

Swami RamanandTeerthMarathwada University, Nanded.

EXAMINATION PROGRAMME

B.Sc. I, II year (Theory + MCQ Pattern) & III year (Theory Pattern) (Regular & Backlog) Examination Summer– 2019

The Examination shall be held on days & dates mentioned below at all Centres simultaneously.

Timing	
II & V Semester : 10:00 am to 12:00 noon	IV Semester : 02:00 pm to 04:00 pm
I & VI Semester : 10:00 am to 12:00 noon	III Semester : 02:00 pm to 04:00 pm

Sr.No.	Subject & Paper No.	Sr.No.	Subject & Paper No.
FRIDAY 15.03.2019		DAY: 01	
01	B.Sc. II Semester (01) English (Compulsory)	02	B.Sc. IV Semester SECOND LANGUAGE
1001	B.Sc. V Semester Environmental Study (Compulsory)(CBCS)	03	(03) Hindi
		04	(04) Marathi
		05	(05) Urdu (Old)
		06	(06) Urdu (New)
		07	(07) Sanskrit
		08	(08) Pali
		09	(09) Additional English
			(10) Kannada
SATURDAY 16.03.2019		DAY: 02	
10	B.Sc. I Semester SECOND LANGUAGE (11) Hindi	20	B.Sc. III Semester (32) English (Compulsory)
11	(12) Marathi		
12	(13) Urdu		
13	(14) Sanskrit		
14	(15) Pali		
15	(16) Additional English		
16	(17) Kannada		
	B.Sc. VI Semester CHEMISTRY		
17	Organic Chem. Inorganic Chemistry – XIV (CBCS) A1 OR		
18	Organic Chem. Inorganic Chemistry – XIV (CBCS) A2		
19	Organic Chem. Inorganic Chemistry – XIV (CGPA)		

MONDAY 18.03.2019		DAY: 03	
21	B.Sc. II Semester SECOND LANGUAGE (33) Hindi	30	B.Sc. IV Semester (54) English (Compulsory)
22	(34) Marathi		
23	(35) Urdu		
24	(36) Sanskrit		
25	(37) Pali		
26	(38) Additional English		
27	(39) Kannada		
28	B.Sc. V Semester CHEMISTRY Organic Chem + Inorganic Chemistry – XII (CBCS)		
29	Organic Chem + Inorganic Chemistry – XII (CGPA)		
TUESDAY 19.03.2019		DAY: 04	
31	B.Sc. I Semester (55) English Compulsory	34 35 36 37 38 39 40 41	B.Sc. III Semester SECOND LANGUAGE (70) Hindi (71) Marathi (72) Urdu (Old) (73) Urdu (New) (74) Sanskrit (75) Pali (76) Additional English (77) Kannada
32	B.Sc. VI Semester CHEMISTRY Physical Chem.+ Inorganic Chemistry- XV (CBCS)		
33	Physical Chem.+ Inorganic Chemistry- XV (CGPA)		
WEDNESDAY 20.03.2019		DAY: 05	
42	B.Sc. II Semester CHEMISTRY Organic & Inorganic Chemistry – III (CBCS/CGPA)	46	B.Sc. IV Semester CHEMISTRY Organic & Inorganic Chemistry – VIII (CBCS/CGPA)
43	B.Sc. V Semester CHEMISTRY Physical Chem+ Inorganic Chemistry –XIII (Regular)(CBCS) OR		
44	Physical Chem+Inorganic Chemistry –XIII (Elective) (CBCS)		
45	Physical Chem+ Inorganic Chemistry –XIII (CGPA)		
FRIDAY 22.03.2019		DAY: 06	
47	B.Sc. I Semester CHEMISTRY Organic & Inorganic Chemistry – I- (CBCS/CGPA)	52	B.Sc. III Semester CHEMISTRY Organic Chemistry + Inorganic Chemistry – VI (CBCS/CGPA)

	B.Sc. VI Semester BOTANY 48 Plant Metabolism Biochemistry & Biotechnology (CBCS) 49 Biochemistry & Biotechnology-XIV- (CGPA) MATHEMATICS 50 Numerical Analysis –XV (CBCS) 51 Numerical Analysis (MT-304) – XVI (CGPA)		
MONDAY 25.03.2019		DAY: 07	
53	B.Sc. II Semester CHEMISTRY Physical & Inorganic Chemistry – IV (CBCS/CGPA) B.Sc. V Semester BOTANY 54 Plant Physiology – XII (CBCS) 55 Plant Physiology – XII (CGPA) MATHEMATICS 56 Metric Spaces – XII (CBCS) 57 Metric Spaces (MT-301) – XIII (CGPA)	58	B.Sc. IV Semester CHEMISTRY Physical & Inorganic Chemistry – IX (CBCS/CGPA)
TUESDAY 26.03.2019		DAY: 08	
59	B.Sc. I Semester CHEMISTRY Physical & Inorganic Chemistry -II- (CBCS/CGPA) B.Sc. VI Semester BOTANY Optional- XV (CBCS) 60 1 Plant Pathology – II OR 61 2 Systematic Botany – II OR 62 3 Herbal Technology – II Optional- XV (CGPA) 63 1 Plant Pathology – II OR 64 2 Systematic Botany – II OR 65 3 Applied Economics Botany – II OR 66 4 Herbal Technology - II MATHEMATICS 67 Integral Transforms-XVI-(CBCS) 68 Integral Transforms-XVII-(CGPA)	69	B.Sc. III Semester CHEMISTRY Physical Chemistry + Inorganic Chemistry – VII (CBCS/CGPA)

WEDNESDAY 27.03.2019		DAY: 09	
70	B.Sc. II Semester BOTANY Diversity of Cryptogams – III (CBCS/CGPA)	81	B.Sc. IV Semester BOTANY Gymnosperms & Palaebotany – VIII (CBCS/CGPA)
71	MATHEMATICS Integral Calculus – III (CBCS/CGPA)	82	MATHEMATICS Real Analysis-II – IX (CBCS/CGPA)
72	B.Sc. V Semester BOTANY Optional-XIII (CBCS) 1. Plant Pathology – I		
73	2. Systematic Botany – I		
74	3. Herbal Technology – I		
75	Optional-XIII (CGPA) 1. Plant Pathology – I		
76	2. Systematic Botany – I		
77	3. Applied Economic Botany – I		
78	4. Herbal Technology – I		
79	MATHEMATICS Linear Algebra – XIII (CBCS)		
80	Linear Algebra (MT-302) – XIV (CGPA)		
THURSDAY 28.03.2019		DAY: 10	
83	B.Sc. I Semester BOTANY Diversity of Microbes – I-(CBCS/CGPA)	90	B.Sc. III Semester BOTANY Morphology and Taxonomy of Angiosperms - VI (CBCS/CGPA)
84	MATHEMATICS Differential Calculus – I-(CBCS/CGPA)	91	MATHEMATICS Real Analysis- I-VI (CBCS/CGPA)
85	B.Sc. VI Semester MATHEMATICS Topology-XVII (CBCS) OR		
86	Mechanics-XVII(CBCS) OR		
87	Elementary Number Theory-XVII (CBCS)		
88	Topology – XVIII (CGPA) OR		
89	Mechanics – II (Dynamics) – XVIII (CGPA)		
FRIDAY 29.03.2019		DAY: 11	
92	B.Sc. II Semester BOTANY Genetics and Plant Breeding – IV (CBCS/CGPA)	99	B.Sc. IV Semester BOTANY Ecology & Environmental Biology – IX (CBCS/CGPA)
93	MATHEMATICS Geometry – IV (CBCS/CGPA)	100	MATHEMATICS Ring Theory- X(CBCS/CGPA)

94	B.Sc. V Semester MATHEMATICS Operation Research – XIV (CBCS) OR		
95	Mechanics – I – XIV (CBCS) OR		
96	Complex Analysis –XIV (CBCS)		
97	Operation Research – XV (CGPA) OR		
98	Mechanics – I (Statics) – XV (CGPA)		
SATURDAY 30.03.2019 DAY: 12			
101	B.Sc. I Semester BOTANY Cell and Molecular Biology – II- (CBCS/CGPA)	107	B.Sc. III Semester BOTANY Histology, Anatomy & Embryology of Angiosperms – VII (CBCS/CGPA)
102	MATHEMATICS Algebra and Trigonometry – II- (CBCS/CGPA)	108	MATHEMATICS Group Theory – VII (CBCS/CGPA)
103	B.Sc. VI Semester PHYSICS Atomic Molecular & Nuclear Physics- XIV (CBCS)		
104	Atomic Molecular & Nuclear Physics (PHY304) – XIV (CGPA)		
105	ZOOLOGY Ethnology, Biometry & Bioinformatics – XIV (CBCS)		
106	Ethnology, Biometry & Bioinformatics – XIV (CGPA)		
MONDAY 01.04.2019 DAY: 13			
109	B.Sc. II Semester PHYSICS Heat & Thermodynamic-III (CBCS)	115	B.Sc. IV Semester MATHEMATICS (Only for B.Sc.) Partial Differential Equation –XI (CBCS/CGPA)
110	ZOOLOGY Life and Diversity of Animals (II) – III (CBCS/CGPA)		
111	B.Sc. V Semester PHYSICS Quantum Mechanics – XII (CBCS)		
112	Quantum Mechanics (PHY-302) – XII (CGPA)		
113	ZOOLOGY Ecology & Zoogeography- XII (CBCS)		
114	Ecology & Zoogeography- XII (CGPA)		

TUESDAY 02.04.2019		DAY: 14	
116	B.Sc. I Semester PHYSICS Mechanics and Properties of Matter (Phy-111) – I-(CBCS/CGPA)	131	B.Sc. III Semester MATHEMATICS(Only for B.Sc.) Ordinary Differential Equations-VIII (CBCS/CGPA)
117	ZOOLOGY Life and Diversity of Animals (I)(Non-Chordata) – I-(CBCS/CGPA)		
B.Sc. VI Semester			
118	PHYSICS Digital & Communication Electronics-XV (CBCS) OR		
119	Linear and Digital Integrated Circuits-XV (CBCS) OR		
120	Fiber Optics Communication-XV (CBCS)		
121	Digital & Communication Electronics (PHY305) – XV-(CGPA) OR		
122	Solar Energy (PHY306)-XV (CGPA)		
ZOOLOGY (Elective)-XV			
123	A Aquaculture (CBCS) OR		
124	B Applied Parasitology – II (CBCS) OR		
125	C Entomology – II (CBCS) OR		
126	D Environmental Biology – II (CBCS)		
Elective)-XV			
127	A Pesticulture – II- (CGPA) OR		
128	B Applied Parasitology – II- (CGPA) OR		
129	C Entomology – II (CGPA) OR		
130	D Environmental Biology – II (CGPA)		
WEDNESDAY 03.04.2019		DAY: 15	
132	B.Sc. II Semester PHYSICS Electricity & Magnetism – IV (CBCS)	147	B.Sc. IV Semester PHYSICS Optics & Lasers (Phy 221) – VIII (CBCS/CGPA)
133	ZOOLOGY Developmental Biology – IV (CBCS/CGPA)	148	ZOOLOGY Genetic Engineering and Evolution – VIII (CBCS/CGPA)
B.Sc. V Semester			
134	PHYSICS Solid State Physics – XIII (CBCS) OR		
135	Solar Energy-XIII (CBCS) OR		
136	Astrophysics (PHY-303)– XIII (CBCS)		
137	Solid State Physics –(New) - XIII (CGPA) OR		
138	Astrophysics (PHY-303)– XIII (CGPA)		

	ZOOLOGY Applied Zoology – XIII (CBCS)		
139	a. Pisciculture OR		
140	b. Applied Parasitology-I OR		
141	c. Entomology – I OR		
142	d. Environmental Biology-I		
	Applied Zoology – XIII (CGPA)		
143	a. Aquaculture-I OR		
144	b. Parasitology (Parasitic Protozoa & Platy helminthes) –I OR		
145	c. (Entomology - I) –I OR		
146	d. Environmental Biology-I OR		
THURSDAY 04.04.2019 DAY: 16			
	B.Sc. I Semester PHYSICS Mathematical Methods in Physics(Phy-112)-II-(CBCS/CGPA)	155	B.Sc. III Semester PHYSICS Waves, Oscillations & Acoustics – VI (CBCS/CGPA)
149			
	ZOOLOGY Cell Biology – II-(CBCS/CGPA)	156	ZOOLOGY Genetics – VI (CBCS/CGPA)
150			
	B.Sc. VI Semester STATISTICS Design of Experiments – XIV (CBCS)		
151			
152	Design of Experiments – XIV (CGPA)		
	MICROBIOLOGY Molecular Biology-XIV (CBCS)		
153			
154	Molecular Biology-XIV (CGPA)		
FRIDAY 05.04.2019 DAY: 17			
	B.Sc. II Semester BIOPHYSICS Biostatistics and Computer Fundamentals –III (CBCS/CGPA)	162	B.Sc. IV Semester PHYSICS Basic Electronics (Phy 222) – IX (CBCS/CGPA)
157			
	B.Sc. V Semester STATISTICS Survey Sampling – XII (CBCS)	163	ZOOLOGY Endocrinology, Histology and Biochemistry – IX (CBCS/CGPA)
158			
159	Survey Sampling – XII (CGPA)		
	MICROBIOLOGY Microbial Genetics – XII (CBCS)		
160			
161	Microbial Genetics – XII (CGPA)		
MONDAY 08.04.2019 DAY: 18			
	B.Sc. I Semester BIOPHYSICS Molecular Biophysics–I-(CBCS/CGPA)	172	B.Sc. III Semester PHYSICS Statistical Physics, Electromagnetic Theory & Relativity – VII (CBCS/CGPA)
164			
		173	ZOOLOGY Comparative Anatomy & Physiology – VII (CBCS/CGPA)

165	B.Sc. VI Semester STATISTICS Operations Research-XV (CBCS) OR		
166	Demography-XV (CBCS)		
167	Operation Research – XV (CGPA) OR		
168	Demography – XV (CGPA)		
169	MICROBIOLOGY Industrial Microbiology – XV (CBCS) OR		
170	Pharmaceutical Microbiology-XV (CBCS)		
171	Industrial Microbiology – XV (CGPA)		
TUESDAY 09.04.2019 DAY: 19			
174	B.Sc. II Semester BIOPHYSICS Basic Biophysical Techniques – IV (CBCS/CGPA)	182	B.Sc. IV Semester BIOPHYSICS Physiological Biophysics – VIII (CBCS/CGPA)
175	B.Sc. V Semester STATISTICS Linear Programming –XIII OR (CBCS)		
176	Statistical Quality Control – XIII (CBCS)		
177	Linear Programming –XIII OR (CGPA)		
178	Statistical Quality Control – XIII (CGPA)		
179	MICROBIOLOGY Microbial Metabolism – XIII (CBCS) OR		
180	Nitrogen Metabolism – XIII (CBCS)		
181	Microbial Metabolism – XIII (CGPA)		
WEDNESDAY 10.04.2019 DAY: 20			
183	B.Sc. I Semester BIOPHYSICS Cellular Biophysics – II-(CBCS/CGPA)	210	B.Sc. III Semester BIOPHYSICS Membrane Biophysics – VI (CBCS/CGPA)
184	B.Sc.VI Semester COMPUTER APPLICATION Relational Database Management System & SQL – II - XIV		
185	GEOLOGY Stratigraphy of India-XIV (CBCS)		
186	Stratigraphy of India-XIV (CGPA)		
187	ANALYTICAL CHEMISTRY Modern Techniques of Chemical Analysis – II - XIV(CBCS) OR		
188	Physical Methods in Analytical Chemistry-XIV (CBCS)		
189	Modern Techniques of Chemical Analysis – II (CHAC-303) – XIV (CGPA)		

	AGROCHEMICAL & FERTILIZER		
190	Preservation of Fruits & Vegetables-XIV (CBCS)		
191	Preservation of Fruits & Vegetables (CHAG-303) – XIV		
	ENVIRONMENTAL SCIENCE		
192	Waste Water Engineering-XIV (CBCS)		
193	Waste Water Engineering (Env-304)- XIV (CGPA)		
	HORTICULTURE		
194	Production Technology of Medicinal and Aromatic Plants –XIV (CBCS)		
195	Post Harvest & Handling of Horticultural Corps – XIV (CGPA)		
	FISHERY SCIENCE		
196	Aquarium keeping & Rearing of ornamental Fishes – XIV (CBCS)		
197	Aquarium keeping & Fish Genetics – XIV (CGPA)		
	DYES AND DRUGS		
198	Chemistry of Synthetic Dyes – II– XIV (CBCS)		
199	Chemistry of Synthetic Dyes – II– XIV (CGPA)		
	INDUSTRIAL CHEMISTRY		
200	Unit Process in Inorganic synthesis Drug Dyes & Industrial safety-XIV (CBCS)		
201	Unit Process in Inorganic synthesis Drug Dyes & Industrial safety-XIV (CGPA)		
	DAIRY SCIENCE		
202	Technology of Western Dairy Products- XIV (CBCS)		
203	Market Milk Processing - XIV (CGPA)		
	AGRICULTURAL MICROBIOLOGY		
204	Recombinant DNA Technology-XIV (CBCS)		
205	Recombinant DNA technology & Genetics Engineering - XIV (CGPA)		
	BIOTECHNOLOGY		
206	Plant Trans genesis-XIV (CBCS)		
207	Plant Trans genesis – XIV (CGPA)		
	ELECTRONICS		
208	Communication Electronics – II – XIV (CBCS)		
209	Communication Electronics – II – XIV (CGPA)		

THURSDAY 11.04.2019		DAY: 21
	B.Sc. II Semester	
	COMPUTER APPLICATION	
211	Programing With C (CBCS)	249
	GEOLOGY	
212	Physical Geology and Paleontology – III (CBCS/CGPA)	
	ANALYTICAL CHEMISTRY	
213	General Concepts of Analytical Chemistry (II) – III (CBCS/CGPA)	
	AGROCHEMICAL AND FERTILIZERS	
214	Soil Chemistry (II) – III (CBCS/CGPA)	
	ENVIRONMENTAL SCIENCE	
215	Environmental Ecology-III (CBCS)	
	HORTICULTURE	
216	Production Technology of Tropical and Sub-Tropical Fruit Crops – III (CBCS/CGPA)	
	FISHERY SCIENCE	
217	Aquaculture – III (CBCS/CGPA)	
	DYES AND DRUGS	
218	Introduction to Dye Intermediates – III (CBCS/CGPA)	
	INDUSTRIAL CHEMISTRY	
219	Unit Operations (II) – III (CBCS/CGPA)	
	DAIRY SCIENCE	
220	Farm Animal Management – III (CBCS/CGPA)	
	AGRICULTURAL MICROBIOLOGY	
221	Cell Biology and Microbial Growth – III (CBCS/CGPA)	
	BIOTECHNOLOGY	
222	Math Stat & Computers – III (VBT- 103) (CBCS/CGPA)	
	ELECTRONICS	
223	Semiconductor Devices & Instrumentation – III (CBCS/CGPA)	
	B.Sc. V Semester	
	COMPUTER APPLICATION	
224	Relational Database Management System & SQL-I - XII	
	GEOLOGY	
225	Geomorphology & Photo geology – XII (CBCS)	
226	Geomorphology & Photo geology – XII (CGPA)	

	ANALYTICAL CHEMISTRY		
227	Modern Techniques of Chemical Analysis – I - XII (CBCS)		
228	Modern Techniques of Chemical Analysis – I (CHAC-301) – XII (CGPA)		
	AGROCHEMICAL & FERTILIZER		
229	Agronomy & Seed Technology– XII (CBCS)		
230	Agronomy & Seed Technology (CHAG-301) – XII (CGPA)		
	ENVIRONMENTAL SCIENCE		
231	Water Pollution & Waste Water Analysis – XII (CBCS)		
232	Water Pollution &WasteWater Analysis (Env-301) – XII (CGPA)		
	HORTICULTURE		
233	Production Technology of Spices Condiments Crops – XII (CBCS)		
234	Production Technology of Spices Condiments Crops – XII (CGPA)		
	FISHERY SCIENCE		
235	Indian Fisheries and Mericulture – XII (CBCS)		
236	Indian Fisheries and Mericulture – XII (CGPA)		
	DYES AND DRUGS		
237	Chemistry of Synthetic Dyes-I – XII(CBCS)		
238	Chemistry of Synthetic Dyes-I – XII (CGPA)		
	INDUSTRIAL CHEMISTRY		
239	Unit Process in Organic Synthesis – XII (CBCS)		
240	Unit Process in Organic Synthesis – XII (CGPA)		
	DAIRY SCIENCE		
241	Technology of Indigenous Dairy Products-XII (CBCS)		
242	Market Milk Industry – XII (CGPA)		
	AGRICULTURAL MICROBIOLOGY		
243	Genetics and Molecular Biology – XII (CBCS)		
244	Genetics and Molecular Biology – XII (CGPA)		
	BIOTECHNOLOGY		
245	Plants Tissue Culture – XII (CBCS)		
246	Plants Tissue Culture – XII (CGPA)		
	ELECTRONICS		
247	Communication Electronics – I – XII (CBCS)		
248	Communication Electronics – I – XII (CGPA)		

FRIDAY 12.04.2019		DAY: 22
	B.Sc. I Semester	
	COMPUTER APPLICATION	
250	Algorithms for Solving Problems-I (CBCS)	299
	GEOLOGY	
251	Earth as a Planet & Dynamic Geology – I- (CBCS/CGPA)	
	ANALYTICAL CHEMISTRY	
252	General Concepts of Analytical Chem(I)- I-(CBCS/CGPA)	
	AGROCHEMICAL AND FERTILIZERS	
253	Introductory Soil Science – I- (CBCS/CGPA)	
	ENVIRONMENTAL SCIENCE	
254	Fund of Env. Sci.-I (ENV-101)- (CBCS)/(CGPA)	
	HORTICULTURE	
255	Fundamentals of Horticulture-I- (CBCS/CGPA)	
	FISHERY SCIENCE	
256	Taxonomy and General Topics –I- (CBCS/CGPA)	
	DYES AND DRUGS	
257	Introduction to Dyes-I-(CBCS/CGPA)	
	INDUSTRIAL CHEMISTRY	
258	Unit Operations (I) – I -(CBCS/CGPA)	
	DAIRY SCIENCE	
259	Dairy Farming in India – I-(CBCS/CGPA)	
	AGRICULTURAL MICROBIOLOGY	
260	Agricultural Introductory Microbiology – I--(CBCS/CGPA)	
	BIOTECHNOLOGY	
261	Cell Biology –I--(CBCS/CGPA)	
	ELECTRONICS	
262	Electronics Components and Circuit Analysis –I--(CBCS/CGPA)	
	B.Sc.VI Semester	
	COMPUTER APPLICATION	
263	Visual Basic – II – XV OR	
264	Programming in JAVA – I – XV	
	GEOLOGY	
265	Economic Geology & Prospecting – XV (CBCS) OR	
266	Groundwater exploration and Management-XV (CBCS)	
267	Economic Geology & Prospecting – XV (CGPA)	
	B.Sc. III Semester	
	BIOPHYSICS	
	Molecular Biology – VII (CBCS/CGPA)	

	ANALYTICAL CHEMISTRY		
268	Applied Analytical Chemistry –II– XV (CBCS)		
269	Applied Analytical Chemistry –II– XV (CGPA)		
	AGROCHEMICALS & FERTILIZERS		
270	Agricultural Technology-XV (CBCS) OR		
271	Hydroponics Technology-XV (CBCS)		
272	Agricultural Technology (CHAG-304) – XV (CGPA)		
	ENVIRONMENTAL SCIENCE		
273	Environmental Instrumentation – II – XV (CBCS) OR		
274	Environmental Manage-XV (CBCS)		
275	Environmental Instrumentation – II (Env-305) XV (CGPA) OR		
276	Environmental Manage (Env-306) – XV (CGPA)		
	HORTICULTURE		
277	Processing and Preservation Technology– XV (CBCS)		
278	Processing of Crops Horticulture– XV (CGPA)		
	FISHERY SCIENCES		
279	Fish Economics, Marketing, Co-operative & Extension – XV (CBCS) OR		
280	Nutrition and Feed Technology-XV (CBCS)		
281	Fish Economics, Marketing, Co-operative & Extension – XV (CGPA)		
	DYES & DRUGS		
282	Unit Operation and Pharmaceutical Dosage Forms – XV (CBCS) OR		
283	Principles of Drug Design (CBCS)		
284	Pharmaceutical Dosage Forms & Unit Operations – XV (CGPA)		
	INDUSTRIAL CHEMISTRY		
285	Spectroscopy & Chromatography Plant Utilities –XV (CBCS) OR		
286	Plant Design & Economics for Chemical Engineers Chemistry-XV (CBCS)		
287	Spectroscopy & Chromatography plant utilities –XV (CGPA)		
	DAIRY SCIENCE		
288	Sheep, Goat, Poultry and Pig Farming-XV (CBCS)		
289	Dairy Technology – II- XV (CGPA)		

290	AGRICULTURAL MICROBIOLOGY Agricultural Biotechnology - XV (CBCS) OR		
291	Plant Microbial Interactions-XV (CBCS)		
292	Agricultural Biotechnology - XV (CGPA)		
	BIOTECHNOLOGY		
293	Bioresource Technology-XV (CBCS)		
294	Bioresource Technology – XV (CGPA)		
	ELECTRONICS		
295	Power Electronics – II – XV (CBCS) OR		
296	Microcontroller 8051 Programming and interfacing– XV (CBCS)		
297	Power Electronics – II – XV (CGPA) OR		
298	8051 Microcontroller & Embedded Systems – XV (CGPA)		
MONDAY 15.04.2019		DAY: 23	
	B.Sc. II Semester		B.Sc. IV Semester
	COMPUTER APPLICATION		COMPUTER APPLICATION
300	Data Structure and Analysis (CBCS)	351	MS Word 2003 – VIII
	GEOLOGY		GEOLOGY
301	Petrology – IV (CBCS/CGPA)	352	Structural Geology – VIII (CBCS/CGPA)
	ANALYTICAL CHEMISTRY		ANALYTICAL CHEMISTRY
302	Basic Analytical Chemistry (II) – IV (CBCS/CGPA)	353	Inorganic and Organic Analysis – II – VIII (CBCS/CGPA)
	AGROCHEMICAL AND FERTILIZERS		AGROCHEMICAL AND FERTILIZERS
303	Food & Nutrition – IV (CBCS/CGPA)	354	Manures & Organic Farming – VIII (CBCS/CGPA)
	ENVIRONMENTAL SCIENCE		ENVIRONMENTAL SCIENCE
304	Fresh Water Treatment – IV (CBCS)	355	Applied Environmental Microbiology (Env 203) – VIII (CBCS/CGPA)
	HORTICULTURE		HORTICULTURE
305	Production Technology of Arid, Minor and Plantation Crops – IV (CBCS/CGPA)	356	Production Technology of Vegetable Crops-II (CBCS)
	FISHERY SCIENCE		FISHERY SCIENCE
306	Fish Seed Production Technology – IV (CBCS/CGPA)	357	Anatomy, Physiology and Microbiology – VIII (CBCS/CGPA)
	DYES AND DRUGS		DYES AND DRUGS
307	Dosage Forms, Purity of Drugs and Biostatistics – IV (CBCS/CGPA)	358	Synthesis and Application of Methane, Anthraquinone, Xanthenes and Heterocyclic Dyes – VIII (CBCS/CGPA)
	INDUSTRIAL CHEMISTRY		INDUSTRIAL CHEMISTRY
308	Process Calculations (II) – IV (CBCS/CGPA)	359	Unit Operation – IV – VIII (CBCS/CGPA)
	DAIRY SCIENCE		DAIRY SCIENCE
309	Farm Animal Health Management – IV (CBCS/CGPA)	360	Processing Technology of Milk-VIII (CBCS)

310	AGRICULTURAL MICROBIOLOGY Basic Microbiology Bio-molecules – IV (CBCS/CGPA)	361	AGRICULTURAL MICROBIOLOGY Food, Soil Microbiology and Microbial Ecology – VIII (CBCS/CGPA)
311	BIOTECHNOLOGY Genetics & Biochemistry – IV (VBT-104) (CBCS/CGPA)	362	BIOTECHNOLOGY Immunology & Animal Cell Culture (VBT-108) – VIII (CBCS/CGPA)
312	ELECTRONICS Combinational and Sequential Logic Circuits– IV (CBCS/CGPA)	363	ELECTRONICS Op-Amps and Its Applications & some Specialized IC's – VIII (CBCS/CGPA)
B.Sc. V Semester			
COMPUTER APPLICATION			
313	Programming in Visual Basic-I – XIII OR		
314	Programming in JAVA-I – XIII		
GEOLOGY			
315	Engineering & Hydrogeology – XIII (CBCS) OR		
316	Environmental Geology-XIII (CBCS)		
317	Engineering Geology & Hydrogeology – XIII (CGPA)		
ANALYTICAL CHEMISTRY			
318	Applied Analytical Chemistry-I – XIII (CBCS) OR		
319	Fundamental Concepts of Analytical Chemistry (CBCS)		
320	Applied Analytical Chemistry-I – XIII (CGPA)		
AGROCHEMICAL & FERTILIZERS			
321	Horticulture – XIII (CBCS) OR		
322	Vegetable Production-XIII (CBCS)		
323	Horticulture (CHAG-302) – XIII (CGPA)		
ENVIRONMENTAL SCIENCE			
324	Environmental Instrumentation-I – XIII (CBCS) OR		
325	Environmental Education & Biodiversity – XIII (CBCS)		
326	Environmental Instrumentation (Env- 302)-I – XIII (CGPA) OR		
327	Environmental Education & Biodiversity (Env-303) – XIII (CGPA)		
HORTICULTURE			
328	Post-Harvest and Handling of Horticultural Crops-XIII (CBCS)		
329	Production Tech. of Medicinal & Aromatic Plants – XIII (CGPA)		

	<p>FISHERY SCIENCE</p> <p>331 Aquaculture tech.& Fish Nutrition–XIII (CBCS) OR</p> <p>332 Soil and Water Management in Aquaculture-XIII (CBCS)</p> <p>333 Aquaculture tech.& Fish Nutrition–XIII (CGPA)</p> <p>DYES & DRUGS</p> <p>334 Chemistry of Synthetic Drugs – XIII (CBCS) OR</p> <p>335 Natural Dyes for Industrial Applications-XIII (CBCS)</p> <p>336 Chemistry of Synthetic Drugs – XIII (CGPA)</p> <p>INDUSTRIAL CHEMISTRY</p> <p>337 Process Equipment& Design & Process Instrumentation – XIII (CBCS) OR</p> <p>338 Chemical Engineering Thermodynamics-XIII (CBCS)</p> <p>339 Process Equipment Design & Process Instrumentation – XIII (CGPA)</p> <p>DAIRY SCIENCE</p> <p>340 Forage Production, Feeds and Feeding – XIII (CBCS)</p> <p>341 Dairy Technology – I – XIII (CGPA)</p> <p>AGRICULTURAL MICROBIOLOGY</p> <p>342 Industrial Biotechnology - XIII (CBCS) OR</p> <p>343 Microbial Enzymes and Crop Production-XIII (CBCS)</p> <p>344 Industrial Biotechnology - XIII (CGPA)</p> <p>BIOTECHNOLOGY</p> <p>345 Environmental Biotechnology – XIII (CBCS)</p> <p>346 Environmental Biotechnology – XIII (CGPA)</p> <p>ELECTRONICS</p> <p>347 Power Electronics-I – XIII (CBCS) OR</p> <p>348 Intro.to Microcontroller(8051)(CBCS)–XIII</p> <p>349 Power Electronics-I – XIII OR</p> <p>350 Intro. to Microcontroller (8051) – XIII</p>		
TUESDAY 16.04.2019		DAY: 24	
	<p>B.Sc. I Semester</p> <p>COMPUTER APPLICATION</p> <p>364 HTML & Web Page Designing-II</p> <p>GEOLOGY</p> <p>365 Mineralogy, Crystallography – II (CBCS/CGPA)</p> <p>ANALYTICAL CHEMISTRY</p> <p>366 Basic Analytical Chemistry (I) – II (CBCS/CGPA)</p>		<p>B.Sc. III Semester</p> <p>COMPUTER APPLICATION</p> <p>379 Programming in C – VI</p> <p>GEOLOGY</p> <p>380 Optical & Descriptive Mineralogy – VI (CBCS/CGPA)</p> <p>ANALYTICAL CHEMISTRY</p> <p>381 Inorganic and Organic Analysis – 1 – VI (CBCS/CGPA)</p>

367	AGROCHEMICAL AND FERTILIZERS Agricultural Biochemistry (I) – II-- (CBCS/CGPA)	382	AGROCHEMICAL AND FERTILIZERS Plant Nutrition & Fertilizers – VI (CBCS/CGPA)
368	ENVIRONMENTAL SCIENCE Fresh Water : Sources & Uses-II- (CBCS/CGPA)	383	ENVIRONMENTAL SCIENCE Basic Concepts in Environmental Microbiology-VI (CBCS)
369	HORTICULTURE Propagating and nursery Mgmt.-II-- (CBCS/CGPA)	384	HORTICULTURE Production Technology of Vegetable Crops – I – VI (CBCS/CGPA)
370	FISHERY SCIENCE Type Study Wallago Attu-II--(CBCS/CGPA)	385	DYES AND DRUGS Study of Pigments, azo, and azoic Dyes- VI(CBCS/CGPA)
371	DYES AND DRUGS Introduction to Drugs –II--(CBCS/CGPA)	386	FISHERY SCIENCE Ecology & Fish Pathology –V I (CBCS/CGPA)
372	INDUSTRIAL CHEMISTRY Process Calculation – II -(CBCS/CGPA)	387	INDUSTRIAL CHEMISTRY Unit Operation – III – VI (CBCS/CGPA)
373	DAIRY SCIENCE Milk & Physiology of Location-II-(CBCS)	388	DAIRY SCIENCE Animal Nutrition – VI (CBCS/CGPA)
374	AGRICULTURAL MICROBIOLOGY Bio instrumentation and Microbial technique – II--(CBCS/CGPA)	389	AGRICULTURAL MICROBIOLOGY Applied Agricultural Microbiology – VI (CBCS/CGPA)
375	BIOTECHNOLOGY Microbiology –II--(CBCS/CGPA)	390	BIOTECHNOLOGY Molecular Biology – VI (CBCS/CGPA)
376	ELECTRONICS Funda. of Digital Electronics-II-- (CBCS/CGPA)	391	ELECTRONICS Amplifier Oscillators & Multi vibrators- VI(CBCS/CGPA)
377	B.Sc. VI Semester BIOPHYSICS Radiation Biophysics – XIV (CBCS)		
378	Radiation Biophysics – XIV (CGPA)		
THURSDAY 18.04.2019 DAY: 25			
392	B.Sc. II Semester STATISTICS Discrete Probability Distributions – III (CBCS/CGPA)	396	B.Sc. IV Semester COMPUTER APPLICATION MS Excel & Power Point – IX
393	MICROBIOLOGY Basic Microbiology & Bio-molecules – III (CBCS/CGPA)	397	GEOLOGY Sedimentary & Metamorphic Petrology – IX (CBCS/CGPA)
394	B.Sc. V Semester BIOPHYSICS Immunology – XII (CGPA)	398	ANALYTICAL CHEMISTRY Instrumental Methods of Chemical Analysis – IX (CBCS/CGPA)
395	Immunology – XII (CBCS)	399	AGROCHEMICAL AND FERTILIZERS Plant Diseases & Fungicides – IX (CBCS/CGPA)
		400	ENVIRONMENTAL SCIENCE Air & Noise Pollution Control– IX (CBCS/CGPA)
		401	HORTICULTURE Commercial Floriculture– IX(CBCS/CGPA)

		402	FISHERY SCIENCE Fish Technology – IX (CBCS/CGPA)
		403	DYES AND DRUGS Synthesis & Application of Chemotherapeutic Drugs – IX (CBCS/CGPA)
		404	INDUSTRIAL CHEMISTRY Pollution Monitoring & Control – IX (CBCS/CGPA)
		405	DAIRY SCIENCE Animal Breeding – IX(CBCS/CGPA)
		406	AGRICULTURAL MICROBIOLOGY Mgmt. of Crop Plant Diseases – IX (CBCS/CGPA)
		407	BIOTECHNOLOGY Recombinant DNA Technology- IX (CBCS/CGPA)
		408	ELECTRONICS Microprocessor Interfacing – IX (CBCS/CGPA)
SATURDAY 20.04.2019 DAY: 26			
409	B.Sc. I Semester STATISTICS Elementary Probability Theory-I (CBCS/CGPA)	413	B.Sc. III Semester COMPUTER APPLICATION Programming in C ++ – VII
410	MICROBIOLOGY Introductory Microbiology- I(CBCS/CGPA)	414	GEOLOGY Dynamics of Earth & Igneous Petrol.- VII (CBCS/CGPA)
411	B.Sc. VI Semester BIOPHYSICS Medical Biophysics – XV (CBCS)	415	ANALYTICAL CHEMISTRY Instrumental Methods of Chemical Analysis -I– VII (CBCS/CGPA)
412	Medical Biophysics – XV (CGPA)	416	AGROCHEMICAL AND FERTILIZERS Insecticides & Herbicides – VII (CBCS/CGPA)
		417	ENVIRONMENTAL SCIENCE Air Pollution and Meteorology – VII (CBCS/CGPA)
		418	HORTICULTURE Ornamental and landscape Gardening- VII (CBCS)
		419	Production Technology of Vegetable Crops – II – VII (CGPA)
		420	DYES AND DRUGS Synthesis and Application of Drugs action on CNS – VII (CBCS/CGPA)
		421	FISHERY SCIENCE Fish Biology – VII (CBCS/CGPA)
		422	INDUSTRIAL CHEMISTRY Chemical Reaction Engineering – I – VII (CBCS/CGPA)

		423	DAIRY SCIENCE Animal Genetics and reproduction – VII (CBCS/CGPA)
		424	AGRICULTURAL MICROBIOLOGY Microbes in Agriculture – VII (CBCS/CGPA)
		425	BIOTECHNOLOGY Biophysical Techniques – VII (CBCS/CGPA)
		426	ELECTRONICS Fundamental of Microprocessors – VII(CBCS/CGPA)
MONDAY 22.04.2019 DAY: 27			
427	B.Sc. II Semester STATISTICS Theory of Variables and Attributes – IV (CBCS/CGPA)	431	B.Sc. IV Semester STATISTICS Exact Sampling Distributions – VIII (CBCS/CGPA)
428	MICROBIOLOGY Microbial Physiology – IV (CBCS/CGPA)	432	MICROBIOLOGY Food Soil Microbiology & Microbial Ecology – VIII (CBCS/CGPA)
429	B.Sc. V Semester BIOPHYSICS Bio Informatics & Structural Biology – XIII (CGPA)		
430	Bio Informatics & Structural Biology – XIII (CBCS)		
TUESDAY 23.04.2019 DAY: 28			
433	B.Sc. I Semester STATISTICS Descriptive Stat & Computing – II-- (CBCS/CGPA)	435	B.Sc. III Semester STATISTICS Continuous Probability Distributions – VI (CBCS/CGPA)
434	MICROBIOLOGY Microbiological Techniques – II-- (CBCS/CGPA)	436	MICROBIOLOGY Applied Microbiology – VI (CBCS/CGPA)
WEDNESDAY 24.04.2019 DAY: 29			
437	B.Sc. II Semester INFORMATION TECHNOLOGY Programming in C – III (CBCS)	439	B.Sc. IV Semester STATISTICS Statistical Inference & Computing Using R – IX (CBCS/CGPA)
438	DOS and Windows Operating System – III (CGPA)	440	MICROBIOLOGY Medical Microbiology – IX (CBCS/CGPA)

THURSDAY 25.04.2019		DAY: 30	
441	B.Sc. I Semester INFORMATION TECHNOLOGY Problem solving using Computers-(CBCS)	442 443	B.Sc. III Semester STATISTICS Applied Statistics – VII (CBCS/CGPA) MICROBIOLOGY Immunology – VII(CBCS/CGPA)
FRIDAY 26.04.2019		DAY: 31	
444	B.Sc. II Semester INFORMATION TECHNOLOGY Analysis of Algorithm & Data Structure-IV (CBCS)	445	B.Sc. IV Semester INFORMATION TECHNOLOGY Computer Network – VIII (CBCS/CGPA)
SATURDAY 27.04.2019		DAY: 32	
446	B.Sc. I Semester INFORMATION TECHNOLOGY Web page designing through HTML-II (CBCS)	449 450	B.Sc. III Semester INFORMATION TECHNOLOGY Operating System-VI (CBCS) Programming in C++ - VI (CGPA)
447	B.Sc. VI Semester COMPUTER SCIENCE Relational Database Management Systems & PL/SQL (CBCS)		
448	Programming in Visual Basic – XIV (CGPA)		
MONDAY 29.04.2019		DAY: 33	
451	B.Sc. II Semester COMPUTER SCIENCE Programming in C – III (CBCS)	454 455	B.Sc. IV Semester INFORMATION TECHNOLOGY Programming in Java – IX (CGPA) Programming in Python –IX (CBCS)
452	B.Sc. V Semester COMPUTER SCIENCE Software Engineering – XII (CBCS)		
453	Software Engineering – XII (CGPA)		
TUESDAY 30.04.2019		DAY: 34	
456 457	B.Sc. I Semester COMPUTER SCIENCE Problem solving using Computers-(CBCS) Funda. of Computer Organization-I- (CGPA)	462	B.Sc. III Semester INFORMATION TECHNOLOGY Programming in JAVA-VII (CBCS)
458 459	B.Sc.VI Semester COMPUTER SCIENCE Computer System Security (CBCS) OR E-Commerce (CBCS)		
460 461	Computer Network – XV (CGPA) OR Unix Shell Programming – XV (CGPA)		

THURSDAY 02.05.2019			DAY: 35		
	B.Sc. II Semester COMPUTER SCIENCE			B.Sc. IV Semester COMPUTER SCIENCE	
463	Analysis of Algorithm & Data Structure-IV (CBCS)	469		ALP using 8086 Microprocessor – VIII (CGPA)	
464	Data Structures – IV (CGPA)	470		Computer Network –VIII (CBCS)	
	B.Sc. V Semester COMPUTER SCIENCE				
465	Visual Programming-XIII (CBCS) OR				
466	Cloud Computing-XIII (CBCS)				
467	Relational D.base Mgmt. System-XIII(CGPA) OR				
468	E-Commerce – XIII (CGPA)				
FRIDAY 03.05.2019			DAY: 36		
	B.Sc. I Semester COMPUTER SCIENCE			B.Sc. III Semester COMPUTER SCIENCE	
471	Web page designing through HTML-II (CBCS)	475		Operating system-VI (CBCS)	
472	Fund. of Computer Programming-II-(CGPA)	476		Digital Electronics & 8085 Microprocessor – VI (CGPA)	
	B.Sc. VI Semester INFORMATION TECHNOLOGY				
473	RDBMS & PL/SQL (CBCS)				
474	Management Information System – XIV (CGPA)				
SATURDAY 04.05.2019			DAY: 37		
	B.Sc. V Semester INFORMATION TECHNOLOGY			B.Sc. IV Semester COMPUTER SCIENCE	
477	Software Engineering and Design Concept-XII (CBCS)	479		Programming in Java – IX (CBCS)	
478	Advance Java – XII(CGPA)	480		Programming in Java – IX (CGPA)	
MONDAY 06.05.2019			DAY: 38		
	B.Sc. VI Semester INFORMATION TECHNOLOGY			B.Sc. III Semester COMPUTER SCIENCE	
481	Information Security-XV (CBCS) OR	484		Programming in C++ - VII (CBCS)	
482	E-Commerce Technologies (CBCS)	485		Object Oriented Prog. using C++ - VII (CGPA)	
483	Web Development using PHP – XV (CGPA)				
TUESDAY 07.05.2019			DAY: 39		
	B.Sc. V Semester INFORMATION TECHNOLOGY				
486	Programming in Visual Basic-XIII (A) (CBCS) OR				
487	Cloud Computing and Platforms-XIII(B) (CBCS)				
488	Oracle 10g PL/SQL – XIII(CGPA)				
Director Board of Examinations & Evaluation					