



Department of Botany

Courses focus on Employability, Entrepreneurship and Skill development

| Particulars | Regulation 2017 - 2019 | Regulation 2018 - 2020 | Regulation 2021 - 2023 |
|------------------------------------|---------------------------|---------------------------|---------------------------|
| Courses Focusing Employability | 4 | 3 | 4 |
| Courses Focusing Skill Development | 14 | 16 | 19 |
| Courses Focusing Entrepreneurship | 1 | 2 | 2 |
| Total | 19 | 21 | 25 |



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2017 - 2019

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-------|----------|-------------|---|---------------|-------------------|------------------|--------------------------|
| 1 | I | 17PBYC11 | Taxonomy of Angiosperms | | YES | | YES |
| 2 | I | 17PBYC12 | Developmental Botany | | YES | | YES |
| 3 | I | 17PBYC13 | Instrumentation and Biotechniques | | YES | | YES |
| 4 | I | 17PBYC1P | Practical I Lab in taxonomy of Angiosperms, Developmental Botany, Instrumentation and Biotechniques | | YES | | YES |
| 5 | I | 17PBYO11 | Herbal Botany | | | YES | YES |
| 6 | II | 17PBYC21 | Plant Diversity (Algae,Fungi and Lichens, Bryophytes , Pteridophytes and Gymnosperms) | | YES | | YES |
| 7 | II | 17PBYC22 | Cell and Molecular Biology | | YES | | YES |
| 8 | II | 17PBYC23 | Bioinformatics and Biostatistics and Plant biotechnology | | YES | | YES |
| 9 | II | 17PBYC2P | Practical II -Lab in Plant Diversity,Cell and Molecular biology,Bioinformatics,Biostatistics | YES | | | YES |

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SRI KALISWARI COLLEGE (AUTONOMOUS)

Affiliated to Madurai Kamaraj University, Madurai
Re-accredited with 'A' grade (3rd cycle) by NAAC with CGPA 3.11

A.Meenakshipuram, Anaikuttam Post, SIVAKASI - 626 130. Tamilnadu

NAAC IV CYCLE

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-----------------------------|----------|-------------|--|---------------|-------------------|------------------|--------------------------|
| | | | and Plant Biotechnology | | | | |
| 10 | II | 17PBYO21 | Biodiversity and Conservation | YES | | | YES |
| 11 | III | 17PBYC31 | Microbiology and Plant pathology | | YES | | YES |
| 12 | III | 17PBYC32 | Genetics and Evolution | | YES | | YES |
| 13 | III | 17PBYC33 | Biochemistry | | YES | | YES |
| 14 | III | 17PBYC3P | Practical III Lab in Microbiology and Plant Pathology, Genetics and Evolution and Biochemistry | | YES | | YES |
| 15 | III | 17PBYN31 | Mushroom Cultivation | YES | | | YES |
| 16 | IV | 17PBYC41 | Plant Physiology | | YES | | YES |
| 17 | IV | 17PBYC42 | Plant Ecology | | YES | | YES |
| 18 | IV | 17PBYC4P | Practical IV Lab in Plant Physiology and Plant Ecology | | YES | | YES |
| 19 | IV | 17PBYJ41 | Project | YES | | | YES |
| Total No. of Courses | | | | 4 | 14 | 1 | |
| Percentage | | | | 21.05% | 73.68% | 5.26% | |

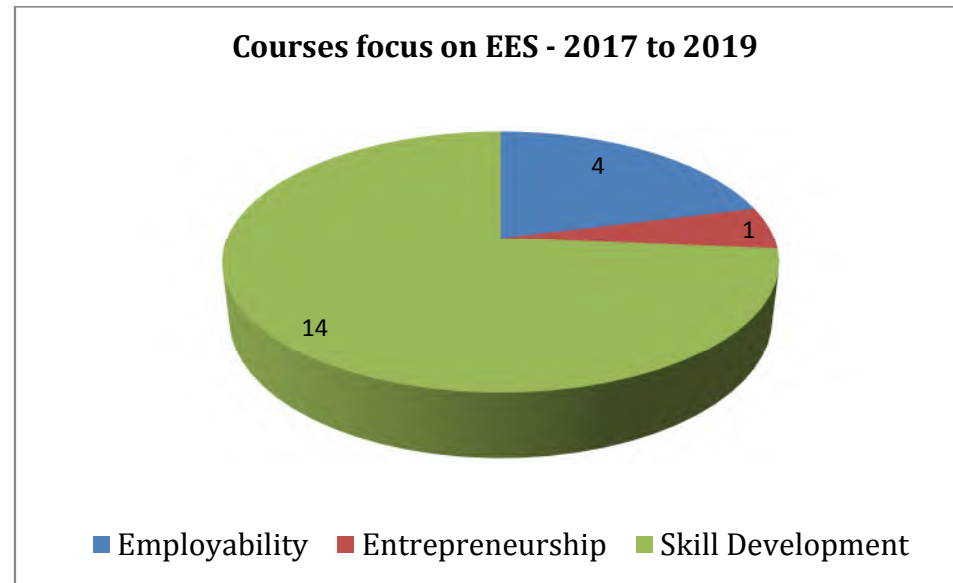
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Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2017 - 2019

Graphical Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018 - 2020

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-------|----------|-------------|--|---------------|-------------------|------------------|--------------------------|
| 1 | I | 18PBYC11 | Taxonomy of Angiosperms | | YES | | - |
| 2 | I | 18PBYC12 | Developmental Botany | | YES | | - |
| 3 | I | 18PBYC13 | Instrumentation and Bio-techniques | | YES | | - |
| 4 | I | 18PBYC1P | Practical I Lab in taxonomy of Angiosperms, Developmental Botany, Instrumentation and Bio-techniques | | YES | | - |
| 5 | I | 18PBYO11 | Herbal Botany | | | YES | - |
| 6 | I | 18PBYO12 | Biofertilizer Technology | | | YES | - |
| 7 | II | 18PBYC21 | Plant Diversity (Algae, Fungi and Lichens, Bryophytes, Pteridophytes and Gymnosperms) | | YES | | - |
| 8 | II | 18PBYC22 | Cell and Molecular Biology | | YES | | - |
| 9 | II | 18PBYC23 | Bioinformatics and Biostatistics and Plant biotechnology | | YES | | - |

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NAAC IV CYCLE

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-------|----------|-------------|--|---------------|-------------------|------------------|--------------------------|
| 10 | II | 18PBYC2P | Practical II : Lab in Plant Diversity, Cell and Molecular biology, Bioinformatics, Biostatistics and Plant Biotechnology | | YES | | - |
| 11 | II | 18PBYN21 | Mushroom Cultivation | YES | | | - |
| 12 | III | 18PBYC31 | Microbiology and Plant pathology | | YES | | - |
| 13 | III | 18PBYC32 | Genetics and Evolution | | YES | | - |
| 14 | III | 18PBYC33 | Biochemistry | | YES | | - |
| 15 | III | 18PBYC3P | Lab in Microbiology and Plant Pathology, Genetics and Evolution and Biochemistry | | YES | | - |
| 16 | III | 18PBYO31 | Biodiversity and Conservation | YES | | | - |
| 17 | III | 18PBYO32 | Palynology and Pollination Biology | | YES | | - |
| 18 | IV | 18PBYC41 | Plant Physiology | | YES | | - |
| 19 | IV | 18PBYC42 | Plant Ecology | | YES | | - |
| 20 | IV | 18PBYC4P | Lab in Plant Physiology and Plant Ecology | | YES | | - |
| 21 | IV | 18PBYJ41 | Project | YES | | | - |

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NAAC IV CYCLE

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-------|----------|-------------|-----------------------------|---------------|-------------------|------------------|--------------------------|
| | | | Total No. of Courses | 3 | 16 | 2 | |
| | | | Percentage | 14.28% | 76.19% | 9.52% | |

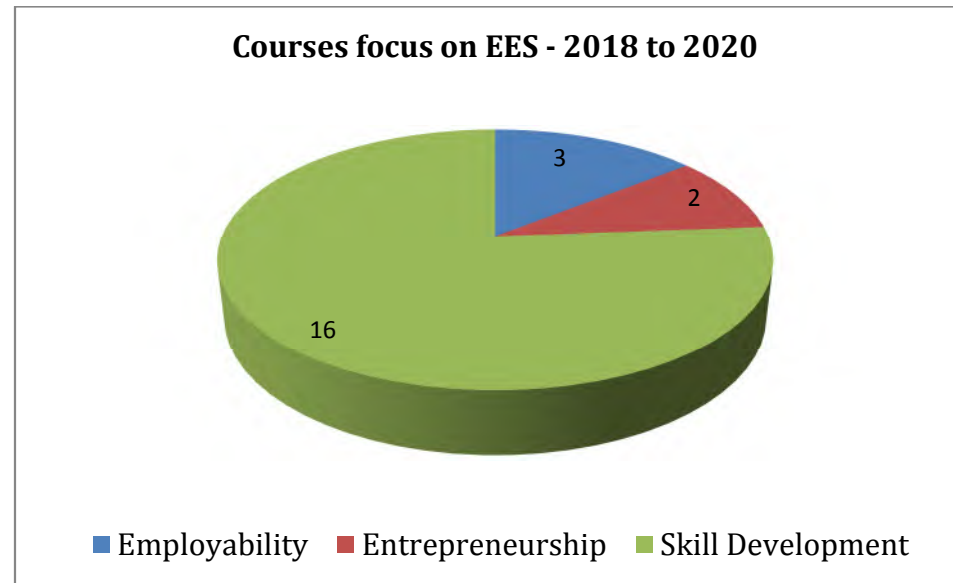
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Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2018 - 2020

Graphical Representation





Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021 - 2023

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-------|----------|-------------|--|---------------|-------------------|------------------|--------------------------|
| 1 | I | 21PBYC11 | Taxonomy of Angiosperms | | YES | | - |
| 2 | I | 21PBYC12 | Developmental Botany | | YES | | - |
| 3 | I | 21PBYC13 | Plant Diversity | | YES | | - |
| 4 | I | 21PBYC1P | Practical: Taxonomy of Angiosperms Developmental Botany and Plant Diversity | | YES | | - |
| 5 | I | 21PBYO11 | Herbal Technology | | | YES | - |
| 6 | I | 21PBYO12 | Biofertilizer Technology | | | YES | - |
| 7 | I | 21PBYO13 | Ethnobotany and Bio-resources | | YES | | YES |
| 8 | II | 21PBYC21 | Instrumentation Techniques and Biostatistics and Research Methodology | | YES | | - |
| 9 | II | 21PBYC22 | Cell and Molecular Biology | | YES | | - |
| 10 | II | 21PBYC23 | Plant Biotechnology and Bioinformatics | | YES | | - |
| 11 | II | 21PBYC2P | Practical: Instrumentation Techniques, Biostatistics, Cell and Molecular Biology, Plant Biotechnology and Bioinformatics | YES | | | - |

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NAAC IV CYCLE

| S.No. | Semester | Course Code | Course Name | Employability | Skill development | Entrepreneurship | Contemporary Requirement |
|-----------------------------|----------|-------------|---|---------------|-------------------|------------------|--------------------------|
| 12 | II | 21PBYN21 | Home Gardening | | YES | | YES |
| 13 | III | 21PBYC31 | Microbiology and Plant Pathology | | YES | | - |
| 14 | III | 21PBYC32 | Genetics and Evolution | | YES | | - |
| 15 | III | 21PBYC33 | Biochemistry | | YES | | - |
| 16 | III | 21PBYC3P | Practical: Microbiology, Plant Pathology, Genetics and Biochemistry | YES | | | - |
| 17 | III | 21PBYO31 | Biodiversity and Conservation | | YES | | - |
| 18 | III | 21PBYO32 | Palynology and Pollination Biology | | YES | | - |
| 19 | III | 21PBYO33 | Recent Advances in Botany | | YES | | YES |
| 20 | III | 21PBYM31 | Forests and their Management | | YES | | YES |
| 21 | III | 21PBYM32 | Applied Environmental Microbiology | YES | | | YES |
| 22 | IV | 21PBYC41 | Plant Physiology | | YES | | |
| 23 | IV | 21PBYC42 | Plant Ecology | | YES | | |
| 24 | IV | 21PBYC4P | Plant Physiology and Plant Ecology | | YES | | |
| 25 | IV | 21PBYJ41 | Project | YES | | | |
| Total No. of Courses | | | | 4 | 19 | 2 | |
| Percentage | | | | 14.28% | 76.19% | 9.52% | |

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Regulation 2021 - 2023

Graphical Representation

