

**KAKATIYA UNIVERSITY WARANGAL 506 009**  
**Scheme for under Choice Based Credit System**  
**With Effect from the Academic Year 2016-2019**  
**B.SC. PROGRAMME**

**FIRST YEAR**

**SEMESTER - I**

Code	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Lab Practical	
BS101	AECC-1	ENVIRONMENTAL STUDIES	2	2	10	40	-	50
BS102	CC-1A	ENGLISH	5	5	20	80	-	100
BS103	CC-2A	SECOND LANGUAGE	5	5	20	80	-	100
BS104	DSC-1A	OPTIONAL - I	4	4	20	80	25	125
		OPTIONAL – I LAB	1	2				
BS105	DSC-2A	OPTIONAL – II	4	4	20	80	25	125
		OPTIONAL – II LAB	1	2				
BS106	DSC-3A	OPTIONAL – III	4	4	20	80	25	125
		OPTIONAL – III LAB	1	2				
Summary of Credits			27	-	-	-	-	625

**SEMESTER - II**

Code	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Lab Practical	
BS201	AECC-2	GENDER SENSITISATION	2	2	10	40	-	50
BS202	CC-1B	ENGLISH	5	5	20	80	-	100
BS203	CC-2B	SECOND LANGUAGE	5	5	20	80	-	100
BS204	DSC-1B	OPTIONAL - I	4	4	20	80	25	125
		OPTIONAL – I LAB	1	2				
BS205	DSC-2B	OPTIONAL – II	4	4	20	80	25	125
		OPTIONAL – II LAB	1	2				
BS206	DSC-3B	OPTIONAL – III	4	4	20	80	25	125
		OPTIONAL – III LAB	1	2				
Summary of Credits			27	-	-	-	-	625

**AECC:** Ability Enhancement Compulsory Course;

**SEC:** Skill Enhancement Course;

**DSC:** Discipline Specific Course;

**DSE:** Discipline Specific Effective;

**GE:** Generic Elective;

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**SECOND YEAR**

**SEMESTER - III**

Code	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Lab Practical	
BS 301	SEC-1	Computer Basics and Automation	2	2	10	40	-	50
BS 302	CC-1C	ENGLISH	5	5	20	80	-	100
BS 303	CC-2C	SECOND LANGUAGE	5	5	20	80	-	100
BS 304	DSC-1C	OPTIONAL - I	4	4	20	80	25	125
		OPTIONAL – I LAB	1	2				
BS 305	DSC-2C	OPTIONAL – II	4	4	20	80	25	125
		OPTIONAL – II LAB	1	2				
BS 306	DSC-3C	OPTIONAL – III	4	4	20	80	25	125
		OPTIONAL – III LAB	1	2				
Summary of Credits			<b>27</b>	-	-	-	-	<b>625</b>

**SEMESTER - IV**

Code	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Lab Practical	
BS401	SEC-2	Multimedia Application	2	2	10	40	-	50
BS402	CC-1D	ENGLISH	5	5	20	80	-	100
BS403	CC-2D	SECOND LANGUAGE	5	5	20	80	-	100
BS404	DSC-1D	OPTIONAL - I	4	4	20	80	25	125
		OPTIONAL – I LAB	1	2				
BS405	DSC-2D	OPTIONAL – II	4	4	20	80	25	125
		OPTIONAL – II LAB	1	2				
BS406	DSC-3D	OPTIONAL – III	4	4	20	80	25	125
		OPTIONAL – III LAB	1	2				
Summary of Credits			<b>27</b>	-	-	-	-	<b>625</b>

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**FINAL YEAR**

**SEMESTER - V**

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 501	SEC-3	<b>Verbal Reasoning for Aptitude Test</b> (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 502	GE-I	<b>Public Health and Hygiene</b> (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 503	DSC-1E	OPTIONAL – I	3	3	20	80	100	125
		OPTIONAL – I LAB	1	2	-	25	25	
BS 504	DSC-2E	OPTIONAL – II	3	3	20	80	100	125
		OPTIONAL – II LAB	1	2	-	25	25	
BS505	DSC-3E	OPTIONAL – III	3	3	20	80	100	125
		OPTIONAL – III LAB	1	2	-	25	25	
BS506	DSE-1E	OPTIONAL – I Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – I Elective (A/B/C) LAB	1	2	-	25	25	
BS507	DSE-2E	OPTIONAL – II Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – II Elective (A/B/C) LAB	1	2	-	25	25	
BS508	DSE-3E	OPTIONAL – III Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – III Elective (A/B/C) LAB	1	2	-	25	25	
		<b>Summary of Credits</b>	<b>28</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>850</b>

- \*DSC: Discipline Specific Course (Core)
- \*SEC: Skill Enhancement Courses
- \*DSE: Discipline Specific Elective (Elective).

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**SEMESTER - VI**

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 601	SEC-4	<b>Quantitative Aptitude Test</b> (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 602	GE-II	<b>Water Resources Management</b> (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 603	DSC-1F	<b>OPTIONAL - I</b>	3	3	20	80	100	125
		<b>OPTIONAL – I LAB</b>	1	2	-	25	25	
BS 604	DSC-2F	<b>OPTIONAL – II</b>	3	4	20	80	100	125
		<b>OPTIONAL – II LAB</b>	1	2	-	25	25	
BS 605	DSC-3F	<b>OPTIONAL – III</b>	3	3	20	80	100	125
		<b>OPTIONAL – III LAB</b>	1	2	-	25	25	
BS 606	DSE-1F	<b>OPTIONAL – I Elective (A/B/C)</b>	3	3	20	80	100	125
		<b>OPTIONAL – I Elective (A/B/C) LAB</b>	1	2	-	25	25	
BS 607	DSE-2F	<b>OPTIONAL – II Elective (A/B/C)</b>	3	3	20	80	100	125
		<b>OPTIONAL – II Elective (A/B/C) LAB</b>	1	2	-	25	25	
BS 608	DSE-3F	<b>OPTIONAL – III Elective (A/B/C)</b>	3	3	20	80	100	125
		<b>OPTIONAL – III Elective (A/B/C) LAB</b>	1	2	-	25	25	
<b>Summary of Credits</b>			<b>28</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>850</b>

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\*SEC: Skill Enhancement Courses

\*DSE: Discipline Specific Elective (Elective).