

**KAKATIYA UNIVERSITY, WARANGAL - 506 009**  
**B.Sc. PROGRAMME**  
**Under CBCS System**  
**Scheme wef A.Y: 2019-20**

**FIRST YEAR**

**SEMESTER - I**

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS101	AECC-1	Environmental Science	2	2	10	40	-	50
BS102	FL-1A	English	4	4	20	80	-	100
BS103	SL-1A	Second Language	4	4	20	80	-	100
BS104	DSC-1A	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS105	DSC-2A	Optional– II	4	4	20	80	25	125
		Optional – II LAB	1	3				
BS106	DSC-3A	Optional – III	4	4	20	80	25	125
		Optional – III LAB	1	3				
		<b>TOTAL:</b>	<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

**SEMESTER – II**

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS201	AECC-2	Basic Computer Skills (Taught by: Computer Science)	2	2	10	40	-	50
BS202	FL-2B	English	4	4	20	80	-	100
BS203	SL-2B	Second Language	4	4	20	80	-	100
BS204	DSC-1B	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS205	DSC-2B	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS206	DSC-3B	Optional – III	4	4	20	80	25	125
		Optional – III LAB	1	3				
		<b>TOTAL :</b>	<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

**KAKATIYA UNIVERSITY, WARANGAL - 506 009****B.Sc. PROGRAMME****Under CBCS System****Scheme wef A.Y: 2020-21****SECOND YEAR****SEMESTER - III**

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 301	SEC-1	Fundamentals of Nano Technology (Taught by : Physics)	2	2	10	40	-	50
BS 302	SEC-2	Bio Statistics (Taught by : Statistics)	2	2	10	40	-	50
BS 303	FL-3 A	English	3	3	15	60	-	75
BS 304	SL-3 B	Second Language	3	3	15	60	-	75
BS 305	DSC-1C	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 306	DSC-2C	Optional – II	4	4	20	80	25	125
		Optional– II Lab	1	3				
BS 307	DSC-3C	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
<b>TOTAL:</b>			<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

**SEMESTER - IV**

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS401	SEC-3	Fundamentals of Python (Taught by: Computer Science)	2	2	10	40	-	50
BS402	SEC-4	Remedial Methods of Pollution – Drinking Water & Soil Fertility (Taught by: Chemistry)	2	2	10	40	-	50
BS403	FL-4 A	English	3	3	15	60	-	75
BS404	SL-4 B	Second Language	3	3	15	60	-	75
BS405	DSC-1D	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS406	DSC-2D	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS407	DSC-3D	Optional – III	4	4	20	80	25	125
		Optional– III Lab	1	3				
<b>TOTAL :</b>			<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

**KAKATIYA UNIVERSITY, WARANGAL - 506 009**  
**B.Sc. PROGRAMME**  
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**Scheme wef A.Y: 2021-2022**

**THIRD YEAR**

**SEMESTER - V**

Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 501	FL-5 A	English	3	3	15	60	-	75
BS 502	SL-5 B	Second Language	3	3	15	60	-	75
BS 503	G.E.	Water Resources Management (Taught by: Any Science Dept.)	4	4	20	80	-	100
BS 504	DSE-1E	Optional – I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 505	DSE-2E	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS506	DSE-3E	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
<b>TOTAL:</b>			<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

**SEMESTER - VI**

Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 601	FL-6A	English	3	3	15	60	-	75
BS 602	SL-6 B	Second Language	3	3	15	60	-	75
BS 603	P.W / Optional	Optional: Public Health & Hygiene (Taught by: Zoology / Botany / Biotechnology / Micro Biology )	4	4	20	80	-	100
BS 604	DSE-1F	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 605	DSE-2F	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS 606	DSE-3F	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
<b>TOTAL:</b>			<b>25</b>	<b>-</b>	<b>110</b>	<b>440</b>	<b>75</b>	<b>625</b>

NSS/NCC/Sports/Extra Curricular	Credits under Non – CGPA 6	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)
Summer internship	4	Up to 4 ( 2 in each, after I & II years	Up to 4 ( 2 in each, after I & II years	Up to 4 ( 2 in each, after I & II years

**F.L** : First Language;

**S.L** : Second Language;

**A.E.C.C**: Ability Enhancement Compulsory Course;

**S.E.C** : Skill Enhancement Course;

**D.S.C** : Discipline Specific Course;

**D.S.E** : Discipline Specific Effective;

**G.E** : Generic Elective;

**P.W** : Project Work;