



### Department of Computer Applications

Courses focus on Employability, Entrepreneurship and Skill development

Particulars	Regulation 2015 - 2018	Regulation 2018 - 2021	Regulation 2021 - 2024
Courses Focusing Employability	19	21	23
Courses Focusing Skill Development	2	5	5
Courses Focusing Entrepreneurship	12	16	13
<b>Total</b>	<b>33</b>	<b>42</b>	<b>41</b>



### 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	15UCAC31	Programming in JAVA	YES			
2	III	15UCAC3P	Practical in JAVA Lab	YES			
3	III	15UCAA31	Digital Principals and Computer Organization.		YES		
4	III	15UCAS3P	Digital Lab		YES		
5	III	15UCAV31	Numerical Aptitude	YES			
6	IV	15UCAC41	Dot Net Programming	YES			
7	IV	15UCAC4P	Dot Net Programming Lab	YES			
8	IV	15UCAA41	Basic Financial Accounting			YES	
9	IV	15UCA041	Fundamentals of Data Structures and Algorithms		YES		
10	IV	15UCA042	Computer Oriented Numerical Methods		YES		
11	IV	15UCA043	Principles of Compiler Design.		YES		



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

## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
12	V	15UCAC51	Web Programming with PHP	YES			
13	V	15UCAC5P	Web Programming with PHP Lab`	YES			
14	V	15UCAC52	Relational Database Management System Concepts	YES			
15	V	15UCAC5Q	Relational Database Management System Lab	YES			
16	V	15UCAC53	Computer Networks and Security		YES		
17	V	15UCA051	Software Engineering & Testing	YES			
18	V	15UCA052	Object Oriented Analysis and Design	YES			
19	V	15UCA053	Management Information System	YES			YES
20	V	15UCAS5P	Tally Lab			YES	
21	V	15UCAS5Q	Computational Lab		YES		YES
22	V	15UCAV51	Soft Skill		YES		YES
23	V	15UCAJ51	<b>OJT-On Job Training</b>	YES			YES
24	VI	15UCAC61	Operating System	YES			
25	VI	15UCAC62	Advanced Computing		YES		YES

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
			Techniques				
26	VI	15UCAC63	Computer Graphics	YES			
27	VI	15UCAC6P	Computer Graphics Lab	YES			
28	VI	15UCAJ6P	Project Lab & Viva Voce	YES			
29	VI	15UCA061	Fundamentals of Data Mining and Bioinformatics	YES			YES
30	VI	15UCA062	Introduction to Soft Computing		YES		YES
31	VI	15UCA063	Artificial Intelligence	YES			YES
32	VI	15UCAS6P	Virtual Gaming Lab		YES		YES
33	VI	15UCAV6Q	UNIX Lab		YES		
<b>Total No of courses</b>				<b>19</b>	<b>12</b>	<b>2</b>	
<b>Percentage</b>				<b>57.57%</b>	<b>36.36%</b>	<b>6.06%</b>	

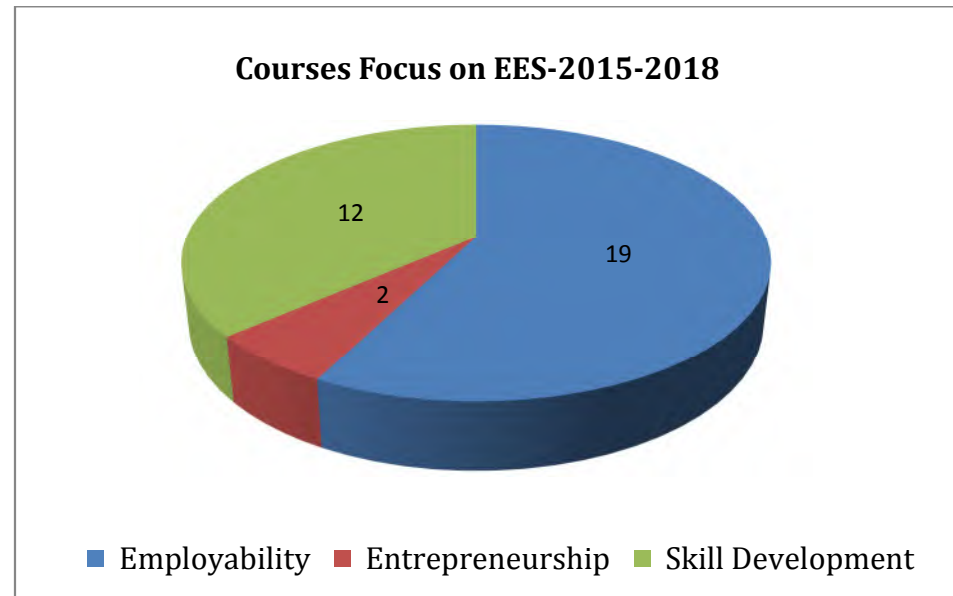
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### Courses focus on Employability, Entrepreneurship and Skill development

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	18UCAC11	Foundation Course - C Programming	YES			
2	I	18UCAC1P	C Programming Lab	YES			
3	I	18UCAA11	Mathematical Foundations		YES		
4	I	18UCAN11	Basics of Computers		YES		
5	I	18UCAE1P	Libre Office Lab			YES	
6	II	18UCAC21	Object Oriented Programming with C++	YES			
7	II	18UCAC2P	Object Oriented Programming with C++ Lab	YES			
8	II	18UCAA21	Operations Research	YES			
9	II	18UCAN21	Web Programming		YES		
10	II	18UCAE2P	Pre-Press Design Lab			YES	
11	III	18UCAC31	Programming in Java	YES			

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
12	III	18UCAC3P	Programming in Java Lab	YES			
13	III	18UCAA31	Digital Principles and Computer Organization		YES		
14	III	18UCAS3P	Digital Lab		YES		
15	III	18UCAV31	Numerical Aptitude	YES			
16	IV	18UCAC41	Data Base Management System	YES			
17	IV	18UCAC4P	Web Programming with Open Source and DBMS Lab	YES			
18	IV	18UCAA41	Basic Financial Accounting			YES	
19	IV	18UCAO41	Web Programming with Open Source	YES			YES
20	IV	18UCAO42	Artificial Intelligence & Expert Systems	YES			
21	IV	18UCAO43	Consumer Affairs		YES		YES
22	V	18UCAC51	Dot Net Programming	YES			
23	V	18UCAC5P	Dot Net Programming Lab	YES			
24	V	18UCAC52	Software Engineering and Testing	YES			

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
25	V	18UCAC5Q	Mobile Application Development Lab			YES	YES
26	V	18UCAC53	Computer Networks and Security		YES		
27	V	18UCA051	Fundamentals of Data Structures and Algorithms		YES		
28	V	18UCA052	Cyber Security		YES		YES
29	V	18UCA053	Soft Computing		YES		
30	V	18UCAS5P	Accounting Package Lab			YES	
31	V	18UCAS5Q	Python Programming Lab	YES			YES
32	V	18UCAJ51	On Job Training	YES			
33	VI	18UCAC61	Operating System	YES			
34	VI	18UCAC62	Advanced Computing Techniques		YES		
35	VI	18UCAC63	Computer Graphics & Multimedia	YES			
36	VI	18UCAC6P	Computer Graphics Lab	YES			
37	VI	18UCAJ6P	Project and Viva Voce	YES			

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill Development	Entrepreneurship	Contemporary Requirement
38	VI	18UCA061	Fundamentals of Data Mining and Bioinformatics		YES		
39	VI	18UCA062	Big Data Analytics		YES		YES
40	VI	18UCA063	Introduction to Internet of Things		YES		YES
41	VI	18UCAS6P	Virtual Gaming Lab		YES		
42	VI	18UCAV6Q	Linux Shell Programming Lab		YES		
<b>Total No of courses</b>				<b>21</b>	<b>16</b>	<b>5</b>	
<b>Percentage</b>				<b>50%</b>	<b>38.09%</b>	<b>11.90%</b>	

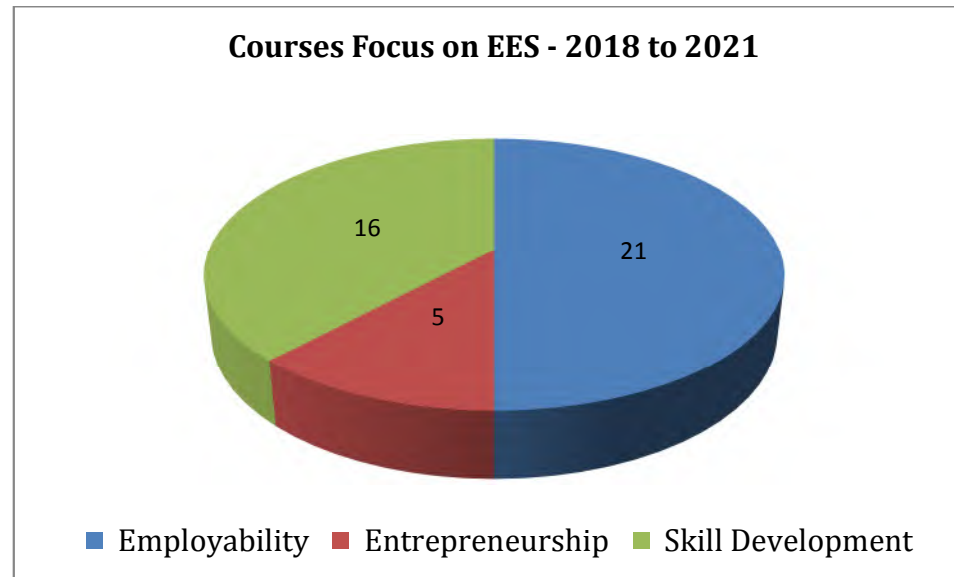
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Regulation 2018 - 2021

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	21UCAC11	Programming in C	YES			
2.	I	21UCAC1P	Practical: C Programming	YES			
3.	I	21UCAA11	Mathematical Foundations	YES			
4.	I	21UCAS1P	Practical: Office Automation			YES	
5.	II	21UCAC21	Object Oriented Programming with C++	YES			
6.	II	21UCAC2P	Practical: Object Oriented Programming with C++	YES			
7.	II	21UCAA21	Operations Research	YES			
8.	II	21UCAS2P	Practical : PrePress Designing			YES	
9.	III	21UCAC31	Object Oriented Programming with JAVA	YES			
10.	III	21UCAC3P	Practical: Object Oriented Programming with JAVA	YES			
11.	III	21UCAA31	Digital Principles And Computer Organization		YES		



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## NAAC IV CYCLE

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12.	III	21UCAN31	Basics of Computers			YES	
13.	III	21UCAS3P	Practical: Digital Electronics		YES		
14.	IV	21UCAC41	Open Source Technology And RDBMS	YES			
15.	IV	21UCAC4P	Practical : Open Source Technology And RDBMS	YES			
16.	IV	21UCAAA41	Basics of Financial Accounting			YES	
17.	IV	21UCAM41	Soft Skills		YES		YES
18.	IV	21UCAM42	Cloud Computing		YES		YES
19.	IV	21UCAN41	Web Programming	YES			
20.	IV	21UCAS41	Numerical Aptitude	YES			
21.	V	21UCAC51	Computer Graphics And Image Processing	YES			
22.	V	21UCAC5P	Practical: Computer Graphics And Image Processing	YES			
23.	V	21UCAC52	Software Engineering	YES			
24.	V	21UCAC5Q	Practical: Android Applications & Virtual Gaming		YES		
25.	V	21UCAO51	Computer Networks		YES		

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
26.	V	21UCA052	E - Commerce Technologies	YES			YES
27.	V	21UCA053	Artificial Intelligence and Expert Systems	YES			
28.	V	21UCA054	Data Structures and Algorithms		YES		
29.	V	21UCA055	.Cyber Security		YES		
30.	V	21UCA056	Soft Computing		YES		
31.	V	21UCAS5P	Practical: Accounting Package			YES	
32.	V	21UCAJ51	Internship	YES			
33.	VI	21UCAC61	System Software and Operating Systems	YES			YES
34.	VI	21UCAC62	Programming in Python	YES			YES
35.	VI	21UCAC6P	Practical: Python and R Programming	YES			YES
36.	VI	21UCAC63	Advanced Computing		YES		
37.	VI	21UCAJ61	Project	YES			
38.	VI	21UCA061	Data Mining and Warehousing	YES			
39.	VI	21UCA062	Bigdata Analytics		YES		
40.	VI	21UCA063	Internet of Things		YES		

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## NAAC IV CYCLE

S.No.	Semester	Course Code	Course Name	Employability	Skill development	Entrepreneurship	Contemporary Requirement
41.	VI	21UCAS6P	Practical: Shell Programming		YES		
<b>Total No of courses</b>				<b>23</b>	<b>13</b>	<b>5</b>	
<b>Percentage</b>				<b>56.09%</b>	<b>31.70%</b>	<b>12.19%</b>	





### Courses focus on Employability, Entrepreneurship and Skill development

Regulation 2021 - 2024

Graphical Representation

