

**Department of Botany**

**1.3.1. List and description of the courses which address the Gender, Environment and Sustainability, Human Values, Professional Ethics and Indian Knowledge System into the Curriculum**

S. No	Course Code	Name of the Course	Ge	EVS	HV	PE	IKS	Outcome
<b>2023-2024</b>								
1	BU23ICCI	Core Course I : Plant Diversity - I Algae		<input checked="" type="checkbox"/>				To develop a deep comprehension of the diversity, biology, and ecological roles of major algae, fungi, and lichens for ecological and applied knowledge.
2	BU23ICP1	Core Lab Course I : Plant Diversity - I Algae		<input checked="" type="checkbox"/>				To develop a practical understanding of the diversity, morphology, and ecological significance of algae, fungi, and lichens.
3	BU23IEC1	Elective Course I : Allied Botany I		<input checked="" type="checkbox"/>				To provide a foundational understanding and identification of the algae.
4	BU23IEP1	Elective Lab Course I : Allied Botany Practical		<input checked="" type="checkbox"/>				To cultivate expertise in gardening and floriculture techniques for creating and managing aesthetically pleasing and sustainable green spaces.
5	BU23INM1	Non-Major Elective NME : Nursery and Landscaping		<input checked="" type="checkbox"/>				To understand the basic concepts of nursery and gardening techniques.
6	BU23IFC1	Foundation Course: Basics of Botany		<input checked="" type="checkbox"/>				To equip students with the knowledge and skills to harness biofertilizers, biofuels, and biopesticides for sustainable and eco-friendly agricultural and environmental practices.
7	BU232CC1	Core Course II : Plant Diversity I I- Fungi, Bacteria, Viruses, Plant Pathology and Lichens		<input checked="" type="checkbox"/>				To understand microbes, fungi and lichens and appreciate its agricultural and pharmaceutical applications.
8	BU232CP1	Core Lab Course II : Plant Diversity II- Fungi, Bacteria, Viruses, Plant Pathology and Lichens – Practical -II		<input checked="" type="checkbox"/>				To develop practical skills for culturing and cultivation of fungi.
9	BU232EC1	Elective Course II : Allied Botany -II		<input checked="" type="checkbox"/>				To understand the fundamental concepts of plant anatomy and embryology.
10	BU232EP1	Elective Lab Course II : Allied Botany Practical		<input checked="" type="checkbox"/>				To study the classical taxonomy with reference to different parameters and fundamental concepts of plant anatomy and embryology.
11	BU232NM1	Non Major Elective NME II : Mushroom Cultivation		<input checked="" type="checkbox"/>				To explain about various types of food technologies associated with mushroom industry.
12	BU232SE1	Skill Enhancement Course SEC I : Botanical Garden and Landscaping		<input checked="" type="checkbox"/>				To inculcate entrepreneurial skills in students for creative landscaping design using CAD software.
13	BC2031	Major Core III - Archegoniate		<input checked="" type="checkbox"/>				To enrich with basics of Botany.
14	BC2032	Major Elective -I (a) Herbal Botany				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To develop basic knowledge about medicinal importance of plants.
15	BC2033	Major Elective - I (b) Nursery and Gardening		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To develop skills to become employable as professionals in traditional medicinal system.
16	BC2034	Major Elective - I (c) Agricultural Botany		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand making and maintenance of gardening and lawn.
17	BA2031	Allied II - Theory : Plant Diversity - I (Algae, Fungi, Bryophyta and Pteridophyta)		<input checked="" type="checkbox"/>				To understand agricultural practices, seed technology; cropping scheme and soil fertility.
18	BC20S1	Self Learning Course : Plant Resource Utilization		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To study the importance of plant resources.
19	BC2041	Major Core IV - Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the basic knowledge soil, water, vegetation and ecological groups.
20	BC2042	Major Elective - II (a) Biological Resources				<input checked="" type="checkbox"/>		To understand the cultivation and production of biofertilizers, microbial fertilizers, biofertilizers and biopesticides.
21	BC2043	Elective - II (b) Food Science				<input checked="" type="checkbox"/>		To learn about the importance, constituents and health practices of food and balanced diet.
22	BC2044	Elective – II (c) Biodiversity and Human Welfare		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of biodiversity and aware to conserve the biodiversity.
23	BA2041	Allied II - Theory : Plant Diversity - II (Gymnosperms, Angiosperms and Plant Physiology)		<input checked="" type="checkbox"/>				To understand the structure and function of basic organelles of plant cells and internal structure of plant parts.
24	BC20P2	Major Practical Paper - II Archegoniate & Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the sectioning for microscopic observation.
25	BA20P2	Allied II - Practical : Plant Diversity I & II and Plant Physiology		<input checked="" type="checkbox"/>				To learn about physiology experimental set up.
26	BC20S2	Self Learning Course : Algal Biotechnology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of algal diversity and aware to conserve the marine ecosystem.
27	BC20S1	Major Core V -Taxonomy of Angiosperms and Economic Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
28	BC20S2	Major Core VI - Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To learn the emerging field of biophysics and principles of bioenergetics.
29	BC20S3	Major Core VII - Microbiology and Plant Pathology					<input checked="" type="checkbox"/>	To provide the students with the comprehensive understanding and appreciation for the diversity and significance of microbes on planet earth.
30	BC2061	Major Core VIII - Genetics, Biostatistics and Bioinformatics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				To generate biological interpretations and conclusions from data of scientific research.
31	BC2062	Major Core IX - Biotechnology and Molecular Biology	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		To develop skills to become employable as professionals in Biotechnology Industries.
32	BC2063	Major Core X - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To comprehend the fundamental concepts of plant physiology.

33	BC2064	Major - Elective IV (a) Marine Botany		<input checked="" type="checkbox"/>				To understand the diversity of marine organisms.
34	BC2065	Major - Elective IV (b) Organic Farming		<input checked="" type="checkbox"/>				To empower the employment opportunity of youth at village level in organic market as organic growers, stakeholders, and entrepreneurs.
35	BC2066	Major- Elective IV (c) Ecotourism		<input checked="" type="checkbox"/>				To highlight the need for sustainable tourism.
36	BC20P3	Major Practical III - Taxonomy and Economic Botany & Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To understand and identify the locally available common plants and performing experiments in Biochemistry.
37	BC20P4	Major Practical IV - Genetics, Biostatistics and Bioinformatics & Biotechnology and Molecular Biology		<input checked="" type="checkbox"/>				To interpret experimental data using biostatistics.
38	BC20P5	Major Practical V - Microbiology and Plant Pathology & Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To demonstrate and interpret the results to microbiology and physiology experiments.
39	SEC203	Skill Enhancement Course (SEC) - Global Environmental Issues		<input checked="" type="checkbox"/>				To acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment.
40	BP231CC1	Core Course I : Plant Diversity - I Algae, Fungi, Lichens & Bryophytes		<input checked="" type="checkbox"/>				To gain adequate knowledge on the lower group flora.
41	BP231CC2	Core Course II : Plant Diversity - II Pteridophyta, Gymnosperms and Palaeobotany		<input checked="" type="checkbox"/>				To get a brief knowledge of plant breeding techniques.
42	BP231EC1	Elective Course I : a) Microbiology, Immunology and Plant Pathology		<input checked="" type="checkbox"/>				To understand the microbial world.
43	BP231EC2	Elective Course I : b) Conservation of natural resources and policies		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand the marine environs and their conservation strategies.
44	BP231EC3	Elective Course I : c) Mushroom cultivation		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand basic concepts of organic farming.
45	BP231EC4	Elective Course II : a) Ethnobotany, Naturopathy and Traditional Health care					<input checked="" type="checkbox"/>	To understand the research and its methodologies.
46	BP231EC5	Elective Course II : b) Algal Technology		<input checked="" type="checkbox"/>				To understand the evolutionary tendency of Thallophytes.
47	BP231EC6	Elective Course II : c) Herbal Technology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To understand the basic concepts of cell and cell functions.
48	BP231CP1	Core Lab Course I : Laboratory Course - I : Covering Core Papers - I & II		<input checked="" type="checkbox"/>				To have detailed study on primitive organisms.
49	BP232CC1	Core Course III : Taxonomy of Angiosperms and Economic Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To explain the principle, hierarchy and nomenclature in plant taxonomy.
50	BP232CC2	Core Course IV : Plant Anatomy and Embryology of Angiosperms		<input checked="" type="checkbox"/>				To understand the various concepts of plant development and reproduction.
51	BP232CC3	Core Course V : Ecology, Phytogeography, Conservation Biology and Intellectual Property Rights		<input checked="" type="checkbox"/>				To analyze insight into the vegetation types, species interaction and their importance and the factors influencing the environmental conditions.
52	BP232CP1	Core Lab Course II : Lab Course (for Core III, IV & V)		<input checked="" type="checkbox"/>				To understand the recent advances in plant morphological and floral characteristics.
53	BP232EC1	Elective Course III : a) Biostatistics		<input checked="" type="checkbox"/>				To develop their competence in hypothesis testing and interpretation.
54	BP232EC2	Elective Course III : b) Intellectual Property Rights					<input checked="" type="checkbox"/>	To understand the differences of Property and Assets and various categories of Intellectual Creativity.
55	BP232EC3	Elective Course III : c) Applied bioinformatics		<input checked="" type="checkbox"/>				To apply and explain the application of bioinformatic tools.
56	BP232EC4	Elective Course IV : a) Research methodology, computer applications & bioinformatics		<input checked="" type="checkbox"/>				To understand the concept of pairwise alignment of DNA sequences using algorithms.
57	BP232EC5	Elective Course IV : b) Medicinal Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To develop new strategies to enhance growth and quality check of medicinal herbs considering the practical issues pertinent to India.
58	BP232EC6	Elective Course IV : c) Phytochemistry		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To know the methods of screening of secondary metabolites for various biological properties.
59	BP232SE1	Skill Enhancement Course I : Nursery and Gardening		<input checked="" type="checkbox"/>				To develop gardening and nursery development skills.
60	PB2031	Core VII - Taxonomy of Angiosperms		<input checked="" type="checkbox"/>				To get knowledge of modern trends in taxonomy of Angiosperms.
61	PB2032	Core VIII – Genetics and Molecular Biology		<input checked="" type="checkbox"/>				To acquire knowledge in laboratory techniques.
62	PB2033	Elective III – (a) Horticulture		<input checked="" type="checkbox"/>				To study the horticultural techniques.
63	PB2034	Elective III – (b) Forestry		<input checked="" type="checkbox"/>				To learn the forest management strategies.
64	PB20S1	Self Learning Course - Biology for competitive exam – I		<input checked="" type="checkbox"/>				To get exposure to write competitive exams.
65	PB2041	Core IX - Plant Physiology		<input checked="" type="checkbox"/>				To get knowledge about plant physiological aspects.
66	PB2042	Core X – Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To get idea about the environment.
67	PB2043	Core XI – Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand the bioinformatics tool in the field of Biology.
68	PB2044	Elective IV – (a) Phytochemistry and Pharmacognosy		<input checked="" type="checkbox"/>				To understand the basic procedures in phytochemical analysis.
69	PB20P3	Practical III - Taxonomy of Angiosperms & Genetics and Molecular Biology.		<input checked="" type="checkbox"/>				To learn about the taxonomical terminology, morphology, structure and functions of various parts of plants.
70	PB20P4	Practical IV - Plant Physiology, Plant Ecology & Phytogeography and Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>				To understand the methodology involved in environment and conservation biology.
71	PB20S2	Self Learning Course - Biology for competitive exam – II		<input checked="" type="checkbox"/>				To understand the basic concepts of competitive exam in biology.
<b>2022-2023</b>								
72	BC2011	Major Core I - Algae, Fungi and Lichens		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To develop a deep comprehension of the diversity, biology, and ecological roles of major algae, fungi, and lichens for ecological and applied knowledge.
73	BA2011	Allied I - Chemistry of Life		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To provide a foundational understanding of the fundamental chemical principles underlying biological systems and their applications.
74	BNM201	Non Major Elective NME I - Gardening and Floriculture (NMEC)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To cultivate expertise in gardening and floriculture techniques for creating and managing aesthetically pleasing and sustainable green spaces.

75	BC2021	Major Core II - Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To foster a comprehensive understanding of plant anatomy and developmental processes to elucidate plant growth and structure.
76	BC20P1	Practical I -Algae, Fungi ,Lichens and Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To develop hands-on expertise in observing and analyzing plant tissues and structures to comprehend their growth and development.
77	BA2021	Allied I - Theory : - Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To cultivate expertise in angiosperm classification and herbal technology for informed plant identification and utilization.
78	BA20P1	Allied Practical I - Chemistry- of Life and Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>				To equip students with the expertise to classify angiosperms and apply herbal technology for diverse practical applications.
79	BNM202	Non Major Elective NME II - Biofertilizers, Biofuels and Biopesticides (NMEC)		<input checked="" type="checkbox"/>				To equip the students with the knowledge and skills to harness biofertilizers, biofuels, and biopesticides for sustainable and eco-friendly agricultural and environmental practices.
80	BC2031	Major Core III - Archegoniate		<input checked="" type="checkbox"/>				To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
81	BC2032	Major Elective -I (a) Herbal Botany				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To develop skills to become employable as professionals in traditional medicinal system.
82	BC2033	Major Elective - I (b) Nursery and Gardening		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand develop and maintenance of gardening.
83	BC2034	Major Elective - I (c) Agricultural Botany		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand agricultural practices, seed technology; cropping scheme and soil fertility.
84	BA2031	Allied II - Theory : Plant Diversity - I (Algae, Fungi, Bryophyta and Pteridophyta)		<input checked="" type="checkbox"/>				To learn the basic knowledge about the lower group flora.
85	BC20S1	Self Learning Course : Plant Resource Utilization		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To study the importance of plant resources.
86	BC2041	Major Core IV - Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the basic knowledge soil, water, vegetation and ecological groups.
87	BC2042	Major Elective - II (a) Biological Resources				<input checked="" type="checkbox"/>		To understand the cultivation and production of biofertilizers, microbial fertilizers, biofertilizers and biopesticides.
88	BC2043	Elective - II (b) Food Science				<input checked="" type="checkbox"/>		To learn about the importance, constituents and health practices of food and balanced diet.
89	BC2044	Elective – II (c) Biodiversity and Human Welfare		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of biodiversity and aware to conserve the biodiversity.
90	BA2041	Allied II - Theory : Plant Diversity - II (Gymnosperms, Angiosperms and Plant Physiology)		<input checked="" type="checkbox"/>				To understand the structure and functions of basic organelles of plant cells and internal structure of plant parts.
91	BC20P2	Major Practical Paper - II Archegoniate & Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the sectioning techniques for microscopic observation.
92	BA20P2	Allied II - Practical : Plant Diversity I & II and Plant Physiology		<input checked="" type="checkbox"/>				To learn about physiology experimental set up.
93	BC20S2	Self Learning Course : Algal Biotechnology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of algal diversity and aware to conserve the marine ecosystem.
94	BC2051	Major Core V -Taxonomy of Angiosperms and Economic Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
95	BC2052	Major Core VI - Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To learn the emerging field of biophysics and principles of bioenergetics.
96	BC2053	Major Core VII - Microbiology and Plant Pathology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To provide the students with the comprehensive understanding and appreciation for the diversity and significance of microbes on planet earth.
97	BC20PR	Major - Elective III - Research Project						To practice research.
98	BC2061	Major Core VIII - Genetics, Biostatistics and Bioinformatics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				To generate biological interpretations and conclusions from data of scientific research.
99	BC2062	Major Core IX - Biotechnology and Molecular Biology	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To develop skills to become employable as professionals in Biotechnology Industries.
100	BC2063	Major Core X - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To comprehend the fundamental concepts of plant physiology.
101	BC2064	Major - Elective IV (a) Marine Botany		<input checked="" type="checkbox"/>				To understand the diversity of marine organisms.
102	BC2065	Major - Elective IV (b) Organic Farming		<input checked="" type="checkbox"/>				To empower the employment opportunity of youth at village level in organic market as organic growers, stakeholders, and entrepreneurs.
103	BC2066	Major- Elective IV (c) Ecotourism		<input checked="" type="checkbox"/>				To highlight the need for sustainable tourism.
104	BC20P3	Major Practical III - Taxonomy and Economic Botany & Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To understand and identify the locally available common plants and performing experiments in Biochemistry.
105	BC20P4	Major Practical IV - Genetics, Biostatistics and Bioinformatics & Biotechnology and Molecular Biology		<input checked="" type="checkbox"/>				To interpret experimental data using Biostatistics.
106	BC20P5	Major Practical V - Microbiology and Plant Pathology & Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To demonstrate and interpret the results to microbiology and physiology experiments.
107	SEC203	Skill Enhancement Course (SEC) - Global Environmental Issues		<input checked="" type="checkbox"/>				To acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment.
108	PB2011	Core I - Plant Diversity I – Algae, Fungi,Lichens and Bryophytes		<input checked="" type="checkbox"/>				To gain adequate knowledge on comparative account of various lower group flora.
109	PB2012	Core II – Microbiology		<input checked="" type="checkbox"/>				To understand the microbial world and their impact in daily life.
110	PB2013	Core III – Plant Anatomy & Embryology		<input checked="" type="checkbox"/>				To get brief knowledge on plant breeding techniques.
111	PB2014	Elective I – (a) Marine Biology		<input checked="" type="checkbox"/>				To understand the marine environs.
112	PB2015	Elective I – (b) Organic Farming		<input checked="" type="checkbox"/>				To understand basic concepts of organic farming.
113	PB2021	Core IV – Plant Diversity II - Pteridophyta, Gymnosperms and Palaeobotany		<input checked="" type="checkbox"/>				To understand the evolutionary tendency of thallophytes.
114	PB2023	Core VI – Cell Biology and Biomolecules		<input checked="" type="checkbox"/>				To understand the basic concepts of cell and cell functions.
115	PB2024	Elective II – (a) Herbalism		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To provide basic knowledge about herbals.

116	PB2025	Elective II – (b) Evolutionary Biology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To understand the process of evolution.
117	PB20P1	Practical I - Plant Diversity I – Algae, Fungi, Lichens and Bryophytes, Microbiology and Plant Anatomy & Embryology		<input checked="" type="checkbox"/>				To identify microbes in laboratory.
118	PB20P2	Practical II - Plant Diversity II- Pteridophyta, Gymnosperms and Palaeobotany, Research Methodology and Cell Biology and Biomolecules		<input checked="" type="checkbox"/>				To differentiate non flowering plants.
119	PB2031	Core VII - Taxonomy of Angiosperms		<input checked="" type="checkbox"/>				To get knowledge of modern trends in taxonomy of Angiosperms.
120	PB2032	Core VIII – Genetics and Molecular Biology		<input checked="" type="checkbox"/>				To acquire knowledge in laboratory techniques.
121	PB2033	Elective III – (a) Horticulture		<input checked="" type="checkbox"/>				To study the nursery and horticultural techniques.
122	PB2034	Elective III – (b) Forestry		<input checked="" type="checkbox"/>				To learn about the forest management methods.
123	PB20S1	Self Learning Course - Biology for competitive exam – I		<input checked="" type="checkbox"/>				To understand the basic concepts in preparing competitive exams.
124	PB2041	Core IX - Plant Physiology		<input checked="" type="checkbox"/>				To have a broad knowledge about plant physiology.
125	PB2042	Core X – Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To get idea about the ecosystem and conservation.
126	PB2043	Core XI – Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To employ microbes in producing useful products.
127	PB2044	Elective IV – (a) Phytochemistry and Pharmacognosy		<input checked="" type="checkbox"/>				To understand the bioinformatics tools in the field of Biology.
128	PB20P3	Practical III - Taxonomy of Angiosperms & Genetics and Molecular Biology.		<input checked="" type="checkbox"/>				To learn about the taxonomical terminology, morphology, structure and functions of various parts of plants.
129	PB20P4	Practical IV - Plant Physiology, Plant Ecology & Phytogeography and Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>				To understand the methodology involved in environment and conservation biology.
130	PB20S2	Self Learning Course - Biology for competitive exam – II		<input checked="" type="checkbox"/>				To understand the basic concepts of preparing for competitive exams.
<b>2021-2022</b>								
131	BC2011	Major Core I - Algae, Fungi and Lichens		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To develop a deep comprehension of the diversity, biology, and ecological roles of major algae, fungi, and lichens for ecological and applied knowledge.
132	BA2011	Allied I - Chemistry – of Life		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To provide a foundational understanding of the fundamental chemical principles underlying biological systems and their applications.
133	BNM201	Non Major Elective NME I - Gardening and Floriculture (NMEC)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			To cultivate expertise in gardening and floriculture techniques for creating and managing aesthetically pleasing and sustainable green spaces.
134	BC2021	Major Core II - Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To foster a comprehensive understanding of plant anatomy and developmental processes to elucidate plant growth and structure.
135	BC20P1	Practical I - Algae, Fungi, Lichens and Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To develop hands-on expertise in observing and analyzing plant tissues and structures to comprehend their growth and development.
136	BA2021	Allied I - Theory : - Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To cultivate expertise in angiosperm classification and herbal technology for informed plant identification and utilization.
137	BA20P1	Allied Practical I - Chemistry – of Life and Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>				To equip students with the expertise to classify angiosperms and apply herbal technology for diverse practical applications.
138	BNM202	Non Major Elective NME II - Biofertilizers, Biofuels and Biopesticides (NMEC)		<input checked="" type="checkbox"/>				To equip students with the knowledge and skills to harness biofertilizers, biofuels, and biopesticides for sustainable and eco-friendly agricultural and environmental practices.
139	BC2031	Major Core III - Archegoniate		<input checked="" type="checkbox"/>				To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
140	BC2032	Major Elective - I (a) Herbal Botany				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To develop skills to become employable as professionals in traditional medicinal system.
141	BC2033	Major Elective - I (b) Nursery and Gardening		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand garden making maintenance of gardening and lawn.
142	BC2034	Major Elective - I (c) Agricultural Botany		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand agricultural practices, seed technology; cropping scheme and soil fertility.
143	BA2031	Allied II - Theory : Plant Diversity - I (Algae, Fungi, Bryophyta and Pteridophyta)		<input checked="" type="checkbox"/>				To learn the basic knowledge taxonomy and plant physiology.
144	BC20S1	Self Learning Course : Plant Resource Utilization		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To study the importance of plant resources.
145	BC2041	Major Core IV - Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the basic knowledge soil, water, vegetation and ecological groups.
146	BC2042	Major Elective - II (a) Biological Resources				<input checked="" type="checkbox"/>		To understand the cultivation and production of biofertilizers, microbial fertilizers, biofertilizers and biopesticides.
147	BC2043	Elective - II (b) Food Science				<input checked="" type="checkbox"/>		To learn about the importance, constituents and health practices of food and balanced diet.
148	BC2044	Elective – II (c) Biodiversity and Human Welfare		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of biodiversity and aware to conserve the biodiversity.
149	BA2041	Allied II - Theory : Plant Diversity - II (Gymnosperms, Angiosperms and Plant Physiology)		<input checked="" type="checkbox"/>				To understand the structure and functions of basic organelles of plant cells and internal structure of plant parts.
150	BC20P2	Major Practical Paper - II Archegoniate & Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To learn the sectioning for microscopic observation.
151	BA20P2	Allied II - Practical : Plant Diversity I & II and Plant Physiology		<input checked="" type="checkbox"/>				To learn about physiology experimental set up.
152	BC20S2	Self Learning Course : Algal Biotechnology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of algal diversity and aware to conserve the marine ecosystem.
153	BC1751	Major Core V - Taxonomy and Economic Botany					<input checked="" type="checkbox"/>	To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.

154	BC1752	Major Core VI - Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To learn the emerging field of biochemistry, biophysics and principles of bioenergetics.
155	BC1753	Major Core VII - Microbiology and Plant Pathology		<input checked="" type="checkbox"/>				To provide the students with the comprehensive understanding in microbiology and plant pathology.
156	BC1754	Major - Elective III (a) Horticulture and Plant Breeding		<input checked="" type="checkbox"/>				To perform horticultural and plant breeding practices.
157	BC1755	Major - Elective III (b) Forestry		<input checked="" type="checkbox"/>				To have broad knowledge about the forest and forest products.
158	BC1756	Major - Elective III (c) Biological Techniques		<input checked="" type="checkbox"/>				To study the principle, working mechanism and uses of instruments used in biology.
159	BC17P5	Major Practical V - Taxonomy and Economic Botany & Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To identify the plant specimens with respect to their botanical families.
160	BSK175	Skill Based Course (*SBC) – Floriculture		<input checked="" type="checkbox"/>				To develop flower garden around the home and office to reduce of stress related depression of the livelihood.
161	BC1761	Major Core VIII - Genetics, Biostatistics and Bioinformatics					<input checked="" type="checkbox"/>	To generate logical interpretations and conclusions from graphs, models, and data of scientific research.
162	BC1762	Major Core IX - Biotechnology and Molecular biology					<input checked="" type="checkbox"/>	To evaluate and use biological information effectively, ethically, and legally.
163	BC1763	Major Core X - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To integrate and interconnect plant physiological knowledge in agriculture, forestry, environmental science and genetics.
164	BC1764	Major - Elective III (a) - Marine Botany		<input checked="" type="checkbox"/>				To recognize the marine pollution and conservation methods.
165	BC1765	Major - Elective III (b) - Organic Farming		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To understand the need and generating knowledge and skill on various organic farming practices.
166	BC1766	Major - Elective III (c) - Ecotourism		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To highlight the need for sustainable tourism.
167	BC17P6	Major Practical VI - Genetics, Biostatistics and Bioinformatics & Biotechnology and Molecular Biology		<input checked="" type="checkbox"/>				To demonstrate experiments and interpret experimental data using biostatistics.
168	BC17P7	Major Practical VII - Microbiology and Plant Pathology & Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To demonstrate and interpret the results of physiology and microbiology experiments.
169	PB2011	Core I - Plant Diversity I – Algae, Fungi, Lichens and Bryophytes		<input checked="" type="checkbox"/>				To gain adequate knowledge on comparative account of various algal divisions.
170	PB2012	Core II – Microbiology		<input checked="" type="checkbox"/>				To understand the microbial world.
171	PB2013	Core III – Plant Anatomy & Embryology		<input checked="" type="checkbox"/>				To get brief knowledge on plant breeding techniques.
172	PB2014	Elective I – (a) Marine Biology		<input checked="" type="checkbox"/>				To understand the marine environment.
173	PB2015	Elective I – (b) Organic Farming		<input checked="" type="checkbox"/>				To understand basic concepts of organic farming.
174	PB2021	Core IV – Plant Diversity II - Pteridophyta, Gymnosperms and Palaeobotany		<input checked="" type="checkbox"/>				To understand the evolutionary tendency of Thalophytes.
175	PB2023	Core VI – Cell Biology and Biomolecules		<input checked="" type="checkbox"/>				To understand the basic concepts of cell and cell functions.
176	PB2024	Elective II – (a) Herbalism		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To study of basic knowledge about herbals.
177	PB2025	Elective II – (b) Evolutionary Biology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To understand the process of evolution.
178	PB20P1	Practical I - Plant Diversity I – Algae, Fungi, Lichens and Bryophytes, Microbiology and Plant Anatomy & Embryology		<input checked="" type="checkbox"/>				To identify different strains of micronbes.
179	PB20P2	Practical II - Plant Diversity II- Pteridophyta, Gymnosperms and Palaeobotany, Research Methodology and Cell Biology and Biomolecules		<input checked="" type="checkbox"/>				To differentiate non flowering plants.
180	PB2031	Core VII - Taxonomy of Angiosperms		<input checked="" type="checkbox"/>				To get knowledge of modern trends in taxonomy of Angiosperms.
181	PB2032	Core VIII – Genetics and Molecular Biology		<input checked="" type="checkbox"/>				To acquire knowledge in laboratory techniques.
182	PB2033	Elective III – (a) Horticulture		<input checked="" type="checkbox"/>				To study the horticultural techniques.
183	PB2034	Elective III – (b) Forestry		<input checked="" type="checkbox"/>				To learn the forest management methods.
184	PB20S1	Self Learning Course - Biology for competitive exam – I		<input checked="" type="checkbox"/>				To get exposure to write competitive exams.
185	PB2041	Core IX - Plant Physiology		<input checked="" type="checkbox"/>				To knowledge about plant physiological aspects.
186	PB2042	Core X – Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To get idea about the environment.
187	PB2043	Core XI – Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To employ microbes in producing useful products.
188	PB2044	Elective IV – (a) Phytochemistry and Pharmacognosy		<input checked="" type="checkbox"/>				To understand the bioinformatics tool in the field of biology.
189	PB20P3	Practical III - Taxonomy of Angiosperms & Genetics and Molecular Biology.		<input checked="" type="checkbox"/>				To learn about the taxonomical terminology, morphology, structure and functions of various parts of plants.
190	PB20P4	Practical IV - Plant Physiology, Plant Ecology & Phytogeography and Biotechnology & Bioinformatics		<input checked="" type="checkbox"/>				To understand the methodology involved in environment and conservation biology.
191	PB20S2	Self Learning Course - Biology for competitive exam – II		<input checked="" type="checkbox"/>				To get exposure to write competitive exams.
<b>2020-2021</b>								
192	BC2011	Major Core I - Algae, Fungi and Lichens		<input checked="" type="checkbox"/>				To develop a deep comprehension of the diversity, biology, and ecological roles of major algae, fungi, and lichens for ecological and applied knowledge.
193	BA2011	Allied I - Chemistry of Life		<input checked="" type="checkbox"/>				To provide a foundational understanding of the fundamental chemical principles underlying biological systems and their applications.
194	BNM201	Non Major Elective NME I - Gardening and Floriculture (NMEC)		<input checked="" type="checkbox"/>				To cultivate expertise in gardening and floriculture techniques for creating and managing aesthetically pleasing and sustainable green spaces.
195	BC2021	Major Core II - Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To foster a comprehensive understanding of plant anatomy and developmental processes to elucidate plant growth and structure.

196	BC20P1	Practical I -Algae, Fungi ,Lichens and Plant Anatomy and Developmental Botany		<input checked="" type="checkbox"/>				To develop hands-on expertise in observing and analyzing plant tissues and structures to comprehend their growth and development.
197	BA2021	Allied I - Theory : - Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To cultivate expertise in angiosperm classification and herbal technology for informed plant identification and utilization.
198	BA20P1	Allied Practical I - Chemistry- of Life and Taxonomy of Angiosperms and Herbal Technology		<input checked="" type="checkbox"/>				To equip students with the expertise to classify angiosperms and apply herbal technology for diverse practical applications.
199	BNM202	Non Major Elective NME II - Biofertilizers, Biofuels and Biopesticides (NMEC)		<input checked="" type="checkbox"/>				To equip students with the knowledge and skills to harness biofertilizers, biofuels, and biopesticides for sustainable and eco-friendly agricultural and environmental practices.
200	BC1731	Major Core III - Archegoniate		<input checked="" type="checkbox"/>				To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
201	BC1732	Major Elective – I (a) Herbal Botany				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To develop skills to become employable as professionals in traditional medicinal system.
202	BC1733	Major Elective – I (b) Nursery and Gardening		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand making and maintenance of gardening and lawn.
203	BC1734	Major Elective – I (c) Agricultural Botany		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand agricultural practices, seed technology; cropping scheme and soil fertility.
204	BC17P3	Major Practical Paper - III Archegoniate		<input checked="" type="checkbox"/>				To learn the sectioning for microscopic observation.
205	BA1731	Allied II - Theory : Taxonomy of Angiosperms and Plant Physiology		<input checked="" type="checkbox"/>				To learn the basic knowledge on taxonomy and plant physiology.
206	BC17S1	Self Learning Course - Plant Resource Utilization		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To study the importance of plant resources.
207	BC1742	Major - Elective II (a) Biological Resources				<input checked="" type="checkbox"/>		To understand the cultivation and production of biofertilizers, microbial fertilizers, biofertilizers and biopesticides.
208	BC1743	Major - Elective II (b) Food Science				<input checked="" type="checkbox"/>		To learn about the importance, constituents and health practices of food and balanced diet.
209	BC1744	Major - Elective II (c) Biodiversity and Human Welfare		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of biodiversity and aware to conserve the biodiversity.
210	BC17P4	Major Practical IV - Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>				To understand the structure and function of basic organelles of plant cells and internal structure of plant parts.
211	BA1741	Allied II – Theory : Cell Biology and Plant Anatomy		<input checked="" type="checkbox"/>				To learn the sectioning for microscopic observation and studying vegetation.
212	BA17P2	Allied II – Practical: Taxonomy, Anatomy, Plant Physiology, Cell Biology and Plant Anatomy		<input checked="" type="checkbox"/>				To learn about physiology experimental set up.
213	BC17S2	Self Learning Course - Algal Biotechnology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To learn about the importance of algal diversity and aware to conserve the marine ecosystem.
214	BC1751	Major Core V - Taxonomy and Economic Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
215	BC1753	Major Core VII - Microbiology and Plant Pathology		<input checked="" type="checkbox"/>				To provide the students with the comprehensive understanding in microbiology and plant pathology.
216	BC1754	Major - Elective III (a) Horticulture and Plant Breeding		<input checked="" type="checkbox"/>				To perform horticultural practices and plant breeding techniques.
217	BC1755	Major - Elective III (b) Forestry		<input checked="" type="checkbox"/>				To learn broad knowledge about the forest and forest products.
218	BC1756	Major - Elective III (c) Biological Techniques		<input checked="" type="checkbox"/>				To study principle, working mechanism and uses of instruments used in biology.
219	BC17P5	Major Practical V - Taxonomy and Economic Botany & Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To identify the plant specimens.
220	BSK175	Skill Based Course (*SBC) – Floriculture		<input checked="" type="checkbox"/>				To develop flower garden around the home and office to reduce of stress related depression of the livelihood.
221	BC1761	Major Core VIII - Genetics, Biostatistics and Bioinformatics				<input checked="" type="checkbox"/>		To generate logical interpretations and conclusions from graphs, models, and data of scientific research.
222	BC1762	Major Core IX - Biotechnology and Molecular biology				<input checked="" type="checkbox"/>		To evaluate and use biological information effectively, ethically, and legally.
223	BC1763	Major Core X - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To integrate and interconnect plant physiological knowledge in agriculture, forestry, environmental science and genetics.
224	BC1764	Major - Elective III (a) - Marine Botany		<input checked="" type="checkbox"/>				To recognize the marine pollution and conservation methods.
225	BC1765	Major - Elective III (b) - Organic Farming		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To understand the need and generating knowledge and skill on various organic farming practices.
226	BC1766	Major - Elective III (c) - Ecotourism		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		To highlight the need for sustainable tourism.
227	BC17P6	Major Practical VI - Genetics, Biostatistics and Bioinformatics & Biotechnology and Molecular Biology		<input checked="" type="checkbox"/>				To demonstrate experiments and interpret experimental data using biostatistics.
228	BC17P7	Major Practical VII - Microbiology and Plant Pathology & Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To demonstrate and interpret the results of physiology and microbiology experiments.
229	PB2011	Core I - Plant Diversity I – Algae, Fungi,Lichens and Bryophytes		<input checked="" type="checkbox"/>				To gain adequate knowledge on comparative account of various algal divisions.
230	PB2012	Core II – Microbiology		<input checked="" type="checkbox"/>				To understand the microbial world and their impact in daily life.
231	PB2013	Core III – Plant Anatomy & Embryology		<input checked="" type="checkbox"/>				To get brief knowledge on plant breeding techniques.
232	PB2014	Elective I – (a) Marine Biology		<input checked="" type="checkbox"/>				To understand the marine environs.
233	PB2015	Elective I – (b) Organic Farming		<input checked="" type="checkbox"/>				To understand basic concepts of organic farming.
234	PB2021	Core IV – Plant Diversity II - Pteridophyta, Gymnosperms and Palaeobotany		<input checked="" type="checkbox"/>				To understand the evolutionary tendency of Thallophytes.
235	PB2023	Core VI – Cell Biology and Biomolecules		<input checked="" type="checkbox"/>				To understand the basic concepts of cell and cell functions.
236	PB2024	Elective II – (a) Herbalism		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To have basic knowledge about herbals.
237	PB2025	Elective II – (b) Evolutionary Biology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	To understand the process of evolution.

238	PB20P1	Practical I - Plant Diversity I – Algae, Fungi, Lichens and Bryophytes, Microbiology and Plant Anatomy & Embryology		<input checked="" type="checkbox"/>					To understand the lower group plant diversity.
239	PB20P2	Practical II - Plant Diversity II- Pteridophyta, Gymnosperms and Palaeobotany, Research Methodology and Cell Biology and Biomolecules		<input checked="" type="checkbox"/>					To differentiate non flowering plants.
240	PB1731	Core VII - Taxonomy of Angiosperms and Economic Botany		<input checked="" type="checkbox"/>					To get knowledge of modern trends in taxonomy of Angiosperms.
241	PB1732	Core VIII - Genetics and Molecular Biology		<input checked="" type="checkbox"/>					To acquire knowledge in laboratory techniques.
242	PB1733	Elective III -(a) Forestry		<input checked="" type="checkbox"/>					To learn the forest management methods.
243	PB1734	Elective III -(b) Horticulture and Plant Breeding (Elective III)		<input checked="" type="checkbox"/>					To study the horticultural techniques.
244	PB1741	Core IX - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>					To have knowledge about plant physiological aspects.
245	PB1742	Core X - Environment and Conservation Biology		<input checked="" type="checkbox"/>					To get idea about the environment.
246	PB1743	Core XI - Applied Biotechnology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		To produce value added products such as antibiotics.
247	PB1744	Elective IV - (a) Industrial Microbiology		<input checked="" type="checkbox"/>					To employ microbes in producing useful products.
248	PB17P4	Practical IV - Plant Physiology and Metabolism, Environment and Conservation Biology and Applied Biotechnology		<input checked="" type="checkbox"/>					To understand the methodology involved in environment and conservation biology.
249	PB17S2	Self Learning Course - Biology for competitive exam – II		<input checked="" type="checkbox"/>					To acquire basic idea about competitive exams.
<b>2019-2020</b>									
250	BC1711	Major Core I – Algae, Fungi and Lichens		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				To know about the diversity of lower group flora.
251	BA1711	Allied I - Theory: Cell Biology and Plant Anatomy		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				To develop hands-on expertise in observing and analyzing plant tissues and structures to comprehend their growth and development.
252	BNM171	Non Major Elective Course (NMEC) – Food and Nutrition		<input checked="" type="checkbox"/>					To equip with the basics of nutrition and diets.
253	BC17P1	Major Practical I - Algae, Fungi and Lichen		<input checked="" type="checkbox"/>					To identify the lower group flora on the based of anatomical features.
254	BC1721	Major Core II - Plant Anatomy and Embryology		<input checked="" type="checkbox"/>					To understand plant anatomy and embryology to explore the structure, growth, and development of plants from cellular to whole organism levels.
255	BC17P2	Major Practical II - Plant Anatomy and Embryology		<input checked="" type="checkbox"/>					To understand with hands-on experience and knowledge in studying the internal structure of plants and their embryonic development.
256	BA1721	Allied I - Theory : Taxonomy of Angiosperms and Plant Physiology		<input checked="" type="checkbox"/>					To understand the diversity and classification of flowering plants and their physiological processes for a comprehensive grasp of plant biology.
257	BA17P1	Allied I - Practical - Cell Biology, Plant Anatomy, Taxonomy of Angiosperms and Plant Physiology		<input checked="" type="checkbox"/>					To develop hands-on skills in exploring cellular structures, plant tissue organization, and conducting experiments related to the taxonomy and physiological processes of flowering plants.
258	BNM172	Non Major Elective Course (NMEC) – Eco - Friendly Technology		<input checked="" type="checkbox"/>					To equip the students with knowledge and skills to develop and implement sustainable technologies that minimize environmental impact and promote a greener future.
259	BC1731	Major Core III - Archegoniate		<input checked="" type="checkbox"/>					To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
260	BC1732	Major Elective – I (a) Herbal Botany				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		To learn the sectioning techniques for microscopic observation.
261	BC1733	Major Elective – I (b) Nursery and Gardening		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			To develop skills to become employable as professionals in traditional medicinal system.
262	BC1734	Major Elective – I (c) Agricultural Botany		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			To understand the making and maintenance of gardening and lawn.
263	BC17P3	Major Practical Paper - III Archegoniate		<input checked="" type="checkbox"/>					To understand agricultural practices, seed technology; cropping scheme and soil fertility.
264	BA1731	Allied II - Theory : Taxonomy of Angiosperms and Plant Physiology		<input checked="" type="checkbox"/>					To learn the basic knowledge on taxonomy and plant physiology.
265	BC17S1	Self Learning Course - Plant Resource Utilization		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			To study the importance of plant resources.
266	BC1741	Major Core IV – Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>					To understand the relationships between the different ecological components in ecosystem.
267	BC1742	Major - Elective II (a) Biological Resources				<input checked="" type="checkbox"/>			To realize the vast expansion of biomass systems, both for "green energy" and for other renewable resources.
268	BC1743	Major - Elective II (b) Food Science				<input checked="" type="checkbox"/>			To know about the balanced diet and its importance.
269	BC1744	Major - Elective II (c) Biodiversity and Human Welfare		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			To assess the value of biodiversity through valid methodologies.
270	BC17P4	Major Practical IV - Plant Ecology and Phytogeography		<input checked="" type="checkbox"/>					To record the locally available Hydrophytes, Xerophytes and Halophytes.
271	BA1741	Allied II – Theory : Cell Biology and Plant Anatomy		<input checked="" type="checkbox"/>					To compare the structure and functions of living and non - living inclusions in plants, primary and secondary structure of plant.
272	BA17P2	Allied II – Practical: Taxonomy, Anatomy, Plant Physiology, Cell Biology and Plant Anatomy		<input checked="" type="checkbox"/>					To dissect the floral parts of the prescribed families and explain with appropriate diagrams.
273	BC17S2	Self Learning Course - Algal Biotechnology		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			To learn about the importance of algal diversity and aware to conserve the marine ecosystem.

274	BC1751	Major Core V - Taxonomy and Economic Botany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To acquire knowledge on the botanical vocabulary and taxonomical terminology to identify plants.
275	BC1752	Major Core VI - Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To learn the emerging field of biochemistry, biophysics and principles of bioenergetics.
276	BC1753	Major Core VII - Microbiology and Plant Pathology		<input checked="" type="checkbox"/>				To provide the students with the comprehensive understanding in microbiology and plant pathology.
277	BC1754	Major - Elective III (a) Horticulture and Plant Breeding		<input checked="" type="checkbox"/>				To perform horticultural practices.
278	BC1755	Major - Elective III (b) Forestry		<input checked="" type="checkbox"/>				To understand a broad knowledge about the forest and forest products.
279	BC1756	Major - Elective III (c) Biological Techniques		<input checked="" type="checkbox"/>				To study principle, working mechanism and uses of instruments used in biology.
280	BC17P5	Major Practical V - Taxonomy and Economic Botany & Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To identify the plant specimens.
281	BSK175	Skill Based Course (*SBC) – Floriculture		<input checked="" type="checkbox"/>				To develop flower garden around the home and office to reduce of stress related depression of the livelihood.
282	BC1761	Major Core VIII - Genetics, Biostatistics and Bioinformatics					<input checked="" type="checkbox"/>	To generate logical interpretations and conclusions from graphs, models, and data of scientific research.
283	BC1762	Major Core IX - Biotechnology and Molecular biology					<input checked="" type="checkbox"/>	To evaluate and use biological information effectively, ethically, and legally.
284	BC1763	Major Core X - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To integrate and interconnect plant physiological knowledge in agriculture, forestry, environmental science and genetics.
285	BC1764	Major - Elective III (a) - Marine Botany		<input checked="" type="checkbox"/>				To recognize the marine pollution and conservation methods.
286	BC1765	Major - Elective III (b) - Organic Farming		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To understand the need and generating knowledge and skill on various organic farming practices.
287	BC1766	Major - Elective III (c) - Ecotourism		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To highlight the need for sustainable tourism.
288	BC17P6	Major Practical VI - Genetics, Biostatistics and Bioinformatics & Biotechnology and Molecular Biology		<input checked="" type="checkbox"/>				To demonstrate experiments and interpret experimental data using biostatistics.
289	BC17P7	Major Practical VII - Microbiology and Plant Pathology & Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To demonstrate and interpret the results of physiology and microbiology experiments.
290	PB1711	Core I - Plant Diversity I - Algae, Fungi, Lichens and Bryophytes		<input checked="" type="checkbox"/>				To gain adequate knowledge on comparative account of various lower group flora.
291	PB1712	Core II - Microbiology, Immunology and Plant Pathology		<input checked="" type="checkbox"/>				To understand the microbial world.
292	PB1713	Core III - Developmental Botany		<input checked="" type="checkbox"/>				To get brief knowledge on plant breeding techniques.
293	PB1714	Elective I - (a) Marine Biology		<input checked="" type="checkbox"/>				To understand the marine environment.
294	PB1714	Elective I - (b) Cell Biology		<input checked="" type="checkbox"/>				To understand the basic concepts of organic farming.
295	PB17P1	Practical I - Plant Diversity I – Algae, Fungi and Bryophytes; Microbiology, Immunology and Plant Pathology; Developmental Botany		<input checked="" type="checkbox"/>				To understand the evolutionary tendency of Thallophytes.
296	PB1721	Core IV - Plant Diversity II - Pteridophyta, Gymnosperms and Palaeobotany		<input checked="" type="checkbox"/>				To understand the research and its methodologies.
297	PB1723	Core VI - Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To have basic knowledge about herbals.
298	PB1724	Elective I - (a) Medicinal Botany and Pharmacognosy		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To understand the process of evolution.
299	PB1724	Elective I - (b) Medicinal Plants and Ethnobotany		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To identify microbes.
300	PB17P2	Practical II - Plant Diversity – II - Pteridophyta, Gymnosperms and Paleobotany; Research Methodology and Biochemistry and Biophysics		<input checked="" type="checkbox"/>				To differentiate non flowering plants.
301	PB1731	Core VII - Taxonomy of Angiosperms and Economic Botany		<input checked="" type="checkbox"/>				To get knowledge of modern trends in taxonomy of angiosperms.
302	PB1732	Core VIII - Genetics and Molecular Biology		<input checked="" type="checkbox"/>				To acquire knowledge in laboratory techniques.
303	PB1733	Elective III -(a) Forestry		<input checked="" type="checkbox"/>				To learn the forest management methods.
304	PB1734	Elective III -(b) Horticulture and Plant Breeding (Elective III)		<input checked="" type="checkbox"/>				To study the horticultural techniques.
305	PB17P3	Practical III - Taxonomy of Angiosperms and Economic Botany, Genetics and Molecular Biology		<input checked="" type="checkbox"/>				To learn about the taxonomical terminology, morphology, structure and functions of various parts of plants.
306	PB17S1	Self Learning Course - Biology for competitive exam – I		<input checked="" type="checkbox"/>				To get exposure to write competitive exams.
307	PB1741	Core IX - Plant Physiology and Metabolism		<input checked="" type="checkbox"/>				To have broad knowledge about plant physiology.
308	PB1742	Core X - Environment and Conservation Biology		<input checked="" type="checkbox"/>				To get idea about the environment.
309	PB1743	Core XI - Applied Biotechnology		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	To produce value added products such as antibiotics.
310	PB1744	Elective IV - (a) Industrial Microbiology		<input checked="" type="checkbox"/>				To employ microbes in producing useful products.
311	PB17P4	Practical IV - Plant Physiology and Metabolism, Environment and Conservation Biology and Applied Biotechnology		<input checked="" type="checkbox"/>				To understand the methodology involved in environment and conservation biology.
312	PB17S2	Self Learning Course - Biology for competitive exam – II		<input checked="" type="checkbox"/>				To get exposure to write competitive exams.