology and Programming in 'C' - Practical
		UG-CS(05)-S2-T	Object Oriented Programming using 'C++' and System
		UG-CS(05)-S2-P	Object Oriented Programming using 'C++' and System Analysis and Design - Practical
		UG-CS(05)-S3-T	Data Structures and Operating Systems
		UG-CS(05)-S3-P	Data Structures and Operating Systems - Practical
		UG-CS(05)-S4-T	Java Programming and Linux Operating System
		UG-CS(05)-S4-P	Java Programming and Linux Operating System - Practical
UG-BOT (06)	Botany (UG)	UG-BOT (06) - S1-T	Plant Diversity & Applications of Microbes
		UG-BOT (06) - S1-P	Practicals Based on Plant Diversity & Applications of Microbes
		UG-BOT (06) – S2-T	Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG- BOT (06)-S2-P	Practicals Based on Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG-BOT (06) – S3-T	Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG- BOT (06)-S3-P	Practicals Based on Angiosperms Taxonomy, Cell Biology, Plant Breeding and Plant Micro technique
		UG-BOT (06) – S4-T	Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
		UG- BOT (06)-S4-P	Practicals Based on Anatomy, Embryology, Genetics, Molecular Biology and Plant Analytical techniques
UG-ZOO(07)	Zoology (UG)	UG-ZOO(07)-S1-T	Life and diversity of animals – non chordates
		UG-ZOO(07)-S1-P	Life and diversity of animals – non chordates - Practical
		UG-ZOO(07)-S2-T	Life and diversity of animals –chordates
		UG-ZOO(07)-S2-P	Life and diversity of animals –chordates - Practical
		UG-ZOO(07)-S3-T	Cell biology and environmental biology
		UG-ZOO(07)-S3-P	Cell biology and environmental biology - Practical
		UG-ZOO(07)-S4-T	Genetics and molecular biology

		UG-ZOO(07)-S4-P	Genetics and molecular biology - Practical
UG-MB (08)	Microbiology (UG)	UG-MB (08)-S1-T	History and Microbial Morphology.
		UG-MB (08)-S1-P	Microbiology Practical-I
		UG-MB (08)-S2-T	Microbial Techniques.
		UG-MB (08)-S2-P	Microbiology Practical-II
		UG-MB (08)-S3-T	Chemistry of Organic Constituents, Enzymology and Metabolism.
		UG-MB (08)-S3-P	Microbiology Practical-III
		UG-MB (08)-S4-T	Industrial and Applied Microbiology
		UG-MB (08)-S4-P	Microbiology Practical-IV
UG-BT(09)	Biotechnology (UG)	UG-BT(09)-S1-T	Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S1-P	Practicals-Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S2-T	Microbiology, Cell Biology and Enzymology
		UG-BT(09)-S2-P	Microbiology, Cell Biology and Enzymology - Practical
		UG-BT(09)-S3-T	Metabolism and Biophysical Techniques I
		UG-BT(09)-S3-P	Metabolism and Biophysical Techniques I - Practical
		UG-BT(09)-S4-T	Immunology and Biophysical Techniques II
		UG-BT(09)-S4-P	Immunology and Biophysical Techniques II - Practical
UG-ENG(10)	Compulsory English (UG)	UG-ENG(10)-S1-T	Compulsory English
		UG-ENG(10)-S2-T	Compulsory English
UG-S.E.(11)	Supplementary English	UG-S.E.(11)-S1-T	Supplementary English
		UG-S.E.(11)-S2-T	Supplementary English
UG-H(12)-S1	Hindi (UG)	UG-H(12)-S1-T	Hindi
		UG-H(12)-S2-T	Hindi
UG-M(13)-S1	Marathi (UG)	UG-M(13)-S1-T	Marathi
		UG-M(13)-S2-T	Marathi
UG-ES(14)	Environmental Studies	UG-ES(14)-S4-T	Environmental Studies (Sem III)
PG	Post Graduate (Master of Science)		
PG –CHEM(02)	MSc Chemistry	PG –CHEM(02)-S1-T1	Paper – I Inorganic Chemistry
		PG –CHEM(02)-S1-T2	Paper – II Organic Chemistry
		PG –CHEM(02)-S1-T3	Paper – III Physical Chemistry
		PG –CHEM(02)-S1-T4	Paper – IV Analytical Chemistry
		PG –CHEM(02)-S1-P1	Practical-I Inorganic Chemistry
		PG –CHEM(02)-S1-P2	Practical-II Physical Chemistry
		PG –CHEM(02)-S2-T1	Paper – V Inorganic Chemistry
		PG –CHEM(02)-S2-T2	Paper – VI Organic Chemistry
		PG –CHEM(02)-S2-T3	Paper – VII Physical Chemistry
		PG –CHEM(02)-S2-T4	Paper – VIII Analytical Chemistry
		PG –CHEM(02)-S2-P1	Practical-III Organic Chemistry
		PG –CHEM(02)-S2-P2	Practical-IV Analytical Chemistry
		PG –CHEM(02)-S3-T1SP1	Paper-IX Special I-Organic Chemistry
		PG –CHEM(02)-S3-T2SP2	Paper-X Special II-Organic Chemistry

	Chemistry	PG –CHEM(02)-S3-T3EL1	Paper–XI Elective - Environmental Chemistry I/ Polymer Chemistry I/ Medicinal Chemistry I
		PG –CHEM(02)-S3-T4	Paper–XII Spectroscopy – I (Core Subject Centric)
		PG –CHEM(02)-S3-P1	Practical –V Special Organic Chemistry Practical I
		PG –CHEM(02)-S3-P2	Practical –VI Elective – Environmental/ Polymer/ Medicinal Practical
		PG –CHEM(02)-S4-T1SP1	Paper–XIII Special I - Organic Chemistry
		PG –CHEM(02)-S4-T2SP2	Paper–XIV Special II- Organic Chemistry
		PG –CHEM(02)-S4-T3EL2	Paper–XV Elective - Environmental Chemistry II/ Polymer Chemistry II/ Medicinal Chemistry II
		PG –CHEM(02)-S4-T4	Paper–XVI Spectroscopy – II (Core Subject Centric)
		PG –CHEM(02)-S4-P1	Practical –VII Special Organic Chemistry Practical II
		PG –CHEM(02)-S4-P2	Practical –VIII Project
PG –BOT(06)	MSc Botany	PG –BOT(06)-S1-T1	Paper – I Microbiology, Algae, Fungi, Microscopy & Centrifugation
		PG –BOT(06)-S1-T2	Paper – II Bryophytes, Pteridophytes & Plant Microtechniques.
		PG –BOT(06)-S1-T3	Paper – III Paleobotany, Gymnosperms, Spectrophotometry & Chromatography
		PG –BOT(06)-S1-T4	Paper – IV Cytogenetics & Cell/Tissue Structure Methodology
		PG –BOT(06)-S1-P1	Practical–I Based on Paper I and Paper II
		PG –BOT(06)-S1-P2	Practical–II Based on Paper III and Paper IV
		PG –BOT(06)-S2-T1	Paper – V Plant Physiology, Biochemistry & Analytical Pharmacognosy.
		PG –BOT(06)-S2-T2	Paper – VI Plant Development, Reproduction & Phytochemistry.
		PG –BOT(06)-S2-T3	Paper – VII Cell, Molecular Biology-I & Data Collection, Documentation & Photography.
		PG –BOT(06)-S2-T4	Paper – VIII Angiosperms-I, Ethnobotany & Scientific Writing.
		PG –BOT(06)-S2-P1	Practical–III Based on Paper V and Paper VI
		PG –BOT(06)-S2-P2	Practical–IV Based on Paper VII and Paper VIII
		PG –BOT(06)-S3-T1	Paper–IX Plant Ecology, Conservation, Herbal Cosmetics & Medicine.
		PG –BOT(06)-S3-T2	Paper–X Angiosperms- II & Plant Nursery Management.
		PG –BOT(06)-S3-T3-SP1	Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S3-T3-SP2	Paper–XI Mycology & Plant Pathology-I.
		PG –BOT(06)-S3-T4-EL1	Paper–XII Aesthetic Botany.
		PG –BOT(06)-S3-P1	Practical –V Based on Paper IX and Paper X
		PG –BOT(06)-S3-P2	Practical –VI Based on Paper–XI Molecular Biology & Plant Biotechnology-I
		PG –BOT(06)-S4-T1	Paper–XIII Cell & Molecular Biology-II
		PG –BOT(06)-S4-T2	Paper–XIV Plant Biotechnology & Bioinformatics.
		PG –BOT(06)-S4-T3-SP1	Paper–XV Molecular Biology & Plant Biotechnology-II

		PG –BOT(06)-S4-T3-SP2	Paper–XV Mycology & Plant Pathology-II.
		PG –BOT(06)-S4-T4-EL2	Paper–XVI Plant Resources.
		PG –BOT(06)-S4-P1	Practical –VII Based on Paper XIII and Paper XIV
		PG –BOT(06)-S4-P2	Practical –VIII Based on Research Project
PG- ZOO (07)	MSc Zoology	PG- ZOO (07)- S1-T1	Paper – I Structure and Function of Invertebrates
		PG- ZOO (07)- S1-T2	Paper – II General Physiology
		PG- ZOO (07)- S1-T3	Paper – III Cell Biology and Genetics
		PG- ZOO (07)- S1-T4	Paper – IV Advance Reproductive Biology
		PG- ZOO (07)- S1-P1	Practical–I Structure and Function of Invertebrates and General Physiology
		PG- ZOO (07)- S1-P2	Practical–II Cell Biology, Genetics and Advanced Reproductive Biology
		PG- ZOO (07)- S2-T1	Paper – V Structure and Function of Vertebrates
		PG- ZOO (07)- S2-T2	Paper – VI Comparative Endocrinology
		PG- ZOO (07)- S2-T3	Paper – VII Molecular Biology and Biotechnology
		PG- ZOO (07)- S2-T4	Paper – VIII Advanced Developmental Biology
		PG- ZOO (07)- S2-P1	Practical–III Structure and Function of Vertebrates and Comparative Endocrinology
		PG- ZOO (07)- S2-P2	Practical–IV Molecular Biology, Biotechnology and Developmental Biology
		PG- ZOO (07)- S3-T1	Paper–IX Parasitology and Immunology
		PG- ZOO (07)- S3-T2-SP1	Paper–X Special Group –Animal Physiology –I
		PG- ZOO (07)- S3-T3-EL1	Paper–XI Special Group –Animal Physiology –II
		PG- ZOO (07)- S3-T4-FC1	Paper–XII Wild Life Ecology and Behavior (Core Subject Centric)
		PG- ZOO (07)- S3-P1	Practical –V Parasitology and Immunology
		PG- ZOO (07)- S3-P2	Practical –VI Special Group- Animal Physiology
		PG- ZOO (07)- S4-T1	Paper–XIII Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics
		PG- ZOO (07)- S4-T2-SP2	Paper–XIV Elective III Special Group- Animal Physiology- III Physiology of Brain, Nerve and Muscle
		PG- ZOO (07)- S4-T3-EL2	Paper–XV Elective IV - Special Group –Animal Physiology –IV Physiology of Respiration and Reproduction
		PG- ZOO (07)- S4-T4-FC2	Paper–XVI Radiation and Chronobiology (Core Subject Centric)
		PG- ZOO (07)- S4-P1	Practical –VII Special Group –Animal Physiology
		PG- ZOO (07)- S4-PJ	Practical –VIII Project
		PG- MB (08)- S1-T1	Paper – I Microbial Metabolism
		PG- MB (08)- S1-T2	Paper – II Enzymology and Techniques
		PG- MB (08)- S1-T3	Paper – III Advance Techniques in Microbiology
		PG- MB (08)- S1-T4	Paper – IV Membrane Structure and Signal Transduction
		PG- MB (08)- S1-P1	Practical–I Laboratory Exercise 1
		PG- MB (08)- S1-P2	Practical–II Laboratory Exercise 2
		PG- MB (08)- S2-T1	Paper – V Microbial Methods for Environment Management

PG- MB (08)	MSc Microbiology	PG- MB (08)- S2-T2	Paper – VI Microbial Metabolites
		PG- MB (08)- S2-T3	Paper – VII Medical Microbiology and Parasitology
		PG- MB (08)- S2-T4	Paper – VIII Immunology and Immunodiagnostics
		PG- MB (08)- S2-P1	Practical–III Laboratory Exercise 3
		PG- MB (08)- S2-P2	Practical–IV Laboratory Exercise 4
		PG- MB (08)- S3-T1	Paper–IX Molecular Biology and Genetics
		PG- MB (08)- S3-T2	Paper–X Recombinant DNA Technology and Nanobiotechnology
		PG- MB (08)- S3-T3-EL1	Paper–XI Microbial Diversity Evolution and Ecology-I/ Bioinformatics - I
		PG- MB (08)- S3-T4-FC1	Paper–XII Drugs and Disease Management/ General Microbiology
		PG- MB (08)- S3-P1	Practical –V Laboratory Exercise 5
		PG- MB (08)- S3-P2	Practical –VI Laboratory Exercise 6
		PG- MB (08)- S4-T1	Paper–XIII - Virology
		PG- MB (08)- S4-T2	Paper–XIV Microbial Fermentation and Technology.
		PG- MB (08)- S4-T3-EL2	Paper–XV Microbial Diversity Evolution and Ecology II /Bioinformatics II
		PG- MB (08)- S4-T4-FC2	Paper–XVI Vaccines and Delivery System / Advanced Microbiology
		PG- MB (08)- S4-P1	Practical –VII Laboratory Exercise 7
		PG- MB (08)- S4-PJ	Practical –VIII Project Work
CC	Certificate Course	CC- CLT	Clinical Laboratory Techniques
		CC- HHP	Herb & Herbal Product
		CC_ SAR	Statistical Analysis Using R
2017-18			
UG	Under graduate (Bachelor of Science)		
UG–PHY (01) – T	Physics (UG)	UG-PHY (01) - S1 – T	Physics I
		UG-PHY (01) - S1 – P	Physics Laboratory - 1
		UG-PHY (01) - S2 - T	Physics II
		UG-PHY (01) - S2 - P	Physics Laboratory - 2
UG –CHEM(02)	Chemistry (UG)	UG –CHEM(02)-S1-T	Fundamentals of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S1-P	Fundamentals of Practical Chemistry
		UG –CHEM(02)-S2-T	Concepts of Inorganic, Organic & Physical Chemistry
		UG-CHEM(02)-S2-P	Concepts of Practical Chemistry
UG-MTH(03)	Mathematics (UG)	UG-MTH(03)-S1-T1	M-1: Elementary Mathematics
		UG-MTH(03)-S1-T2	M-2: Differential and Integral Calculus
		UG-MTH(03)-S2-T1	M-3: Geometry, Differential & Difference Equations
		UG-MTH(03)-S2-T2	M-4: Vector Analysis
UG-ELE (04)	Electronics (UG)	UG-ELE (04)-S1-T	Analogue and Digital Electronics - I
		UG-ELE (04)-S1-P	
		UG-ELE (04)-S2-T	Analogue and Digital Electronics - II
		UG-ELE (04)-S2-P	
UG-CS(05)	Computer	UG-CS(05)-S1-T	Fundamentals of Information Technology and Programming in 'C'
		UG-CS(05)-S1-P	

UG-CS(05)	Science (UG)	UG-CS(05)-S2-T	Object Oriented Programming using 'C++' and System Analysis and Design
		UG-CS(05)-S2-P	
UG-BOT (06)	Botany (UG)	UG-BOT (06) - S1-T	Plant Diversity & Applications of Microbes
		UG-BOT (06) - S1-P	Practicals Based on Plant Diversity & Applications of Microbes
		UG-BOT (06) – S2-T	Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
		UG- BOT (06)-S2-P	Practicals Based on Pteridophyta, Paleobotany, Gymnosperms, Morphology of Angiosperms & Scientific Report writing
UG-ZOO(07)	Zoology (UG)	UG-ZOO(07)-S1-T	Life and diversity of animals – non chordates
		UG-ZOO(07)-S1-P	Life and diversity of animals – non chordates - Practical
		UG-ZOO(07)-S2-T	Life and diversity of animals –chordates
		UG-ZOO(07)-S2-P	Life and diversity of animals –chordates - Practical
UG-MB (08)	Microbiology (UG)	UG-MB (08)-S1-T	History and Microbial Morphology.
		UG-MB (08)-S1-P	Microbiology Practical-I
		UG-MB (08)-S2-T	Microbial Techniques.
		UG-MB (08)-S2-P	Microbiology Practical-II
UG-BT(09)	Biotechnology (UG)	UG-BT(09)-S1-T	Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S1-P	Practicals-Fundamentals of Biotechnology and Biomolecules
		UG-BT(09)-S2-T	Microbiology, Cell Biology and Enzymology
		UG-BT(09)-S2-P	Microbiology, Cell Biology and Enzymology - Practical
UG-ENG(10)	Compulsory English (UG)	UG-ENG(10)-S1-T	Compulsory English
		UG-ENG(10)-S2-T	Compulsory English
UG-S.E.(11)	Supplementary English	UG-S.E.(11)-S1-T	Supplementary English
		UG-S.E.(11)-S2-T	Supplementary English
UG-H(12)-S1	Hindi (UG)	UG-H(12)-S1-T	Hindi
		UG-H(12)-S2-T	Hindi
UG-M(13)-S1	Marathi (UG)	UG-M(13)-S1-T	Marathi
		UG-M(13)-S2-T	Marathi
PG	Post Graduate (Master of Science)		
PG –CHEM(02)	MSc Chemistry	PG –CHEM(02)-S1-T1	Paper – I Inorganic Chemistry
		PG –CHEM(02)-S1-T2	Paper – II Organic Chemistry
		PG –CHEM(02)-S1-T3	Paper – III Physical Chemistry
		PG –CHEM(02)-S1-T4	Paper – IV Analytical Chemistry
		PG –CHEM(02)-S1-P1	Practical–I Inorganic Chemistry
		PG –CHEM(02)-S1-P2	Practical–II Physical Chemistry
		PG –CHEM(02)-S2-T1	Paper – V Inorganic Chemistry
		PG –CHEM(02)-S2-T2	Paper – VI Organic Chemistry
		PG –CHEM(02)-S2-T3	Paper – VII Physical Chemistry
		PG –CHEM(02)-S2-T4	Paper – VIII Analytical Chemistry
		PG –CHEM(02)-S2-P1	Practical–III Organic Chemistry
		PG –CHEM(02)-S2-P2	Practical–IV Analytical Chemistry
		PG –BOT(06)-S1-T1	Paper – I Microbiology, Algae, Fungi, Microscopy & Centrifugation

PG –BOT(06)	MSc Botany	PG –BOT(06)-S1-T2	Paper – II Bryophytes, Pteridophytes & Plant Microtechniques.
		PG –BOT(06)-S1-T3	Paper – III Paleobotany, Gymnosperms, Spectrophotometry & Chromatography
		PG –BOT(06)-S1-T4	Paper – IV Cytogenetics & Cell/Tissue Structure Methodology
		PG –BOT(06)-S1-P1	Practical–I Based on Paper I and Paper II
		PG –BOT(06)-S1-P2	Practical–II Based on Paper III and Paper IV
		PG –BOT(06)-S2-T1	Paper – V Plant Physiology, Biochemistry & Analytical Pharmacognosy.
		PG –BOT(06)-S2-T2	Paper – VI Plant Development, Reproduction & Phytochemistry.
		PG –BOT(06)-S2-T3	Paper – VII Cell, Molecular Biology-I & Data Collection, Documentation & Photography.
		PG –BOT(06)-S2-T4	Paper – VIII Angiosperms-I, Ethnobotany & Scientific Writing.
		PG –BOT(06)-S2-P1	Practical–III Based on Paper V and Paper VI
		PG –BOT(06)-S2-P2	Practical–IV Based on Paper VII and Paper VIII
PG- ZOO (07)	MSc Zoology	PG- ZOO (07)- S1-T1	Paper – I Structure and Function of Invertebrates
		PG- ZOO (07)- S1-T2	Paper – II General Physiology
		PG- ZOO (07)- S1-T3	Paper – III Cell Biology and Genetics
		PG- ZOO (07)- S1-T4	Paper – IV Advance Reproductive Biology
		PG- ZOO (07)- S1-P1	Practical–I Structure and Function of Invertebrates and General Physiology
		PG- ZOO (07)- S1-P2	Practical–II Cell Biology, Genetics and Advanced Reproductive Biology
		PG- ZOO (07)- S2-T1	Paper – V Structure and Function of Vertebrates
		PG- ZOO (07)- S2-T2	Paper – VI Comparative Endocrinology
		PG- ZOO (07)- S2-T3	Paper – VII Molecular Biology and Biotechnology
		PG- ZOO (07)- S2-T4	Paper – VIII Advanced Developmental Biology
		PG- ZOO (07)- S2-P1	Practical–III Structure and Function of Vertebrates and Comparative Endocrinology
		PG- ZOO (07)- S2-P2	Practical–IV Molecular Biology, Biotechnology and Developmental Biology
PG- MB (08)	MSc Microbiology	PG- MB (08)- S1-T1	Paper – I Microbial Metabolism
		PG- MB (08)- S1-T2	Paper – II Enzymology and Techniques
		PG- MB (08)- S1-T3	Paper – III Advance Techniques in Microbiology
		PG- MB (08)- S1-T4	Paper – IV Membrane Structure and Signal Transduction
		PG- MB (08)- S1-P1	Practical–I Laboratory Exercise 1
		PG- MB (08)- S1-P2	Practical–II Laboratory Exercise 2
		PG- MB (08)- S2-T1	Paper – V Microbial Methods for Environment Management
		PG- MB (08)- S2-T2	Paper – VI Microbial Metabolites
		PG- MB (08)- S2-T3	Paper – VII Medical Microbiology and Parasitology
		PG- MB (08)- S2-T4	Paper – VIII Immunology and Immunodiagnostics
		PG- MB (08)- S2-P1	Practical–III Laboratory Exercise 3
		PG- MB (08)- S2-P2	Practical–IV Laboratory Exercise 4
CC	Certificate Course	CC- CLT	Clinical Laboratory Techniques
		CC- HHP	Herb & Herbal Product

	COURSE	CC_SAR	Statistical Analysis Using R
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