



Department of Botany

Courses focus on Employability, Entrepreneurship and Skill development

Particulars	Regulation 2015 - 2018	Regulation 2018 - 2021	Regulation 2021 - 2024
Courses Focusing Employability	0	0	10
Courses Focusing Skill Development	26	37	24
Courses Focusing Entrepreneurship	2	6	11
Total	28	43	45



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015 - 2018

S. No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
1	III	15UBYC31	Pteridophytes, Gymnosperms & Paleobotany		YES		YES
2	III	15UBYA31	Zoology - I		YES		YES
3	III	15UBYS31	Herbal Botany			YES	YES
4	III	15UBYV31	Mushroom Cultivation			YES	YES
5	IV	15UBYC41	Plant Anatomy and Embryology of Angiosperms		YES		YES
6	IV	15UBYC4P	Lab in Pteridophytes, Gymnosperms, Paleobotany, Plant Anatomy and Embryology		YES		YES
7	IV	15UBYA41	Zoology-II		YES		YES
8	IV	15UBYA4P	Lab in Anc. Zoology		YES		YES
9	IV	15UBYO41	Biochemistry		YES		YES
10	IV	15UBYO42	Plant Breeding and Evolution		YES		YES
11	V	15UBYC51	Taxonomy of Angiosperms		YES		YES
12	V	15UBYC52	Plant Physiology		YES		YES
13	V	15UBYC53	Cell Biology		YES		YES



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NAAC IV CYCLE

S. No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
14	V	15UBYC5P	Lab in Taxonomy of Angiosperms		YES		YES
15	V	15UBYC5Q	Lab in Plant Physiology and Cell Biology		YES		YES
16	V	15UBY051	Biodiversity and Conservation		YES		YES
17	V	15UBY052	Ethnobotany and Bioresources		YES		YES
18	V	15UBYS51	Biological techniques and Biostatistics		YES		YES
19	V	15UBYS52	Forest Botany		YES		YES
20	VI	15UBYC61	Plant ecology and Phytogyography		YES		YES
21	VI	15UBYC62	Genetics		YES		YES
22	VI	15UBYC63	Microbiology		YES		YES
23	VI	15UBYC6P	Lab in Plant Ecology, Phytogyography and Genetics		YES		YES
24	VI	15UBYC6Q	Lab in Microbiology		YES		YES
25	VI	15UBY061	Palynology and Pollination Biology		YES		YES
26	VI	15UBY062	Economic Botany		YES		YES
27	VI	15UBYS61	Plant Biotechnology		YES		YES
28	VI	15UBYV61	Bioinformatics		YES		YES
Total No. of Courses				0	26	2	

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NAAC IV CYCLE

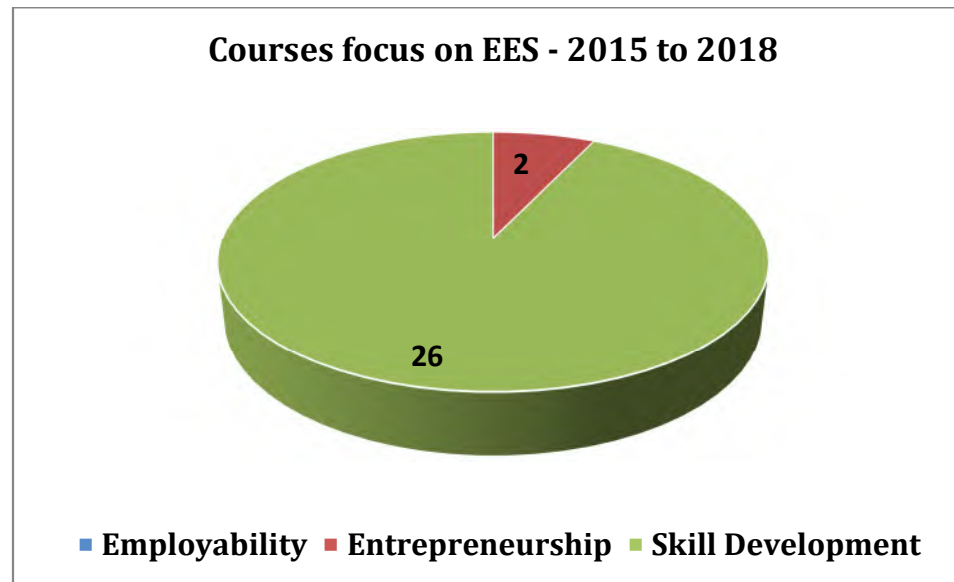
S. No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
			Percentage	0%	92.85%	7.14%	



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015 - 2018

Graphical Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018 - 2021

S.No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
1	I	18UBYC11	Plant Diversity I		YES		
2	I	18UBYC1p	Lab in Plant Diversity I		YES		
3	I	18UBYA11	General Chemistry-I		YES		
4	I	18UBYA1P	Chemistry Practical- Volumetric analysis		YES		
5	I	18UBYN11	Fundamentals of Botany		YES		
6	I	18UBYE1P	Nursery and Landscaping			YES	
7	II	18UBYC21	Plant Diversity II		YES		
8	II	18UBYC2P	Lab in Plant Diversity II		YES		
9	II	18UBYA21	General Chemistry-II		YES		
10	II	18UBYA2P	Chemistry Practical- Organic analysis		YES		
11	II	18UBYN21	Plant Resources and Utilization		YES		
12	II	18UBYE21	Morphology of Angiosperms		YES		
13	III	18UBYC31	Plant Anatomy and Embryology		YES		
14	III	18UBYC3P	Lab in Plant Anatomy and Embryology		YES		
15	III	18UBYA31	Invertebrata		YES		

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16	III	18UBYA3P	Lab in Zoology - I		YES		
17	III	18UBYS31	Medical Botany			YES	
18	III	18UBYV31	Mushroom Cultivation Technology			YES	
19	IV	18UBYC41	Microbiology and Plant Pathology		YES		
20	IV	18UBYC4P	Lab in Microbiology and Plant Pathology		YES		
21	IV	18UBYA41	Chordata		YES		
22	IV	18UBYA4P	Lab in Zoology - II		YES		
23	IV	18UBYO41	Biology for Entrepreneurship Development			YES	
24	IV	18UBYO42	Plant Breeding and Evolution		YES		
25	IV	18UBYO43	Consumer affairs		YES		
26	V	18UBYC51	Taxonomy of Angiosperms		YES		
27	V	18UBYC52	Plant Physiology and Biochemistry		YES		
28	V	18UBYC53	Cell and Molecular Biology		YES		
29	V	18UBYC5P	Lab in Taxonomy of Angiosperms		YES		
30	V	18UBYC5Q	Lab in Plant Physiology and Biochemistry		YES		
31	V	18UBYO51	Floral Biology and Breeding		YES		

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			System of Plants				
32	V	18UBY052	Ethnobotany and Bioresources		YES		
33	V	18UBYS51	Biological techniques and Biostatistics		YES		
34	V	18UBYS52	Forest Botany		YES		
35	VI	18UBYC61	Plant Ecology and Biodiversity Conservation		YES		
36	VI	18UBYC62	Plant Biotechnology		YES		
37	VI	18UBYC63	Genetics		YES		
38	VI	18UBYC6P	Lab in Plant Ecology and Biodiversity Conservation and Genetics		YES		
39	VI	18UBYC6Q	Lab in Plant Biotechnology		YES		
40	VI	18UBY061	Palynology and Pollination Biology		YES		
41	VI	18UBY062	Economic Botany		YES		
42	VI	18UBYS61	Horticulture			YES	
43	VI	18UBYV61	Biofertilizers			YES	
Total No. of Courses				0	37	6	
Percentage				0%	86.04%	13.95%	

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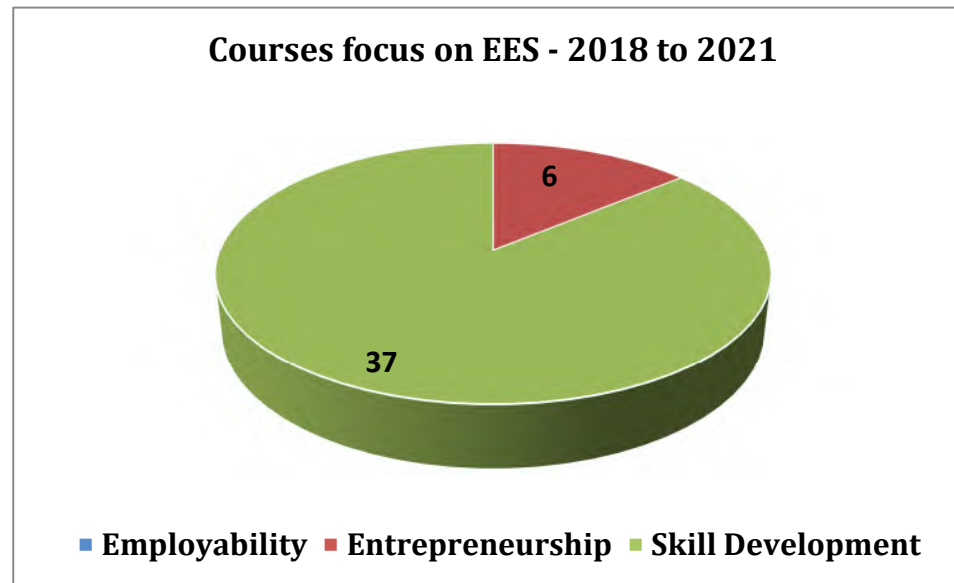


Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018 - 2021

Graphical

Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021 - 2024

S.No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
1	I	21UBYC11	Algae, Fungi, Lichens, and Bryophytes		YES		
2	I	21UBYC1P	Practical: Algae, Fungi, Lichens, and Bryophytes		YES		
3	I	21UBYA11	Chemistry-I		YES		
4	I	21UBYA1P	Practical: Volumetric analysis		YES		
5	I	21UESR11	Environmental Studies		YES		
6	I	21UBYS11	Nursery and Landscape Management			YES	
7	II	21UBYC21	Pteridophytes, Gymnosperms and Palaeobotany		YES		
8	II	21UBYC2P	Practical: Pteridophytes, Gymnosperms and Palaeobotany		YES		
9	II	21UBYA21	Chemistry-II		YES		
10	II	21UBYA2P	Practical: Organic analysis		YES		
11	II	21UBYS21	Biofertilizer Technology			YES	
12	III	21UBYC31	Plant Anatomy and Embryology		YES		

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13	III	21UBYC3P	Practical: Plant Anatomy and Embryology		YES		
14	III	21UBYA31	Invertebrata		YES		
15	III	21UBYA3P	Practical: Zoology - I		YES		
16	III	21UBYN31	Horticulture			YES	YES
17	III	21UBYS31	Mushroom Cultivation Technology			YES	
18	IV	21UBYC41	Microbiology and Plant Pathology	YES			
19	IV	21UBYC4P	Practical: Microbiology and Plant Pathology	YES			
20	IV	21UBYA41	Chordata		YES		
21	IV	21UBYA4P	Practical: Zoology - II		YES		
22	IV	21UBYM41	Cell culture Technologies			YES	YES
23	IV	21UBYM42	Computer Aided Drug Designing			YES	YES
24	IV	21UBYN41	Herbal Medicine			YES	YES
25	IV	21UBYS41	Biology for Entrepreneurship Development			YES	
26	V	21UBYC51	Taxonomy of Angiosperms		YES		
27	V	21UBYC52	Plant Physiology and Biochemistry		YES		
28	V	21UBYC5P	Practical: Taxonomy of Angiosperms		YES		

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29	V	21UBYC5Q	Practical: Plant Physiology and Biochemistry		YES		
30	V	21UBY051	Reproductive Biology of Angiosperms		YES		
31	V	21UBY052	Recent Trends in Plant Systematics		YES		
32	V	21UBY053	Emerging Molecular Techniques		YES		YES
33	V	21UBY054	Economic Botany			YES	
34	V	21UBY055	Plant Resources and Utilization			YES	YES
35	V	21UBY056	Prospective of Medicinal Plants			YES	YES
36	V	21UBYS51	Bioinstrumentation and Biostatistics	YES			
37	VI	21UBYC61	Plant Ecology and Phytogeography		YES		
38	VI	21UBYC62	Cell and Molecular Biology	YES			
39	VI	21UBYC63	Genetics and Plant Breeding	YES			
40	VI	21UBYC6P	Practical: Plant Ecology and Phytogeography		YES		
41	VI	21UBYC6Q	Practical: Cell and Molecular Biology and Genetics	YES			
42	VI	21UBY061	Biodiversity and	YES			

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			Conservation				
43	VI	21UBY062	Forest Botany	YES			
44	VI	21UBY063	Recent Advances in Botany	YES			YES
45	VI	21UBYS61	Techniques in Plant Biotechnology	YES			
Total No. of Courses				10	24	11	
Percentage				22.22%	53.33%	24.44%	



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Regulation 2021 - 2024

Graphical Representation

