



Department of Biotechnology
Courses focus on Employability, Entrepreneurship and Skill development

Particulars	Regulation 2015 - 2017	Regulation 2018 - 2020	Regulation 2021 - 2023
Courses Focusing Employability	2	5	5
Courses Focusing Skill Development	9	15	18
Courses Focusing Entrepreneurship	1	1	2
Total	12	21	25



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015 - 2017

S.No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
1	III	15PBTC31	Animal Biotechnology		YES		YES
2	III	15PBTC32	Immunology and Immunotechnology		YES		YES
3	III	15PBTC3P	Lab in Immunology and Immunotechnology	YES			YES
4	III	15PBT031	Enzymes and Enzyme Technology		YES		
5	III	15PBT032	Molecular Oncology		YES		YES
6	III	15PBTN31	Concepts in Biotechnology		YES		YES
7	III	15PBTN31	Cancer Biology		YES		YES
8	IV	15PBTC41	Plant Biotechnology		YES		YES
9	IV	15PBTC4P	Lab in Plant Tissue culture			YES	
10	IV	15PBTJ41	Project	YES			
11	IV	15PBT041	Genomics and Proteomics		YES		YES
12	IV	15PBT042	Environmental		YES		YES

CRITERION - I



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

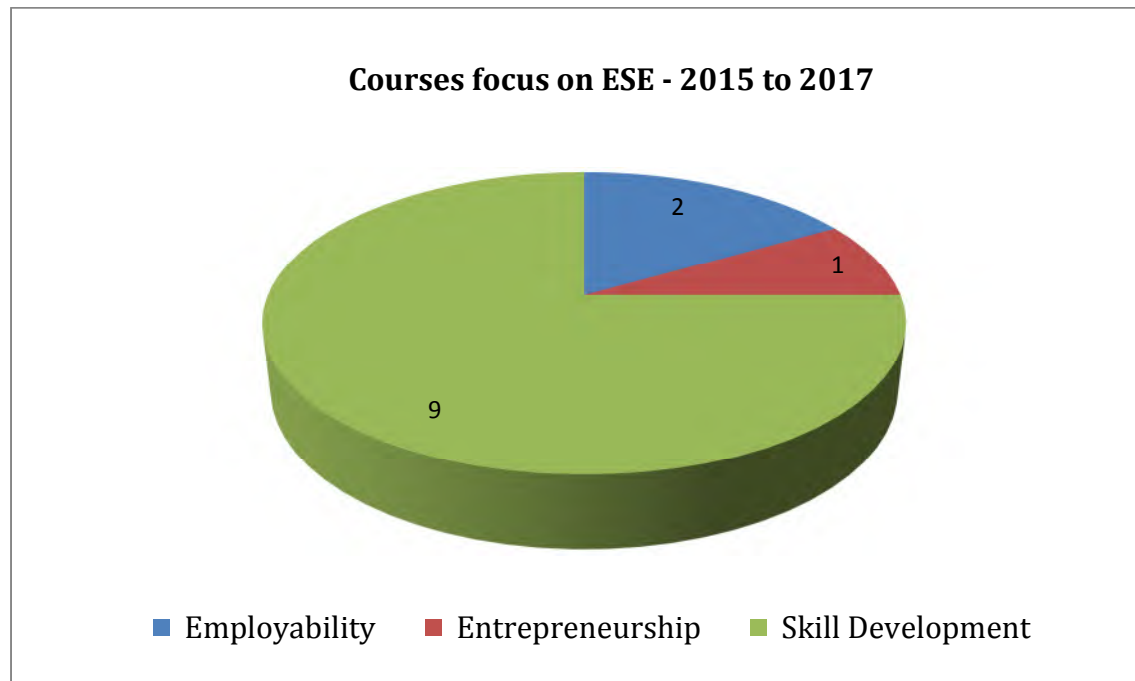
S.No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
			Biotechnology				
Total No. of Courses				2	9	1	
Percentage				16.6%	75%	8.3%	



Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2015 - 2017

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	18PBTC11	Biochemistry		YES		YES
2	I	18PBTC12	Microbiology	YES			YES
3	I	18PBTC13	Cell and Molecular Biology		YES		YES
4	I	18PBTC1P	Practical I: Lab in Biochemistry and Microbiology	YES			YES
5	I	18PBTO11	Biophysics and Biostatistics		YES		YES
6	II	18PBTO12	Bioinformatics		YES		
7	II	18PBTC21	Immunology and Immunotechnology		YES		YES
8	II	18PBTC22	Recombinant DNA Technology		YES		YES
9	II	18PBTC23	Microbial Genetics		YES		YES
10	II	18PBT C2P	Practical II: Lab in Immunology, Recombinant DNA Technology and Microbial Genetics	YES			
11	II	18PBNT21	Concepts in Biotechnology		YES		YES

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S.No	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
12	II	18PBTN22	Cancer Biology	YES			
13	III	18PBTC31	Plant Biotechnology		YES		
14	III	18PBTC32	Animal Biotechnology		YES		
15	III	18PBTC33	Genomics and Proteomics		YES		
16	III	18PBTC3P	Lab in Plant Biotechnology and Animal Biotechnology			YES	YES
17	III	18PBTO31	Enzymes and Enzyme Technology		YES		YES
18	III	18PBTO32	Molecular Oncology		YES		YES
19	IV	18PBTC41	Marine Biotechnology		YES		YES
20	IV	18PBTC42	Bioprocess Technology		YES		
21	IV	18PBTJ41	Project	YES			YES
Total No. of Courses				5	15	1	
Percentage				23.80%	71.42%	4.76%	

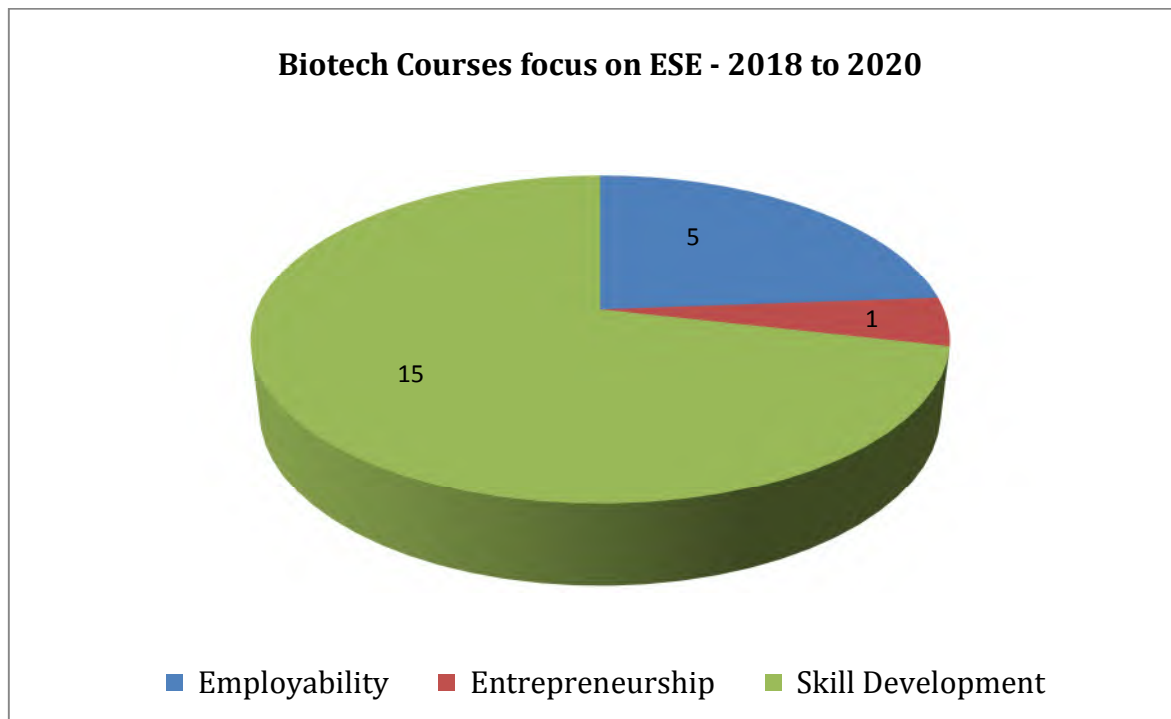
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Courses focus on Employability, Entrepreneurship and Skill development

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	21PBTC11	Cell and Developmental Biology		YES		YES
2	I	21PBTC12	Biomolecules		YES		YES
3	I	21PBTC13	Microbiology and Microbial Genetics		YES		YES
4	I	21PBTC1P	Practical: Biomolecules, Microbiology and Microbial Genetics	YES			YES
5	I	21PBTO11	Inheritance and Evolutionary Biology		YES		YES
6	I	21PBTO12	Stem Cell Biology		YES		YES
7	I	21PBTO13	Enzymes and Enzyme Technology		YES		YES
8	II	21PBTC21	Immunology and Immunotechnology		YES		YES
9	II	21PBTC22	Genetic Engineering		YES		
10	II	21PBTC23	Bioinformatics		YES		
11	II	21PBTC2P	Practical: Immunology and Genetic Engineering	YES			YES

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S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
12	II	21PBTN21	Food Science		YES		YES
13	III	21PBTC31	Plant and Animal Biotechnology		YES		YES
14	III	21PBTC32	Bioprocess Technology		YES		
15	III	21PBTC33	Agricultural and Environmental Biotechnology		YES		YES
16	III	21PBTC3P	Practical – III: Plant, Animal and Bioprocess Technology			YES	YES
17	III	21PBTO31	IPR, Bioethics and Biosafety		YES		YES
18	III	21PBTO32	Molecular Oncology		YES		
19	III	21PBTO33	Industrial Safety and regulations		YES		YES
20	III	21PBTM31	Forests and their Management	YES			YES
21	III	21PBTM32	Applied Environmental Microbiology	YES			YES
22	IV	21PBTC41	Bioinstrumentation and Biostatistics			YES	YES
23	IV	21PBTC42	Genomics and Proteomics		YES		
24	IV	21PBTC43	Research Methodology		YES		YES
25	IV	21PBTJ41	Project	YES			
Total No. of Courses				5	18	2	

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S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
			Percentage	20%	72%	8%	

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Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021 - 2023

Graphical Representation

