# **GOVERNMENT DEGREE COLLEGE NARSAMPET**

# **CRITERIA I**

# **METRIC 1.3.2**

### Percentage of Programmes that include Experiential Learning through Project work/Field Work/Internship

S.No	Academic Year	Number of Programmes offered by the College	Number of Programmes that include Experiential Learning through Project work/Field Work/Internship	Percentage of Programmes that include Experiential Learning through Project work/Field Work/Internship
01	2020-21	06	06	100
02	2019-20	06	06	100
03	2018-19	18	18	100
04	2017-18	12	12	100
05	2016-17	12	12	100

### Details of the Subjects that include Experiential Learning through Project work/Field Work/Internship across all course and years

S.No	Name of the Programme	Name of the Subject	Year and Semester	Nature of Experiential Learning
		Environment Studies	I Year/ I Semester	Field Study
01	BA (all Combinations)	Project Planning and Report Writing	II Year / I Semester	Project Report
		Summer Internship	III Year / II Semester	Summer Internship
02	B.Sc (Life	Environment Studies	I Year / I Semester	Field Study
02	Sciences)	Summer Internship	· Internship III Year / II Semester Summer Internship	
03	B.Sc (Physical	Environment Studies	I Year / I Semester	Field Study
03	Sciences)	Summer Internship	III Year / II Semester	Summer Internship
		Environment Studies	I Year / I Semester	Field Study
04	B.Com (All Combinations)	Research Methodology and Project Report	III Year / II Semester	Project Report
		Summer Internship	III Year / II Semester	Summer Internship

# Proceedings of the Registrar, Kakatiya University, Warangal regarding the implementation of CBCS in all the UG Colleges from the academic year 2016-17

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	PROF. KHAJA ALTHAF HUSSAIN REGISTRAR OFFICE OF THE REGISTRAR KAKATIYA UNIVERSITY WARANGAL - 506 009	
1- 	No. 199 /B2//KU/2016 Date: 2-03-2016	
	То	
-	The Principals of University & Affiliated Colleges Offering U.G. (Professional & Non-Professional) courses KAKATIYA UNIVERSITY	1
n	Sub:- Implementation of Choice Based Credit System in U.G. (Professional & Non-Professional) courses from the academic year 2016-2017 – Regarding.	
	Sir/Madam,	
	The Higher Education Department, Government of Telangana on the directions of M.H.R.D. deliberated at various levels and took a decision making the implementation of Choice Based Credit System mandatory at UG level for all Colleges.	
	In view of this, it is to inform you in advance that the implementation of CBCS is mandatory in all U.G. courses (Professional & Non-Professional) in all Colleges under the jurisdiction of Kakatiya University from the academic year 2016-2017.	
	Therefore, it is to bring it to the notice of the Managements and Principals to bring awareness among all the stake holders by downloading the relevant material from UGC website and also Kakatiya University website.	
	In this connection, a meeting of Principals of all the Under-Graduate (Non- Professional) colleges is convened on 14 <sup>th</sup> March, 2016 at 10.30 a.m. in the Senate Hall of Administrative Building on the University campus to discuss (i) Implementation of Choice Based Credit System (ii) Uploading of D.C.FII form of All India Survey on Higher Education (AISCHE) portal.	
	The out-station members shall paid TA & DA as per norms from the provision of "20% Registration Fee" kept at the disposal of the respective colleges for academic activities.	
	Kindly make it convenient to attend the meeting without fail.	
	Yours faithfully,	
	i ours intuituity,	
	RÉGISTRAR	
Parate a	No a contra a	

#### Proceedings of the Registrar, Kakatiya University, Warangal regarding the teaching of Gender Sensitisation subject in I year II Semester in all UG Courses.

PROF. K. PURUSHOTHAM OFFICE OF THE REGISTRAR REGISTRAR KAKATIYA UNIVERSITY WARANGAL - 506 009 No. 9 14, /B2//KU/2017 Date; 2+07-2017 To All the Principals of University/Affiliated Colleges offering Under-Graduate (N.P.) courses KAKATIYA UNIVERSITY Sub:- CHOICE BASED CREDIT SYSTEM (C.B.C.S.) - Teaching of Gender Sensitization subject by qualified P.G. Gender Studies candidates Instructions - Regarding. Sir/Madam, With reference to the subject cited. I am to inform you that the subject, Gender Sensitization in I year II Semester of Under-Graduate courses may be taught by the qualified P.G. Gender Studies candidates, where available. If such candidates are not available, M.A. Sociology & Master of Social Work candidates may be utilized.

Please take action accordingly.

Yours faithfully, REGISTRAR

#### Copy to:

- 1. The Dean, College Development Council, KU
- 2. The Dean, Academic Audit, KU
- 3. The Dean, Faculty of Social Sciences, KU
- The Secretary to Vice-Chancellor, KU
   The SF.

### Syllabus of Gender Sensitisation which was being taught in the First year of all UG Courses. This paper involved practical activities such as survey and group project

#### **SYLLABUS**

#### GENDER SENSITISATION

#### Unit - 1 (Theory) 1 credit - 1 hour of instruction per week.

- 1. Gender: Definition, Nature and Evolution, Culture, Tradition, Historicity.
- 2. Gender Spectrum: Biological, Sociological, Psychological Conditioning.
- 3. Gender based division of labour domestic work and use value.
- 4. Gender, Human Rights and Parity (parallel progress of both genders).

Unit - II (Practical Activity) 1 credit - 2 hours of activity per week.

Group discussion, Presentation, Role play, Survey, Case studies, Group project based on following issues:

- · Respect and Co-Existence.
- Social, Biological, Psychological, Political, Economic, Cultural, Health issues.
- Domestic Violence, Evc-tcasing, Sexual Harassment.
- Real Life Experiences of Gender Interaction.
- Print and Electronic Media and Gender Inequalities.
- Contemporary Challenges.

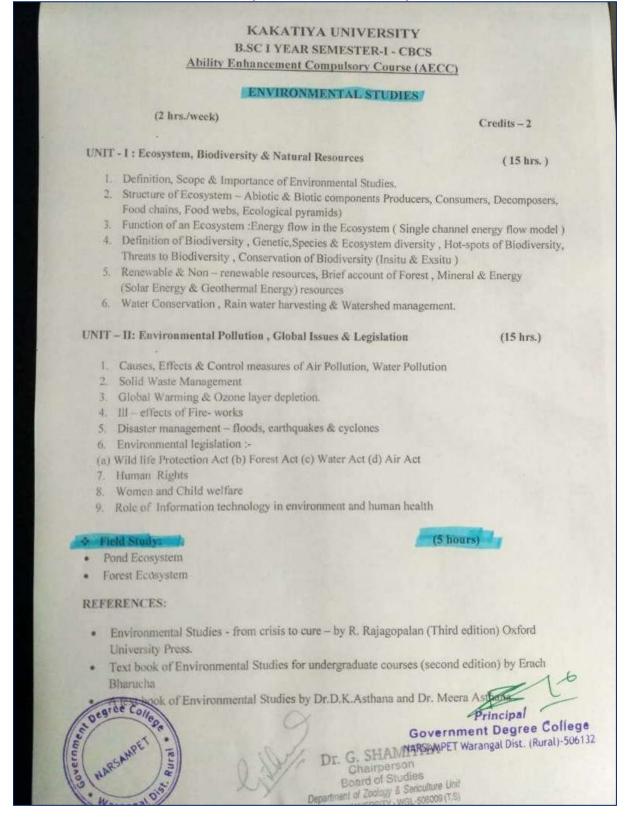
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Principal Government Degree College NARSAMPET Warangal Dist. (Rural)-506132



#### Syllabus of Environmental Studies taught in the first year of all UG Courses. This paper involves 05 hours towards field study for understanding Pond Ecosystem and Forest Ecosystem



# **BA Programme Course Pattern under CBCS wef 2016-17**

20100		CAKATIYA UNIVERSITY Scheme for under Choice With Effect from the Acad	Based Cr lemic Yea	edit Sys r 2016-2	tem		
PDI	Compres	SSOF Free Version PROG		and the	à		
Code	Course	FIRST YEAR	No.of	SIER -	1	x. Marks	Total Marl
Goue	category	Title of the Paper	credits	HPW	1 A	End Exam	Totarmari
B A 101	AECC-1	Environmental Studies	2	2	10	40	50
B A 101	CC-1A	ENGLISH	5	5	20	80	100
B A 102	CC-2A	SECOND LANGUAGE	5	5	20	80	100
B A 103	and the second se		5	5	20	80	100
B A 105	DSC-1A	OPTIONAL -1	5	5	20	80	100
B A 106	DSC-2A	OPTIONAL - II	5	5	20	11.07	(0-1-1-1-0)
BA 100	DSC-3A	OPTIONAL - III	-	-		80	100
	Summa	ary of Credits	27	27	110	440	.550
		FIRST YEAR	- SEME	STER .	11		
Code	Course	TINGTTEAN	No.of	JILK		x. Marks	Total Mark
	category	Title of the Paper	credits	HPW	14	End Exam	Totarmar
0 4 004	4500.0	CENDER OF NOTION TION	2	2	10	40	50
B A 201	AECC-2	GENDER SENSITISATION	5	5	20	80	100
B A 202	CC-1B	ENGLISH	-				S Setting
B A 203 B A 204	CC-2B	SECOND LANGUAGE	5	5	20	80	100.
	DSC-1B	OPTIONAL - I	5	5	20	80	100
B A 205	DSC-2B	OPTIONAL - II	5	5	20	80	100
B A 205	DSC-3B	OPTIONAL - III ary of Credits	5	5	20	80 440	100 550
	10	SECOND YEA		STER			Trans and the second
Code	Course category	Title of the Paper	No.of	HPW		x. Marks	Total Mark
The second second		Communication Skills in	credits 2	2	10	End Exam 40	50
B A 301	SCC-1	English	-	-			-
B A 302	CC-1C	ENGLISH	5	5	20	80	100
B A 303	CC-2C	SECOND LANGUAGE	5	5	20	80	100
B A 304	DSC-1C	OPTIONAL - I	5	5	20	80	100
B A 305	DSC-2C	OPTIONAL - II	5	5	20	80	100
B A 306	DSC-3C	OPTIONAL - III	5	5	20	80	100
	Summa	rry of Credits	27	27	110	440	550
		SECOND YEA	P.SEM	STEP	- IV		
Code	Course	CECCIE TEA	No.of	UTER		x. Marks	Total Mark
	category	Title of the Paper	credits	HPW	IA	End Exam	Conceptual
TORNER STREET, SALESSEE	SEC-2	Banking & Insurance	2	2	10	40	50
B A 401	CC-1D	ENGLISH	5	5	20	80	100
B A 401 B A 402	CC-2D	SECOND LANGUAGE	5	5	20	80	100
B A 402	12/	OPTIONAL - I	5	5	20	80	100
	DSC-1D		5	5	20	80	100
B A 402 B A 403	DSC-1D DSC-2D	OPTIONAL - II	-	-		1	
B A 402 B A 403 B A 404 B A 405	DSC-2D	OPTIONAL - II	<b>5</b>	5	20	80	
B A 402 B A 403 B A 404	DSC-2D DSC-3D	OPTIONAL +III	5	5	20	80	100
B A 402 B A 403 B A 404 B A 405 B A 405	DSC-2D DSC-3D Summa		27	5 27 Enhanc	110	440	550

nfp#esso	rderee V	ersion	No.of	HPW	M	ax. Marks	Total
	category	Title of the Paper	credits		IA	End Exam	Marks
B A 501	SEC-3	Telangana Heritage and Cuiture	2	2	10	40	50
B A 502	GE-1	Water Resource Management	2	2	10	40	50
B A 503	DSC-1E	OPTIONAL -I	4	4	20	80	100
BASSA		OF TONAL VETSION	4	4	20	80	100
B A 505	DSC-3E	OPTIONAL - III	4	4	20	80	100
B A 506	DSC-4E	OPTIONAL -I A	4	4	20	80	100
B A 507	DSC-5E	OPTIONAL -II B	4	4	20	80	100
B A 508	DSC-6E	OPTIONAL - III C	4	4	20	80	100
the provide state of		immary of Credits	28	28	140	560	700
						1	
Code	Course	FINAL YEAR - SE	No.of	HPW	I M	ax. Marks	Total
Cour	category	Title of the Paper	credits		I A	End Exam	Mark
B A 501	SEC-4	Personality Development and Soft Skills	2	2	10	40	50
B A 502	GE-2	Public Health and Hygiene	2	2	10	40	50
B A 503	DSC-1F	OPTIONAL -I	4	4	20	80	100
B A 504	DSC-2F	OPTIONAL - II	4	4	20	80	100
B A 505	DSC-3F	OPTIONAL - III	4	4	20	80	100
B A 506	DSC-4F	OPTIONAL -IA	4	4	20	80	100
B A 507	DSC-5F	OPTIONAL - II B	4	4	20	80	100
B A 508	DSC-6F	OPTIONAL - III C	4	4	20	80	100
	SL	immary of Credits	27	27	140	560	700
AECC: Abilit	ty Enhancen	nent Compulsory Course	SEC: Skill	Enhancer	ment Cou	irse;	
DSC: Discip	line Specific	Course	DSE: Disc	ipline Spe	cific Effe	ctive;	
UNIT - I: H 1. Definition 2. CStructure Producers, ( Food chains 3. Function Single chains 4. Definition Ecosystem Biodiversity Exsitu) 5. Renewalt Forest, Min resources 6. Water Comanagement Issues & Lo	<u>AECC-1.</u> Cosystem, 1 n, Scope & e of Ecosy Consumers, s, Food web of an Ecosy mel energy f 1 of Biod diversity, I y, Conserv ble & Non-r heral & Ener mservation, at. UNIT - 1 egislation	2/B.A./B.Com) CBCS <u>Environmental Studies</u> Biodiversity & Natural Resources Importance of Environmental Studies. stem – Abiotic & Biotic components Decomposers, s, Ecological pyramids) stem :Energy flow in the Ecosystem ( low model ) liversity , Genetic, Species & Iot-spots of Biodiversity, Threats to ation of Biodiversity (Insitu & enewable resources, Brief account of rgy (Solar Energy & Geothermal Energy) Rain water harvesting & Watershed I: Environmental Pollution, Global & Control measures of Air Pollution,	4. III - ef 5. Disast cyclones 6.Environ (a) W Wate 7.Human 8.Womer 9.Role and hun ◆ Fie 1 P REFEI • I -by R. 0xford • Marcel Bharucel	fects of F er manag umental lo fild life Pr r Act (d) . 1 Rights 1 and Chill of Inform nan healtl ld Study: Sent Eco RENCES Environm Rajagop I Univers Text boo aduate co ha	ire-work ement – gislation otection Air Act d welfard ation tec 1 system. 2 : ental Stu alan (Thi ity Press. ok of En ourses (so	floods, earth (:- Act (b) Forest hnology in env Forest Ecosys dies - from eri rd edition)	puakes d Act (c) fronmer tem sis to cu ndies fo by Erac

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

#### FIRST YEAR

#### SEMESTER - I

			10000			Max. Ma	arks	12001
Code	Course category	Title of the Paper	No. of Credits	HPW	1.A	End Exam	Lab Practical	Total Marks
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
-		OPTIONAL - I	4	4				
BS104	DSC-1A	OPTIONAL-ILAB	1	2	20	80	25	125
BS105	DSC-2A	OPTIONAL - II	4	4	20	80	0.5	125
BS105	DSC-2A	OPTIONAL - II LAB	1	2	20	80	25	125
BS106	DSC-3A	OPTIONAL - III	4	4	20	80	25	125
60160		OPTIONAL - III LAB	1	2	20	80	25	125
		Summary of Credits	27	2.24	*	174		625

#### SEMESTER - II

			- water - the			Max. Ma	irks	1
Code category	Course category	Title of the Paper	No. of Credits	HPW	J.A	End Exam	Lab Practical	Total Marks
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
		OPTIONAL - I	4	4				
BS204	DSC-1B	OPTIONAL -I LAB	1.	2	20	80	25	125
-		OPTIONAL - II	4	4	20		25	105
BS205	DSC-2B	OPTIONAL - II LAB	1	2	20	80	25	125
BS206	DSC-3B	OPTIONAL - III	4	4	20	80	25	125
B-3200		OPTIONAL - III LAB	1	2	20	80	20	125
		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:

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

#### SECOND YEAR

#### SEMESTER - III

	-				1	Max. Ma	arks	
Code	Course category	Title of the Paper	No. of Credits	HPW	I.A	End Exam	Lab Practical	Total Marks
BS 301	SEC-1	Computer Basics and Automation	2	2	10	40	(A)	50
BS 302	CC-1C	ENGLISH	5	5	20	80		100
BS 303	CC-2C	SECOND LANGUAGE	5	5	20	80	•	100
		OPTIONAL - I	4	4				
BS 304	DSC-1C	OPTIONAL - I LAB	1	2	20	80	25	125
	DSC-2C	OPTIONAL - II	4	4			25	
BS 305	050-20	OPTIONAL - II LAB	1	2	20	80	25	125
BS 306	DSC-3C	OPTIONAL - III	4	4	20	80	25	125
BS 300		OPTIONAL - III LAB	1	2	20	80	25	125
	No.	Summary of Credits	27	-	*	-		625

#### SEMESTER - IV

				С.	1	Max. Ma	arks	
Code	Course category	Title of the Paper	No. of Credits	HPW	1.A	End Exam	Lab Practical	Total Marks
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
-	000.00	OPTIONAL - 1	4	4		-		105
BS404	DSC-1D	OPTIONAL -I LAB	1	2	20	80	25	125
-	DSC-2D	OPTIONAL - II	4	4	-		25	105
BS405	DSC+20	OPTIONAL - II LAB	1	2	20	80	25	125
-	DSC-3D	OPTIONAL - III	4	4	20	80		105
BS406		OPTIONAL - III LAB	1	2	20	00	25	125
		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:

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

#### FINAL YEAR

#### **SEMESTER - V**

	- 275		10271			Max. Mark	S	
Code	Course Type	Title of the Paper	No. of Credits	HPW	I.A	End Exam	Total	Total Marks
BS 501	SEC-3	Verbal Reasoning for Aptitude Test (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 502	GE-I	Public Health and Hyglene (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
	Serence -	OPTIONAL - I	3	3	20	80	100	
BS 503 DSC-1E	OPTIONAL - I LAB	1	2	•	25	25	125	
BS 504	DSC-2E	OPTIONAL - II	3	3	20	80	100	105
85 504	USC-2E	OPTIONAL - II LAB	1	2		25	25	125
BS505	DSC-3E	OPTIONAL - III	3	3	20	80	100	125
82202	DSC-3E	OPTIONAL - III LAB	1	2	•	25	25	125
	Collector of the	OPTIONAL - I Elective (A/B/C)	3	3	20	80	100	
BS506	DSE-1E	OPTIONAL – I Elective (A/B/C) LAB	1	2		25	25	125
		OPTIONAL - II Elective (A/B/C)	3	3	20	80	100	
BS507	DSE-2E	OPTIONAL – II Elective (A'B/C) LAB	1	2	•	25	25	125
		OPTIONAL - III Elective (A/B/C)	3	3	20	80	100	
BS508	DSE-3E	OPTIONAL – III Elective (A/B/C) LAB	1	2	•	25	25	125
		Summary of Credits	28	34	- 20	4		850

\*DSC: Discipline Specific Course (Core)

SEC: Skill Enhancement Courses DSE: Discipline Specific Elective (Elective).

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

#### FINAL YEAR

	-		and the second second		1	Max. Mark	5		
Code	Course Type	Title of the Paper	No. of Credits	HPW	I.A	End Exam	Total	Total Marks	
BS 601	SEC-4	Quantilative Aptitude Test (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50	
BS 602	GE-II	Water Resources Management (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50	
BS 603 DSC-1F	-	OPTIONAL - I	3	3	20	BO	100	125	
	DSC-1F	OPTIONAL - I LAB	1	2		25	25		
		OPTIONAL - II	3	4	20	80	100	100	
BS 604	DSC-2F	OPTIONAL - II LAB	ĩ	2		25	25	125	
BS 605	DSC-3F	OPTIONAL - III	3	3	20	80	100	125	
85 005	DSC-3F	OPTIONAL - III LAB	1	2	•	25	25	125	
	CALCULATION OF A	OPTIONAL - I Elective (A/B/C)	3	3	20	80	100	-	
BS 606	DSE-1F	OPTIONAL - I Elective (A/B/C) LAB	1	2	٠	25	25	125	
a para a la	and the second second	OPTIONAL - II Elective (A/B/C)	3	3	20	80	100		
BS 607	DSE-2F	OPTIONAL - II Elective (A/B/C) LAB	i	2		25	25	125	
	DSE-3F	OPTIONAL - III Elective (A/B/C)	3	3	20	80	100	12220	
BS 606	DOL-OF	OPTIONAL - III Elective (A/B/C) LAB	1	2	•	25	25	125	
		Summary of Credits	28	34			14	850	

SEMESTER - VI

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

# Course Structure of B.Sc (Botany) Programme under CBCS pattern w.e.f. Academic Year 2016-17

		ICE BASED CRED	IT SYSTERM	
FIDER VE AD SELVE	OTT D. F			
FIRST YEAR SEME Code	Course Title	Course Tune	HPW	Crdeits
BS 104	Optional 1	Course Type D.Sc -A	4 T 2 P = 6	4+1=5
and the second se	CONTRACTOR OF THE OWNER	And and a second s	f Lower Plants	
	aper-1 Microo	har Diversity o	of Lower I fame	
SEMESTER-II Code	Course Title	Course Type	HPW	Crdeits
BS 201	Environmental	AECC-2	2	2
100304	Studies	DECID	4T + 2P = 6	4+1=5
BS204	Optional-I	DSC-1B	the second se	and a second
Paper-II B	ryophytes Pterio	dophytes, Gymn	osperms and Pal	aeobotany
SECOND YEAR SE!			TIDII/	Crdeits
Code	Course Title	Course Type DSC-IC	$\frac{HPW}{4T+2P=6}$	$\frac{Craens}{4+1=5}$
BS304	Optional-1			
Paper-III	Taxonomy o	t Angiosperms	s and Medicina	I Botany
SEMESTER-IV				0.1.14
Code	Course Title	Course Type	$\frac{HPW}{4 T + 2P = 6}$	<u>Crdeits</u> 4 + 1 = 5
BS404	Optional - I	DSC-ID		
Plan	nt Anatomy,	Embryology	and Palynol	ogy
THIRD YEAR SEME		· · · ·	UDW	Crdeits
Code	Course Title	Course Type DSC - IE	$\frac{HPW}{3 T + 2P = 5}$	3 + 1 = 4
BS 503	Optional-I	And the second sec		
	Paper-V: C	ell Biology a	and Genetics	5
DE 506	Ontional LA/B	DSE-I#	3T + 2P = 5	3 + 1 = 4
Flecti	ve-I Ecology and	Biodiversity / E	Elective II: Hortic	culture
Lietu	ter peeregy			
EMESTER-VI				
Code	Course Title	Course Type	HPW	Crdeits
BS 603	Optional-I	DSC - 1F	3 T + 2P = 5	3 + 1 = 4
	Paper-VI	II: Plant P	hysiology	1
BS 606	Optional A/B/	DSE - IF	3T + 2P = 5	3 + 1 = 4
B5 000	Optional Arts	Biotechnology	/Elective-IV: Se	ed Technology
Elective III II	ssue Culture and	Diotectinology	i biochte i ti se	
AECC: Ability	Enhancement Co	mpulsory Course:	DSC: Discipline	Specific Course:
ALCC: Moning	DSE :	Discipline Specific	Elective	.16
-			A	
si Degree Colle	•		VG	- /
oesting	1		A	
5/	0		Princip	callege
	/*/		Princip overnment De SAMPET Warangal I	gree Conces
L AMPS	Tel	60	vernment be	hist. (Rural)-5001
NARSAMPET	Rural	60	CAMPET Warangal	
141	1001	NAR	SMILLE	
))		a second		

# Course Structure of B.Sc (Zoology) Programme under CBCS pattern w.e.f. Academic Year 2016-17

	PDF Co	ompressor	struction, Credit Struct B.Sc. Zoology from	ure and 2016-17	Exami	natio	n for		
	Semes	Course		No. of			Max. Mar	ks	Т
Code	ter	category	Title of the Paper	Credits	HPW	I.A	End Exam	Total	Ma
FIRST Y	EAR	et:							-
		DSC-1A (Theory)	Animal Diversity-	4	4	20	80	100	
BS104	1	DSC-1A (Practical)	Invertebrates	2	2		50	50	15
		DSC-1B (Theory)	Ecology, Zoogeography and	4	4	20	80	100	İ.
BS204	u	DSC-1B (Practical)	Animal Behavior	2	2		50	50	15
SECON	YEAR					~			ale -
		DSC-1C (Theory)	Animal Diversity- Vertebrates and Developmental Biology	4	4	20	80	100	
BS304	щ	DSC-1C (Practical)		2	2	÷	50	50	- 15
		DSC-1D (Theory)	Cell and Molecular Biology,	4	4	20	80	100	
BS404	IA	DSC-1D (Practical)	Genetics and Evolution	2	2		50	50	15
THRID Y	EAR						¢ 8		5
		DSC-1E (Theory)	Physiology and	3	3	15	60	75	
BS503		DSC-1E (Practical)	Biochemistry	1	1	×	25	25	10
BS506	v	DSC-1E (Theory)	Applied Zoology or Food and Nutrition or	з	3	15	60	75	- 10
00300		DSC-1E (Practical)	Bioinstrumentation	1	1	÷	25	25	
BS603		DSC-1F (Theory)	Immunology and Animal	3	3	15	60	75	- 10
0000		DSC-1F (Practical)	Biotechnology	1	1	•	25	25	
BS606	VI	DSC-1F (Theory)	Public Health and Hygiene or Aquatic Biology or	3	3	15	60	75	10
53000		DSC-1F (Practical)	Sericulture	1	1	÷	25	25	1
		1.	Summary of Credits	50	50				10

#### Course Structure of B.Sc (Physics) Programme under CBCS pattern w.e.f. Academic Year 2016-17

**PDF Compressor Free Version** 

### B.Sc. (Physics) Syllabus, Kakatiya University, Warangal CBCS pattern in Semester System (w. e. from 2016-2017)

#### PDF Compressor Free Version KAKATIYA UNIVERSITY, WARANGAL SCHEME FOR CHOICE BASED CREDIT SYSTEM B.Sc. (PHYSICS) SEMESTER PATTERN

	Thomas.		COURSE	HRS/	areasanta	MAR	RKS
YEAR	SEM	COURSE (PAPER) TITLE WITH CODE	TYPE*	WEEK	CREDITS	Internal Assessment	SEM End Exam
		101: Mechanics	DSC-1	4	4	20	80
F	1	101(P): Mechanics Lab (Pr)	DSC-I(P)	3	1		25
I R	-	201: Waves and Oscillations	DSC-2	4	4	20	80
S T	п	201(P): Waves and Oscillations Lab (Pr)	DSC-2(P)	3	1	*	25
s	ш	301: Thermal Physics	DSC-3	4	4	20	80
E	Annal .	301(P): Thermal Physics Lab (Pr)	DSC-3(P)	3	1	14	25
C O N		401: Optics	DSC-4	4	4	20	80
N D	IV	401(P): Optics Lab (Pr)	DSC-4(P)	3	4	-	25
		501: Electromagnetism	DSC-5	3	3	15	60
		501(P): Electromagnetism Lab (Pr)	DSC-5(P)	3	1		25
Т Н	v	502: Elective (Theory) – 1 (A/B/C) A. Solid state physics B. Modern Optics	DSE-1	3	3	15	60
I R D		502(P): Elective (Practical) - 1 (A/B/C) A. Solid state physics Lab B. Modern Optics Lab	DSE-1(P)	3	ï		25
		601: Modern Physics	DSC-6	3	3:	15	60
		601(P): Modern Physics Lab (Pr)	DSC-6(P)	3	1		25
	VI	602: Elective (Theory) – 2 (A/B/C) Å. Basic Electronics B. Physics of Semiconductor devices	DSE-2	3	3	15	60
		602(P): Elective (Practical) – 2 (A/B/C) A. Basic Electronics Lab B. Physics of Semiconductor devices Lab	DSE-2(P)	3	Ĩ.	×	25
		Total			26	140	760
					36	Grand To	tal : 900

\*DSC: Discipline Specific Course (Core) DSE: Discipline Specific Elective (Elective)

Ann R. Dr. B. Venkatram Reddy

Chairman, Board of Studies in Physics, KU, Wgl Date: 24th Aug., 2016 & 5th June, 2017

#### Course Structure of B.Sc (Chemistry) Programme under CBCS pattern w.e.f. Academic Year 2016-17

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Seme ster	Title	Course type	Hrs/ week	No. of Credits	Main exam	Internal exam	Total
1	Chemistry-I (T)	DSC-1	4	4	80	20	100
1	Chemistry -I (P)	DSC-1A	2	1	25		25
п	Chemistry-II (T)	DSC-11	4	4	80	20	100
	Chemistry -II (P)	DSC-11A	2	1	25		25
ш	Chemistry-III (T)	DSC- III	4	4	80	20	100
ш	Chemistry-III (P)	DSC-П1А	2	1	25	*****	25
IV	Chemistry-IV (T)	DSC-1V	4	4	80	20	100
IV	Chemistry-IV (P)	DSC-IVA	2	1	25	*****	25
	Chemistry-V (T)	DSC-V	3	3	60	15	75
	Chemistry –V (P)	DSC-VA	2	1	25		25
v	Elective-I (T) A/B/C	DSE-I (T)	3	3	60	15	75
	Elective -I (P)	DSE-I (P)	2	1	25	÷	25
	Chemistry-VI (T)	DSC-VI	3/3/3	3	60	15	75
	Chemistry -VI (P)	DSC-VI A	2/2/2	1	25	****	25
VI	Elective -II (T) A/B/C	DSE-II (T)	3/3/3	3	60	15	75
	Elective -II (P)	DSE-II (P)	2/2/2	1	25	•	25
Total			64	36			900

#### Proposed Schange for Choice Based Credit System in B.Sc. Chemistry

(T) = Theory; (P) = practical; DSC = Discipline specific course (Core subject); DSE = Discipline Specific Elective (Elective from core Discipline)

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Prof. Gade Dayakar, Chairperson, BOS in Chemistry, KU,

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#### Course Structure of B.Sc (Computer Science) Programme under CBCS pattern w.e.f. Academic Year 2016-17

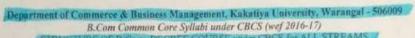
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#### PDF Compressor Free BrSch (Computer Science) CBCS pattern in Semester System (w. e. from 2016-2017)

	Semes	Course		No. of		Max. Marks			Total
Code	ter	category	Title of the Paper	Credits	HPW	I.A	End Exam	Total	Marks
FIRST Y	EAR					/10	C		18.
BS106	ĩ	DSC-1A (Theory)	Object Oriented	4	4	20	80	100	125
55100		DSC-1A (Practical)	Programming with C++	1	2	-	25	25	123
BS206		DSC-1B (Theory)	Data Structures and File	4	4	20	80	100	125
55200		DSC-18 (Practical)	Processing	1	2		25	25	
SECON	DYEAR		41						
BS306	m	DSC-1C (Theory)	Database Management	4	4	20	80	100	125
		DSC-1C (Practical)	System	1	2		25	25	
BS406	IV	DSC-1D (Theory)	Design and Analysis of Algorithms	4	4	20	80	100	125
		DSC-1D (Practical)		1	2	•	25	25	
THRID Y	FAR		[						-
	SAN	DSC-1E				08525			Ĩ
BS505		(Theory)	Web programming	3	3	15	60	75	100
	v	(Practical)		1	2	(e) ;	25	25	
BS508	ľ	DSC-1E (Theory)	Elective 1 (A/B/C) A) Operating Systems	3	3	15	60	75	100
		DSC-1E (Practical)	B) Data Mining C) Cryptography	1	2		25	25	
BS605		DSC-1F (Theory)	Visual Programming	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	( <b>#</b> )	25	25	
BS608	VI	DSC-1F (Theory)	Elective 2 (A/B/C) A) Multimedia Gystems & Applications	3	3	15	60	75	100
ವರ್ಷನಿಕ್ರಿ		DSC-1F (Practical)	B) Computer Graphics C) Computer Networks	1	2	E	25	25	
	L		Summary of Credits	36		240			900

Note: - Skill Enhancement Courses (SEC1, SEC2, SEC3 and SEC4) will be introduce later

### Course Structure of B.Com under CBCS pattern w.e.f. Academic Year 2016-17



[B.Com, B.Com (Computer Applications), B.Com (TaxTochus & Practices), B.Com (Corporate Secretary ship), B.Com (Advertising and Sales Management) and B.Com (Insurance)] w.e.t. ACADEMIC YEAR 2016-17

		FIRST YEAR :SEM	ESTER-I			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Mark
BC101-Common to all	Communication	AECC-1	2	2		
BC102- Common to all	English	CC-1A	5	5		_
BC103-Common to all	Second Language	CC-2A	5	5		
BC104-Common to all	Financial Accounting - 1	DSC-1A	5L+1T=6	6		
BC105- Common to all	Business Economics	DSC-2A	6	6		
BC106- Common to all	Business Organization	DSC-3A	4	4		
BC107- Common to all	Information Technology	DSC-4A	4	4		
and the second	Total			32		

		FIRST YEAR :SEMI	ESTER-II			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max, Mark
BC201-Common to all	Environmental Science	AECC-2	2	2		
BC202-Common to all	English	CC-1B	5	\$		
BC203- Common to all	Second Language	CC-2B	5	5		
BC204-Common to all	Financial Accounting - II	DSC-1B	5L+1T=6	6		
BC205- Common to all	Managerial Economics	DSC-2B	5L+1T=6	6		- Contraction
BC206- Common to all	Principles of Management	DSC-3B	4	.4:		
BC207 - Common to all	Foreign Trade	DSC-4B	4	4		
	Total			32		

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	SI	ECOND YEAR :SEM	ESTER-III			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
BC301-Common to all	٨	SEC-1	2	2		
	The state of the s	OR	and a long and			
BC301-Common to all	B	SEC-1	2	2		
BC302-Common to all	English	CC-IC	5	5		
BC303- Common to all	Second Language	CC-2C	5	5		
BC304-Common to all	Advanced Accounting	DSC-1C	5L+1T=6	6		
BC305- Common to all	Business Statistics-I	DSC-2C	6	6		
BC306- Common to all	Income Tax-I	DSC-3C	4	4		
BC307- Common to all except B.Com (CA)	Entrepreneurial Development & Business Ethics	DSC-4C	4	4		
		OR				
BC307- B.Com(CA)only	Programming with C	DSC-4C	4	4		
	Total		111	32		

		SECOND YEAR :SEM	ESTER-IV			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
BC401-Common to al	C	SEC-2	2	2		
		OR				
BC401-Common to al	D	SEC-2	2	2		
BC402-Common to al	English	CC-1D	5	5		
BC463-Connectual	Second Language	CC-2D	5	3		
BC404-Canno to al	Corporate Accounting	DSC-1D	5L+IT=6	6		
BC415-Cennus to al	Business Statistics-II	DSC-2D	6	6		
BOUNS Common to all	Income Tax-II	DSC-3D	4	4		
BC417-Centres to al	Auting	DSC-4D	4	4		
0	Ind			32		

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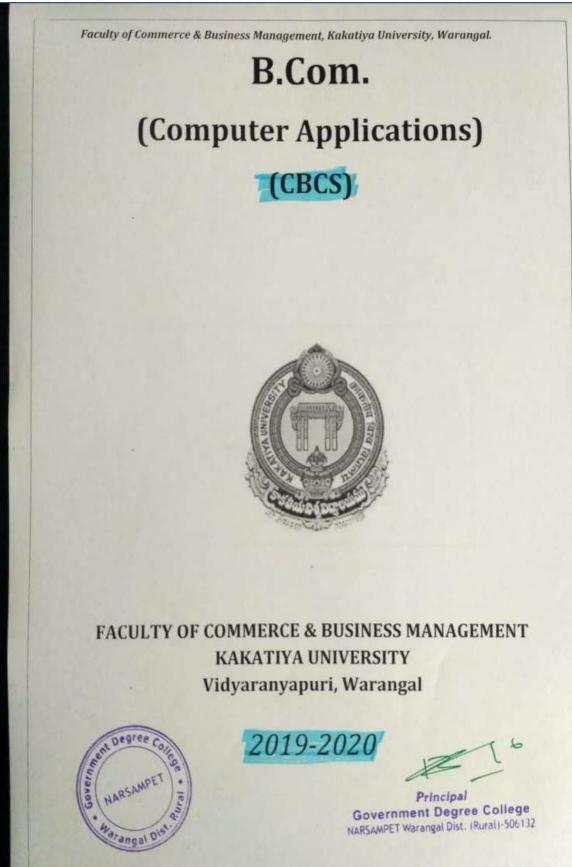
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Code		HIRD YEAR :SEMESTER-V					
BC501-Common to	E Title of th	e Paper			-		
Dom	and the second se		Course	HPW	Credits		
BC501-Common to	F	OR	SEC-3	2	2	Exam	Max
BC502-Common to		94	-		-		_
BC503- Common to	Cost Accounting		SEC-3	2	2		-
BC504-Common to	Dupling		GE-1	5L+1T=6	6		-
BC505- Common to	Banking The		DSC-1E	6	6		-
BC506- Common to	The second second second second		DSC-2E	5	5		-
	Computerized Accounting		DSC-3E	4	4		-
BC507	Flash a	Di di ci	DSC-4E	5	5		-
	Elective Group - A General	Elective-1					-
	Liective Group - B Finance	Financial Management	DSE-1A	4L+1T=5	5		-
	Elective Group - C Accounting	Financial Management	DSE-1A	4L+1T=5	5		-
	D.Com (Computer Applications)	Financial Statement Analysis	DSE-1A	4L+1T=5	5		-
	D.Com (Taxation)	Diana	DSE-1A	4L+1T=5	5	-	-
	B.Com (Tax Procedures & Practicas)	The second se	DSE-1A	4L+1T=5	5		
	B.Com (Corporate Secretary shin)		DSE-1A	4L+1T=5	5		-
and the second second	B.Com (Advertising and Sales Management)	Business Environment		4L+1T=5	5		
	B.Com (Insurance)	Marketing Management	DSE-1A	4L+1T=5	5		-
1 Marshall and		Principles and Practices of /	DSE-1A	4L+1T=5	5	_	-
	Elective Group - A General	Elective-2					
	Elective Group - B Finance	Principles of Marketing W	DSE-2A	4L+1T=5	5		-
	Elective Group - C Accounting	Financial Services	DSE-2A	4L+1T=5	5		-
	COTO CONTRACTOR CONTRACTOR CONTRACTOR	Indian Accounting Standards		4L+1T=5	5		
Dores	B.Com (Computer Applications)	Objective Oriented	DSE-2A	4L+1T=5			-
BC508	B.Com (Taxation)	Programming with C++		1224.3	5		
	B.Com (Tax Procedures & Practices)	Indirect Taxes ov		4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Income Tax Procedures and ov	DSE-2A	4L+1T=5	5		-
	B.Com (Advertising and Sales Management)	Corporate Law & Practice - 107	DSE-2A	4L+1T=5	5		-
Contractor of the second	D.A.OHI (Advertising and Sales Management)		Contraction of the second second	Statement of the local division in which the	-		-
		Adventising -1 or	DSE-2A	4L+1T=5	5		
	B.Com (Insurance) Total	Legal and managerial aspects of		4L+1T=5 4L+1T=5	5		-

BC60] Common to all	TH	RD YEAR SEMESTER-VI		-		-	-
In the second second second	G Title of the	Paper	Course	HPW	Credits	Euro	Tar
	A REAL PROPERTY AND A REAL		SEC-4	1	2	1.110	Ma
BC601-Cammon to all	H	OR				-	-
BC602-Common to all			SEC-4	2	2		T
BC603- Common to all	Managerial Accounting		Supplication of the local division of the lo	5L+1T+6	6		T
BC604-Common to all	Company Law			51+17=6	6	5.00	T
BCS05-Common to all	Financial Institutions & Markets		DSC-2F	5	3		
BCB06- Common to all	Commerce Lab		DSC-3F	3	3		
	and the second data and the se		DSC-4F	4	4		
	Elective Group - A General	Elective-3	-		-	100	
	Elective Group - B Finance	Human Resource Management A		4L+1T=5	5		
	Elective Group - C Accounting	Investment Management 8.		4[.+ 7=5	5		
	B.Com (Computer Applications)	Advanced Managerial Accountings,					_
BC607	B.Com (Taxation)	Web Technologies	the second s	4L+IT=5	-		-
	B.Com (Tax Procedures & Practices)	Direct Tax - 2 &	statement of the second second	4L+1T=5		-	-
	B.Com (Corporate Secretary ship)	Income Tax Procedures & A Secretarial Practice		4L+1T=5		-	-
	B.Com (Advertising and Sales Management)	Sales Promotion and Sales	CONTRACTOR OF A	4L+1T=5	_		+
	B.Com (Insurance)	Fire and Marine Insurance	excelosite the loss	4L+1T=5	-	-	-
	DADIN (ABURING)	and the second se	DSE-IB	4L+1T=5	13		1
A ST GE	Elective Group - A General	Elective-4	THEE AD	11.117-0	1 5	1	-
	Elective Group - B Finance	Tax Planning and Management	DSE-2B DSE-2B	and the second se	and the second data		-
	particular and a second particular and and a second particular and a second pa	a second s	and the second value of the local division o	Contraction of the local division of			+
	Elective Group - C Accounting	Advanced Corporate Accounting	COLUMN AND ADDRESS OF	4L+IT=	in the second second	-	+
-	B.Com (Computer Applications)	Relational Data Base Management		4L+IT=		100	+
BC608	B.Com (Taxation)	Tax Planning and Management of		4L+1T=		-	-
	B.Com (Tax Procedures & Practices)	Other Taxes		4L+1T=		-	-
	B.Com (Corporate Secretary ship)	Corporate Law and Practice -2	and the second sec	and the state of t		-	-
	B.Com (Advertising and Sales Management)	Advertising - 2	DSE-28	COLUMN STATE	the state of the s	-	-
C. R. C. C. C. C.	B.Com (Insurance	Property and Liability Insurance	DSE-2B	4L+1T=	3 3	-	-
5. AM	Total		1	_	1		-





# Faculty of Commerce & Business Management, Kakatiya University, Warangal. B.COM (Computer Applications)

# **CBCS COURSE STRUCTURE**

SL.No.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
		I Year I Semester				
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a)Environmental Science/ b)Basic Computer Skills	2	2	1 ½ hrs	40U+10I
4.	DSC101	Financial Accounting–I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Fundamentals of Information Technology	3T+4P	5	1 ½ hrs	50T+35P- 15I
		Total	27	25		
		I Year II Semester				
7.	ELS2	English (First Language)	4	4		-
8.	SLS2	Second Language	4	4		
9.	AECC2	a)Basic Computer Skills/ b)Environmental Science	2	2	1 ½ hrs	40U+10I
10.	DSC201	Financial Accounting–II	5	5	3 hrs	80U+201
11.	DSC202	Business Laws	5	5	3 hrs	80U+201
12.	DSC203	Programming with C & C++	3T+4P	5	1 ½ hrs	50T+35P- 15I
		Total	27	25		
		II Year I Semester				
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1	<ul> <li>a)Principles of Insurance/</li> <li>b)Foundation of Digital Marketing/</li> <li>c)Fundamentals of Business Analytics</li> </ul>	2	2	1 ½ hrs	400+101
16.	SEC2	<ul> <li>a)Practice of Life Insurance/</li> <li>b)Web Design &amp; Analytics/</li> <li>c)Application of Business Analytics</li> </ul>	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+201
19.	DSC303	Relational Database Management System	3T+4P	5	1 ½ hrs	50T+35P- 15I
		Total	27	25		

ELS4 SLS4					
SLS4	English (First Language)	3	3		
	Second Language	3	3		
	a)Practice of General Insurance/				
SEC3	b)Social Media Marketing				1022110120
	c)Business Intelligence	2	2	1 ½ hrs	40U+10I
	a)Regulation of Insurance Business/				
SEC4	b)Search Engine Optimization &				
obor		2	2	1.14 hrs	40U+10I
		1. 18		(CARA GRANES	80U+20I
		. S	12:552	1475915(00068	80U+20I
DSC403			33891	1 ½ hrs	50T+35P+15
	(all some)	27	25		
	PARE distant di anacempi simular al				
SLS5		-			
GE	7.0	4	4	3 hrs	80U+20I
1000					
Deprov					
DSE501		5	5	3 hrs	80U+201
				01113	50T+35P+
DCCC02		3T+4P/	5	3 hrs	151/
D3E302			5	0 1110	800+201
					50T+35P+
DSE503		3T+4P	5	1 ½ hrs	151
			25		
1					
ELS6		3	3		
100000000000000		3	3		-
			175		40U+10I
PR	Report	2T+4R	4	1 ½ hrs	35R+15VV
	a) Cost Control and Management Accounting/				
	b) Financial control/				
DSE601		5	5	3 hrs	80U+20I
DSE601	c) International Financial Reporting-II				
DSE601	<ul><li>c) International Financial Reporting-II</li><li>a) Theory and Practice of GST/</li></ul>				50T+35P-
DSE601 DSE602		3T+4P/			50T+35P- 15I/
	a) Theory and Practice of GST/	3T+4P/ 5	5	3 hrs	151/
DSE602	<ul><li>a) Theory and Practice of GST/</li><li>b) Financial Decision Making-II /</li></ul>		5	3 hrs	50T+35P+ 15I/ 80U+20I 50T+35P+
	<ul> <li>a) Theory and Practice of GST/</li> <li>b) Financial Decision Making-II /</li> <li>c) International Auditing</li> </ul>		5	3 hrs 1 ½ hrs	15I/ 80U+20I
DSE602	<ul> <li>a) Theory and Practice of GST/</li> <li>b) Financial Decision Making-II /</li> <li>c) International Auditing</li> <li>a) Multimedia Systems/</li> </ul>	5		7.62231-656920	15I/ 80U+20I 50T+35P-
	DSE501 DSE502	SEC4Online Advertising c)Data Visualisation & StorytellingDSC401Income Tax/Excel FoundationDSC402Business Statistics-IIDSC403Web TechnologiesTotalIII Year I SemesterELS5English (First Language)SLS5Second Languagea) Business Economics / b) Advanced Aspects of Income Taxa) Cost Accounting/DSE501Difternational Financial Reporting-I c) International Financial Reporting-Ia) Computerized Accounting/DSE502b) Financial Decision Making-I/ c) International Tax & RegulationDSE503a) Management Information Systems/ b) Ecommerce/c) Mobile ApplicationsDSE503III Year II SemesterELS6English (First Language)SLS6Second LanguagePRResearch Methodology and Project	SEC4Online Advertising c)Data Visualisation & Storytelling2DSC401Income Tax/Excel Foundation5DSC402Business Statistics-II5DSC403Web Technologies3T+4PTotal27III Year I Semester2ELS5English (First Language)3GEa)Business Economics / b) Advanced Aspects of Income Tax4b) Advanced Aspects of Income Tax5DSE501b) Financial Planning & Performance/ c) International Financial Reporting-I5DSE502a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4PDSE503a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4PELS6English (First Language)3BSE503Research Methodology and Project3	SEC4Online Advertising c)Data Visualisation & Storytelling22DSC401Income Tax/Excel Foundation55DSC402Business Statistics-II55DSC403Web Technologies3T+4P5DSC404Web Technologies3T+4P5DSC405Total2725III Year I SemesterELS5English (First Language)33GEa)Business Economics / b) Advanced Aspects of Income Tax44b) Advanced Aspects of Income Taxa) Cost Accounting/55DSE501b) Financial Planning & Performance/ c) International Financial Reporting-I5DSE502b) Financial Decision Making-I/ c) International Tax & Regulation3T+4PDSE503a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4PDSE503a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4PLSE6English (First Language)33BLS6Second Language33SLS6Second Language33PRResearch Methodology and Project	SEC4Online Advertising c)Data Visualisation & Storytelling221 ½ hrsDSC401Income Tax/Excel Foundation553 hrsDSC402Business Statistics-II553 hrsDSC403Web Technologies3T+4P51 ½ hrsTotal272511 ½ hrsELS5English (First Language)333GEa)Business Economics / b) Advanced Aspects of Income Tax443 hrsDSE501b) Financial Planning & Performance / c) International Financial Reporting-I553 hrsDSE502a) Computerized Accounting / b) Financial Decision Making-I / c) International Tax & Regulation3T+4P53 hrsDSE503a) Management Information Systems / b) Ecommerce /c) Mobile Applications3T+4P51 ½ hrsDSE504III Year II SemesterDSE505Bifin (First Language)3T+4P51 ½ hrsDSE504Bifin (First Language)3T+4P51 ½ hrsDSE505Bifin (First Language)3T+4P51 ½ hrsDSE504Bifin (First Language)3T+4P51 ½ hrsDSE505Bifin (First Language)3T+4P51 ½ hrsDSE505Research Methodology and ProjectBRResearch Methodology and Project

		SUMMARY OF CREDITS		
SI. No.	<b>Course Category</b>	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	<b>Project Report</b>	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	40		150
	Commerce	24		106
CREDIT	S UNDER NON-CGPA	NSS/NCC/Sports/ Extra Curricular	Up to 6 (2 in eac	h year)
		Summer Internship	Up to 4 (2 in each a years)	ifter I & Il

KANRE	flee	Q Q}
Prof. K. Raji Reddy	Prof. P. Varalaxmi	Dr. K. Rajender
-m b	meh	4 mg
Dr. S. Narasimha Chary	Mr. M. Somaiah	Dr. S. Narayana Swamy
CEL	Greep	Aller of
Dr. Ramavath Ravi	Dr. D. Thiruvengala Chary	Dr. G. Shashidhar Rao

### Course Structure of B.Sc Program under CBCS pattern w.e.f. Academic year 2019-20

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

#### FIRST YEAR

#### SEMESTER - I

			222		Ma	x. Marks	í	24.03
Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Interna I Exam	End Exam	Lab	Total Marks
<b>BS101</b>	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	2	100
		Optional - I	4	4	- 20		25	
BS104	DSC-1A	Optional – I Lab	1	3		80		125
	DOG AL	Optional II	4	4			100	
BS105	DSC-2A	Optional – II LAB	1	3	20	80	25	125
DCIAC	DSC-3A	Optional – III	4	4	20	80	25	125
B5106	BS106 DSC-3A	Optional – III LAB	1	3	20	80		
		TOTAL:	25	-	110	440	75	625

#### SEMESTER - II

	120		22		Ma	x. Marks		
Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Interna I Exam	End Exam	Lab	Total Marks
BS201	AECC-2	Basic Computer Skills (Taught by: Computer Science)	2	2	10	40	•	50
BS202	FL-2B	English	4	4	20	80	12	100
BS203	SL-2B	Second Language	4	4	20	80	14	100
		Optional - I	4	4				
BS204	DSC-1B	Optional – I Lab	1	3	20	80	25	125
00205	DCC AD	Optional – II	4	4	20		~-	
BS205	DSC-2B	Optional – II Lab	1	3	20	80	25	125
BS206	DSC-3B	Optional – III	4	4	20	80	25	125
D5200		Optional – III LAB	1	3	20	- 80		
		TOTAL :	25	-	110	440	75	625

#### KAKATIYA UNIVERSITY, WARANGAL - 506 009 B.Sc. PROGRAMME Under CBCS System Scheme wef A.Y: 2020-21

	Second Sec			1000	Ma	-		
Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Interna I Exam	End Exam	Lab	Total Marks
BS 301	SEC-1	Fundamentals of Nano Technology (Taught by : Physics)	2	2	10	40	2	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
1.0.000	-0476-0476-0-5100	Optional - I	4	4		can ne		5.000.002
BS 305	DSC-1C	Optional – I Lab	1	3	20	80	25	125
		Optional – II	4	4				
BS 306	DSC-2C	Optional– II Lab	1	3	20	80	25	125
BG 305	DSC-3C	Optional – III	4	4				
BS 307	BS 307 DSC-5C	Optional – III Lab	1	3	20	80	25	125
		TOTAL:	25	-	110	440	75	625

#### SECOND YEAR

#### SEMESTER - IV

					Ma	x. Marks		7-4-1		
Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Interna I Exam	End Exam	Lab	Total Marks		
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	8 <b>-</b> 8	75		
BS404	SL-4 B	Second Language	3	3	15	60		75		
_		Optional - I	4	4						
BS405	DSC-1D	Optional – I Lab	1	3	20	80	25	125		
DEADE	DEC 3D	Optional – II	4	4	20	80	25	125		
BS406	DSC-2D	Optional – II Lab	1	3	20	80	25	125		
BC 407	DSC-3D	Optional – III	4	4	20		25	125		
BS407		Optional- III Lab	1	3	20	80	45	125		
		TOTAL :	25	۰.	110	440	75	625		

#### KAKATIYA UNIVERSITY, WARANGAL - 506 009 B.Sc. PROGRAMME Under CBCS System Scheme wef A.Y: 2021-2022

#### THIRD YEAR

#### SEMESTER - V

					M	ax. Marks		
Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Interna I Exam	End Exam	Lab	Total Marks
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
		Optional – I	4	4				
BS 504	DSE-1E	Optional – I Lab	1	3	20	80	25	125
DC 505	DOD AD	Optional – II	4	4	-	00		
BS 505	DSE-2E	Optional – II Lab	1	3	20	80	25	125
Decor	DOD 1D	Optional – III	4	4	20	80	25	125
B2206	S506 DSE-3E	Optional – III Lab	1	3	20	80	25	125
		TOTAL:	25	+	110	440	75	625

#### **SEMESTER - VI**

				1000	Ma	ax. Marks	5	
Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Internal Exam	End Exam	Lab	Total Marks
BS 601	FL-6A	English	3	3	15	60	-	75
BS 602	SL-6 B	Second Language	3	3	15	60	8	75
BS 603	P.W / Optional	Optional: Public Health & Hygiene (Taught by: Zoology / Botany / Biotechnology / Micro Biology )	4	4	20	80	٠	100
		Optional - I	4	4	20	80	25	125
BS 604	DSE-1F	Optional – I Lab	1	3				
BC (05	DOD AD	Optional – II	4	4	20	80	25	135
BS 605	S 605 DSE-2F	Optional – II Lab	1	3				125
DC (Of	DEF 2F	Optional – III	4	4	20	80	25	135
B2 000	BS 606 DSE-3F	Optional – III Lab	1	3				125
1		TOTAL:	25	-	110	440	75	625

NSS/NCC/Sp orts/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	4	Up to 4 ( 2 in each, after I & II	Up to 4 ( 2 in each, after I &	Up to 4 ( 2 in each, after I & II
internship		years	II years	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;

### Course Structure of B.A Programme under CBCS pattern w.e.f. Academic Year 2019-20

#### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2019-2020 B.A. PROGRAMME

#### FIRST YEAR

#### **SEMESTER - I**

	52		12201		Ma	x. Marks	
Code	Course category	Title of the Paper *	No. of Credits	HPW	I.A	End Exam	Total Marks
B A 101	AECC-1	Basic Computer Skills	2	2	10	40	50
B A 102	FL-1 A	ENGLISH	4	4	20	80	100
B A 103	SL-1 B	SECOND LANGUAGE	4	4	20	80	100
B A 104	DSC-1 A	OPTIONAL - I	5	5	20	80	100
B A 105	DSC-2 A	OPTIONAL - II	5	5	20	80	100
B A 106	DSC-3 A	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25		-	550

#### **SEMESTER - II**

			1020.1 620		Max	k. Marks	
Code	Course category	Title of the Paper *	No. of Credits	HPW	I.A	End Exam	Total Marks
B A 201	AECC-2	Environmental Studies	2	2	10	40	50
B A 202	FL-2 A	ENGLISH	4	4	20	80	100
B A 203	SL-2 B	SECOND LANGUAGE	4	4	20	80	100
B A 204	DSC-1B	OPTIONAL - I	5	5	20	80	100
B A 205	DSC-2B	OPTIONAL - II	5	5	20	80	100
B A 206	DSC-3B	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	:**)	-	550

\* If a particular optional is having practical lab, the No. of credits may be considered as 4 = 1 (Theory + Lab Practical)

#### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2020-2021 B.A. PROGRAMME

					Max	_	
Code	Course category	Title of the Paper *	No. of Credits	HPW	I.A	End Exam	Total Marks
BA 301	SEC-1	Project Planning and Report Writing	2	2	10	40	50
BA 302	SEC-2	Entrepreneurship and Development	2	2	10	40	50
BA 303	FL-3 A	ENGLISH	3	3	15	60	75
BA 304	SL-3 B	SECOND LANGUAGE	3	3	15	60	75
BA 305	DSC-1 C	OPTIONAL - I	5	5	20	80	100
BA 306	DSC-2 C	OPTIONAL - II	5	5	20	80	100
BA 307	DSC-3 C	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

#### SECOND YEAR

#### **SEMESTER - IV**

	S		* No. of Credits HPW		Max. Marks		
Code	Course category	Title of the Paper *		HPW	I.A	End Exam	Total Marks
BA 401	SEC-3	Forms of Journalistic Writing	2	2	10	40	50
BA 402	SEC-4	Rural Politics and Leadership	2	2	10	40	50
BA 403	FL-4A	ENGLISH	3	3	15	60	75
BA 404	SL-4B	SECOND LANGUAGE	3	3	15	60	75
BA 405	DSC-1 D	OPTIONAL - I	5	5	20	80	100
BA 406	DSC-2 D	OPTIONAL - II	5	5	20	80	100
BA 407	DSC-3 D	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

• If a particular optional is having practical lab, the No. of credits may be considered as 4 = 1 (Theory + Lab Practical)

#### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2021- 2022 B.A. PROGRAMME FINAL YEAR

#### SEMESTER - V

				HPW	Max. Marks		
Code	Course category	Title of the Paper *	No. of Credits		I.A	End Exam	Total Marks
BA 501	FL-5 A	ENGLISH	3	3	15	60	75
BA 502	SL-5 B	SECOND LANGUAGE	3	3	15	60	75
BA 503	GE	Good Governance	4	4	20	80	100
BA 504	DSE-1 E	OPTIONAL - I	5	5	20	80	100
BA 505	DSE-2 E	OPTIONAL - II	5	5	20	80	100
BA 506	DSE-3 E	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

#### **SEMESTER - VI**

				HPW	Max. Marks		
Code	Course category	Title of the Paper *	No. of Credits		I.A	End Exam	Total Marks
BA 601	FL-6 A	ENGLISH	3	3	15	60	75
BA 602	SL-6 B	SECOND LANGUAGE	3	3	15	60	75
BA 603	PW - / Optional	Cultural Tourism in India	4	4	20	80	100
BA 606	DSE-1 F	OPTIONAL - I	5	5	20	80	100
BA 607	DSE-2 F	OPTIONAL - II	5	5	20	80	100
BA 608	DSE-3 F	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

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

FL-: First Language;

SL-: Second Language;

AECC: Ability Enhancement Compulsory Course;

SEC: Skill Enhancement Course;

DSC: Discipline Specific Course;

DSE: Discipline Specific Effective;

GE: Generic Elective;

PW: Project Work;



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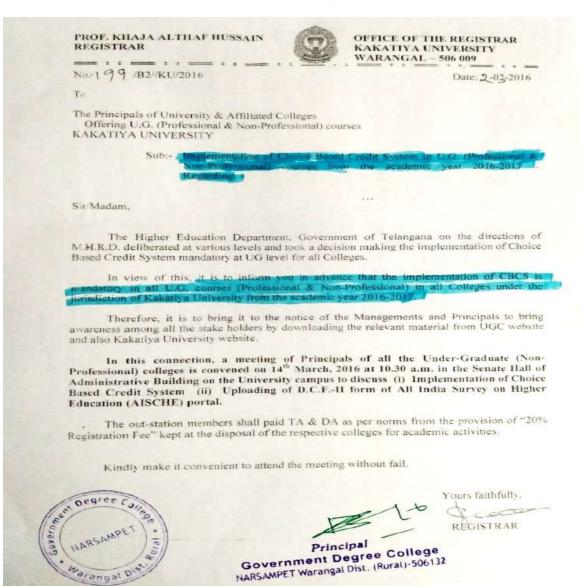


# **CRITERIA I**

# **METRIC 1.3.2**

Minutes of the Board of Studies/Academic Council Meetings with approval of the courses that include experiential learning through Field Study/ Project Works/ Internship

# Proceedings of the Registrar, Kakatiya University, Warangal regarding the implementation of CBCS in all the UG Colleges from the academic year 2016-17



#### Syllabus of Environmental Studies taught in the first year of all UG Courses. This paper involves 05 hours towards field study for understanding Pond Ecosystem and Forest Ecosystem

#### KAKATIYA UNIVERSITY

B.SC I YEAR SEMESTER-I - CBCS Ability Enhancement Compulsory Course (AECC)

#### ENVIRONMENTAL STUDIES

(2 hrs./week)

Credits - 2

(15 hrs.)

(15 hrs.)

## UNIT - 1 : Ecosystem, Biodiversity & Natural Resources

- 1. Definition, Scope & Importance of Environmental Studies.
- Structure of Ecosystem Abiotic & Biotic components Producers, Consumers, Decomposers, Food chains, Food webs, Ecological pyramids)
- 3. Function of an Ecosystem : Energy flow in the Ecosystem ( Single channel energy flow model )
- Definition of Biodiversity, Genetic, Species & Ecosystem diversity, Hot-spots of Biodiversity, Threats to Biodiversity, Conservation of Biodiversity (Insitu & Exsitu )
- Renewable & Non renewable resources, Brief account of Forest, Mineral & Energy (Solar Energy & Geothermal Energy) resources
- 6. Water Conservation , Rain water harvesting & Watershed management.

#### UNIT - II: Environmental Pollution , Global Issues & Legislation

- 1. Causes, Effects & Control measures of Air Pollution, Water Pollution
- 2. Solid Waste Management
- 3. Global Warming & Ozone layer depletion.
- 4. Ill effects of Fire- works
- 5. Disaster management floods, earthquakes & cyclones
- 6. Environmental legislation :-
- (a) Wild life Protection Act (b) Forest Act (c) Water Act (d) Air Act
- 7. Human Rights
- 8. Women and Child welfare
- 9. Role of Information technology in environment and human health

#### 

- Pond Ecosystem
- Forest Ecosystem

#### REFERENCES:

- Environmental Studies from crisis to cure by R. Rajagopalan (Third edition) Oxford University Press.
- Text book of Environmental Studies for undergraduate courses (second edition) by Erach Bharucha

Chairperson Board of Studies Department of Zoology & Senculture Unit

TEXTRON of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthena

Principal Government Degree College SHAMARSAMPET Warangal Dist. (Rural)-506132

(5 hours)

#### Syllabus of Gender Sensitisation which was being taught in the First year of all UG Courses. This paper involved practical activities such as survey and group project

#### SYLLABUS

#### GENDER SENSITISATION

#### Unit - I (Theory) 1 credit - 1 hour of instruction per week.

- 1. Gender: Definition, Nature and Evolution, Culture, Tradition, Historicity.
- 2. Gender Spectrum: Biological, Sociological, Psychological Conditioning.
- 3. Gender based division of labour domestic work and use value.
- 4. Gender, Human Rights and Parity (parallel progress of both genders).

Unit - II (Practical Activity) 1 credit - 2 hours of activity per week.

Group discussion, Presentation, Role play, Survey, Case studies, Group project based

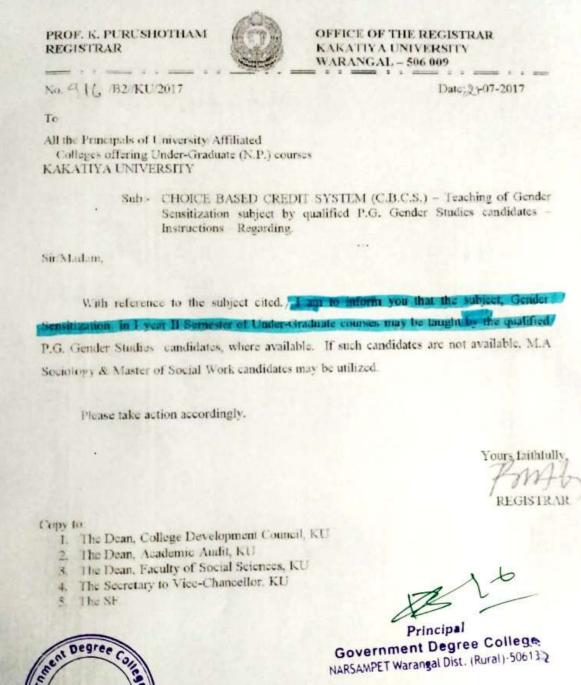
- Respect and Co-Existence.
- Social, Biological, Psychological, Political, Economic, Cultural, Health issues.
- Domestic Violence, Evc-tcasing, Sexual Harassment.
- Real Life Experiences of Gender Interaction.
- Print and Electronic Media and Gender Inequalities.
- · Contemporary Challenges.



-000-

Principal Government Degree College NARSAMPET Warangal Dist. (Rural)-506132

#### Proceedings of the Registrar, Kakatiya University, Warangal regarding the teaching of Gender Sensitisation subject in I year II Semester in all UG Courses.



NARSAMPET Agrangal Dist.

# **BA Programme Course Pattern under CBCS wef 2016-17**

# PDF Compressor Free Version

#### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme for under Choice Based Credit System With Effect from the Academic Year 2016-2019 PDF Compressor Free Versical PROGRAMME

Code	Course		No.of		Ma	x. Marks	Total Marks
	category	Title of the Paper	credits	HPW	1A	End Exam	
B A 101	AECC-1	Environmental Studies	2	2	10	40	50
B A 102	CC-1A	ENGLISH	5	5	20	80	100
B A 103	CC-2A	SECOND LANGUAGE	5	5	20	80	100
B A 104	DSC-1A	OPTIONAL - I	5	5	20	80	100
B A 105	DSC-2A	OPTIONAL - II	5	5	20	80	100
B A 106	DSC-3A	OPTIONAL - III	5	5	20	80	100
	Summa	ary of Credits	27	27	110	440	550
Code	Course	FIRST YEAR	- SEME	STER -	00.0	x. Marks	Transfer La
Code	category	Title of the Paper	credits	HPW		Contraction of the second	Total Marks
20 8124-013		1.769/03.4562/581951(Tudd+96274)	122010410408	INTERPORT	1A	End Exam	
B A 201	AECC-2	GENDER SENSITISATION	2	2	10	40	50
B A 202	CC-1B	ENGLISH	5	5	20	80	100
B A 203	CC-2B	SECOND LANGUAGE	5	5	20	80	100
B A 204	DSC-1B	OPTIONAL - I	5	5	20	80	100
B A 205	DSC-2B	OPTIONAL - II	5	5	20	80	100
B A 205	DSC-3B	OPTIONAL - III	5	5	20	80	100
	Summa	ary of Credits	27	27	110	440	550
		SECOND VEA		OTED			
Code	Course	SECOND YEA		STER		x. Marks	Total Marks
Code	Course category	SECOND YEA	R - SEM	STER HPW		The second second	Total Marks
	category	Title of the Paper Communication Skills in	No.of	1	Ma	x. Marks End Exam 40	Total Marks
B A 301	category SCC-1	Title of the Paper Communication Skills in English	No.of credits 2	HPW 2	Ma 1 A 10	End Exam 40	50
B A 301 B A 302	Category SCC-1 CC-1C	Title of the Paper Communication Skills in English ENGLISH	No.of credits 2 5	HPW 2 5	Ma 1 A 10 20	End Exam 40 80	50 100
B A 301 B A 302 B A 303	category SCC-1 CC-1C CC-2C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE	No.of credits 2 5 5	HPW 2 5 5	Ma 1 A 10 20 20	End Exam 40 80 80	50 100 100
B A 301 B A 302 B A 303 B A 304	category SCC-1 CC-1C CC-2C DSC-1C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL - I	No.of credits 2 5 5 5 5	HPW 2 5 5 5	Ma 1 A 10 20 20 20	End Exam 40 80 80 80 80	50 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305	category SCC-1 CC-1C CC-2C DSC-1C DSC-1C DSC-2C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL - I OPTIONAL - II	No.of credits 2 5 5 5 5 5 5	HPW 2 5 5 5 5	Ma 1A 10 20 20 20 20 20	End Exam 40 80 80 80 80 80	50 100 100 100 100
B A 301 B A 302 B A 303 B A 304	category SCC-1 CC-1C CC-2C DSC-1C DSC-1C DSC-2C DSC-3C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL - I OPTIONAL - II	No.of credits 2 5 5 5 5 5 5 5 5	HPW 2 5 5 5 5 5 5	Ma 1 A 10 20 20 20 20 20 20	End Exam 40 80 80 80 80 80 80 80	50 100 100 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305	category SCC-1 CC-1C CC-2C DSC-1C DSC-1C DSC-2C DSC-3C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL - I OPTIONAL - II	No.of credits 2 5 5 5 5 5 5	HPW 2 5 5 5 5	Ma 1A 10 20 20 20 20 20	End Exam 40 80 80 80 80 80	50 100 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 306	category SCC-1 CC-1C CC-2C DSC-1C DSC-2C DSC-3C Summa	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL - I OPTIONAL - II	No.of credits 2 5 5 5 5 5 27 <b>R - SEME</b>	HPW 2 5 5 5 5 5 5 27	Ma 1A 10 20 20 20 20 110 - IV	End Exam 40 80 80 80 80 80 80 440	50 100 100 100 100 550
B A 301 B A 302 B A 303 B A 304 B A 305	category SCC-1 CC-1C CC-2C DSC-1C DSC-1C DSC-2C DSC-3C	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111	No.of credits 2 5 5 5 5 5 27 <b>R - SEME</b> No.of	HPW 2 5 5 5 5 5 5 27	Ma 1A 10 20 20 20 20 20 110 - IV Ma	End Exam 40 80 80 80 80 80 80 440	50 100 100 100 100 550
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 Code	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 oPTIONAL -111 oPTIONAL -111 SECOND YEA Title of the Paper	No.of credits 2 5 5 5 5 27 <b>R - SEME</b> No.of credits	HPW 2 5 5 5 5 27 STER HPW	Ma 1A 10 20 20 20 20 20 110 - IV Ma 1A	End Exam 40 80 80 80 80 80 80 440 ************	50 100 100 100 100 550 Total Marks
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 Code B A 401	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 Title of the Paper Banking & Insurance	No.of credits 2 5 5 5 5 27 <b>R - SEME</b> No.of credits 2	HPW 2 5 5 5 27 STER HPW 2	Ma 1A 10 20 20 20 20 20 110 - IV Ma 1A 10	End Exam 40 80 80 80 80 80 80 440 x. Marks End Exam 40	50 100 100 100 100 550 Total Marks
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -1 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 Intry of Credits SECOND YEA Title of the Paper Banking & Insurance ENGLISH	No.of credits           2           5           5           5           5           7           R - SEME           No.of credits           2           5	HPW 2 5 5 5 27 STER HPW 2 5 5 5 27	Ma 1A 10 20 20 20 20 20 110 <b>- IV</b> Ma 1A 10 20	End Exam 40 80 80 80 80 80 440 x. Marks End Exam 40 80	50 100 100 100 100 550 Total Marks 50 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402 B A 403	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -1 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 INTY of Credits SECOND YEA Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE	No.of credits           2           5           5           5           5           7           R - SEME           No.of credits           2           5           27	HPW 2 5 5 5 27 STER HPW 2 5 5 5 5 27 STER 100 100 100 100 100 100 100 10	Ma 1A 10 20 20 20 20 20 110 <b>- IV</b> Ma 1A 10 20 20 20	End Exam 40 80 80 80 80 80 440 x. Marks End Exam 40 80 80 80	50 100 100 100 100 550 Total Marks 50 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402 B A 403 B A 404	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D DSC-1D	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -1 OPTIONAL -11 OPTIONAL -11 OPTIONAL -11 INTY of Credits SECOND YEA Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE OPTIONAL -1	No.of credits           2           5           5           5           5           2           5           5           27           R - SEME           No.of credits           2           5           2           5           2           5           5           5	HPW 2 5 5 5 27 STER HPW 2 5 5 5 5 5 5 5 5 5 5 5 5 5	Ma 1A 10 20 20 20 20 20 110 - IV Ma 1A 10 20 20 20 20 20	End Exam 40 80 80 80 80 80 440 x. Marks End Exam 40 80 80 80 80	50 100 100 100 100 550 Total Marks 50 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 B A 305 B A 401 B A 402 B A 403 B A 404 B A 405	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D DSC-1D DSC-1D DSC-2D	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 Inty of Credits SECOND YEA Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11	No.of credits           2           5           5           5           5           7           R - SEME           No.of credits           2           5           2           5           5           5           27	HPW 2 5 5 5 27 STER HPW 2 5 5 5 5 5 5 5 5 5 5 5 5 5	Ma 1A 10 20 20 20 20 20 110 - IV Ma 1A 10 20 20 20 20 20 20 20	End Exam 40 80 80 80 80 80 440 <b>x. Marks</b> End Exam 40 80 80 80 80 80 80	50 100 100 100 100 550 Total Marks 50 100 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402 B A 403 B A 404	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D DSC-1D DSC-1D DSC-2D DSC-3D	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -111	No.of credits           2           5           5           5           5           2           5           5           27           R - SEME           No.of credits           2           5           5           5           5           5           5           5           5           5           5           5           5           5           5	HPW 2 5 5 5 27 STER HPW 2 5 5 5 5 5 5 5 5 5 5 5 5 5	Ma 1A 10 20 20 20 20 20 20 110 <b>- IV</b> Ma 1A 10 20 20 20 20 20 20 20 20	End Exam 40 80 80 80 80 80 440 <b>x. Marks</b> End Exam 40 80 80 80 80 80 80 80	50 100 100 100 100 550 Total Marks 50 100 100 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402 B A 403 B A 404 B A 405 B A 405	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D DSC-1D DSC-2D DSC-3D Summa	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111 Inty of Credits SECOND YEA Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 OPTIONAL -111	No.of credits           2           5           5           5           5           7           R - SEME           No.of credits           2           5           27           S           5	HPW 2 5 5 5 5 27 STER HPW 2 5 5 5 5 5 5 5 5 5 5 5 27	Ma 1A 10 20 20 20 20 20 110 10 <b>- IV</b> Ma 1A 10 20 20 20 20 20 20 20 20 110	End Exam 40 80 80 80 80 80 440 <b>x. Marks</b> End Exam 40 80 80 80 80 80 80 80 80 80	50 100 100 100 100 550 Total Marks 50 100 100 100 100
B A 301 B A 302 B A 303 B A 304 B A 305 B A 305 B A 305 Code B A 401 B A 402 B A 403 B A 404 B A 405 B A 405 B A 406	Course category SCC-1 CC-1C DSC-1C DSC-2C DSC-3C Summa Course category SEC-2 CC-1D CC-2D DSC-1D DSC-2D DSC-3D Summa	Title of the Paper Communication Skills in English ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111 oPTIONAL -111 Title of the Paper Banking & Insurance ENGLISH SECOND LANGUAGE OPTIONAL -11 OPTIONAL -11 OPTIONAL -111 OPTIONAL -111	No.of credits 2 5 5 5 5 27 <b>R - SEME</b> No.of credits 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	HPW 2 5 5 5 5 27 STER HPW 2 5 5 5 5 5 5 5 5 5 5 5 27	Ma 1A 10 20 20 20 20 20 20 110 - IV Ma 1A 10 20 20 20 20 20 20 20 20 20 20 20 20 20	End Exam 40 80 80 80 80 80 440 <b>x. Marks</b> End Exam 40 80 80 80 80 80 80 80 90 90 90 90 90 90 90 90 90 90 90 90 90	50 100 100 100 100 550 Total Marks 50 100 100 100 100 100

19ptesso	rderee V	ersion	No.of	HPW	M	ax. Marks	Total
	category	Title of the Paper	credits		IA	End Exam	Marks
B A 501	SEC-3	Telangana Heritage and Culture	2	2	10	40	50
B A 502	GE-1	Water Resource Management	2	2	10	40	50
B A 503	DSC-1E	OPTIONAL -I	4	4	2.0	80	100
BASSA	Banata	OPTIONAL VENSION	4	4	20	80	100
B A 505	DSC-3E	OPTIONAL - III	4	4	20	80	100
B A 506	DSC-4E	OPTIONAL -I A	4	4	20	80	100
B A 507	DSC-5E	OPTIONAL -II B	4	4	20	80	100
B A 508	DSC-6E	OPTIONAL - III C	4	4	20	80	100
	Su	immary of Credits	28	28	140	560	700
					-		
Code	Course	FINAL YEAR - SE		HPW		ax. Marks	
Code	category	Title of the Paper	No.of	FIPVV		Carlor Contraction	Total
	category	The same as a constraint (a) and (b) and (c)	credits		IA	End Exam	Marks
B A 501	SEC-4	Personality Development and Soft Skills	2	2	10	40	50
B A 502	GE-2	Public Health and Hygiene	2	2	10	40	50
B A 503	DSC-1F	OPTIONAL -I	4	4	20	80	100
B A 504	DSC-2F	OPTIONAL - II	4	4	20	80	100
B A 505	DSC-3F	OPTIONAL - III	4	4	20	80	100
B A 506	DSC-4F	OPTIONAL -I A	4	4	20	80	100
B A 507	DSC-5F	OPTIONAL - II B	4	4	20	80	100
B A 508	DSC-6F	OPTIONAL - III C	4	4	20	80	100
	- 19.9	ummary of Credits	27	27	140	560	700
		nent Compulsory Course		Enhancer			
DSC: Discip GE: Generi	line Specific	Course	DSE: Disc	ipline_Spe	cific Effe	ective;	
UNIT - E 1 1. Definitio 2. CStructur Producers, Food chain 3. Function Single chain 4. Definitio Ecosystem Biodiversit Exsitu) 5. Renewa Forest , Mi resources 6. Water C managemen	<u>AECC-I.</u> E cosystem, m, Scope & te of Ecosy Consumers, s, Food web a of an Ecosy mel energy f n of Biod diversity, I y, Conserv ble & Non-r neral & Ener onservation,	c/B.A./B.Com) CBCS <u>Environmental Studies</u> Biodiversity & Natural Resources Importance of Environmental Studies. stem – Abiotic & Biotic components Decomposers, s, Ecological pyramids) stem :Energy flow in the Ecosystem ( dow model ) liversity , Genetic, Species & Iot-spots of Biodiversity, Threats to ation of Biodiversity (Insitu & enewable resources, Brief account of regy (Solar Energy & Geothermal Energy Rain water harvesting & Watershed II: Environmental Pollution, Global	3. Global 4. III - ef 5. Disast cyclones 6.Environ (a) W Wate 7.Huma 8.Womer 9.Role and hum ◆ Fie 1 F REFE 0. ] -by R Oxfor underg Bharue	Feets of Fi fer manage mmental le Vild life Pr ar Act (d) A n Rights n and Chill of Inform nan health Hd Study: Cond Eco s RENCES Environma . Rajagopi d Universi Text boo raduate co ha	W Ozon re-work ement – gislation otection Air Act d welfard ation tec 1 ystem. 2 ; ental Stu alan (Thi ty Press. ok of En purses (so	e layer depleti s floods, carth i:- Act (b) Forest hnology in em Forest Ecosys dies - from en rd edition)	quakes & Act (c) vironment item isis to cur tudies for by Erach

# **B.Sc Programme Course pattern under CBCS wef 2016-17**

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

# FIRST YEAR

## SEMESTER - I

			10000			Max. Ma	arks	10000
Code	Course category	Title of the Paper	No. of Credits	HPW	1.A	End Exam	Lab Practical	Total Marks
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
-		OPTIONAL - I	4	4				
BS104	DSC-1A	OPTIONAL-ILAB	1	2	20	80	25	125
BS105	DSC-2A	OPTIONAL - II	4	4	20	80	25	
BS105	DSC-2A	OPTIONAL - II LAB	1	2	20	80	25	125
BS106	DSC-3A	OPTIONAL - III	4	4	20	80	25	125
85100		OPTIONAL - III LAB	1	2	20	80	25	125
		Summary of Credits	27	2.241	*	174		625

#### SEMESTER - II

			- water - the			Max. Ma	arks	1
Code	Course category	Title of the Paper	No. of Credits	HPW	J.A	End Exam	Lab Practical	Total Marks
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
		OPTIONAL -I	4	4				
BS204	DSC-1B	OPTIONAL -I LAB	1	2	20	80	25	125
-		OPTIONAL - II	4	4	20		25	105
BS205	DSC-2B	OPTIONAL - II LAB	1	2	20	80	25	125
BS206	DSC-3B	OPTIONAL - III	4	4	20	80	25	100
D-3200		OPTIONAL - III LAB	1	2	20	80	20	125
		Summary of Credits	27	1.4				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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### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme for under Choice Based Credit System With Effect from the Academic Year 2016-2019 PDF Compressor Free B.SC. PROGRAMME

## SECOND YEAR

### **SEMESTER - III**

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

### **SEMESTER - IV**

					2	Max. Ma	irks	
Code	category	Title of the Paper	No. of Credits	HPW	1.A	End Exam	Lab Practical	Total Marks
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
-	000.00	OPTIONAL - 1	4	4	-	-		105
BS404	DSC-1D	OPTIONAL - I LAB	1	2	20	80	25	125
DOUDT	DSC-2D	OPTIONAL - II	4	4	20		25	125
BS405	DSC+20	OPTIONAL - II LAB	1	2	20	80	25	125
-	DSC-3D	OPTIONAL - III	4	4	20	80	25	125
BS406		OPTIONAL - III LAB	1	2	20	- 60	25	125
		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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# KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme for under Choice Based Credit System With Effect from the Academic Year 2016-2019 PDF Compressor Free B.SC. PROGRAMME

## FINAL YEAR

## **SEMESTER - V**

	- 275		10000 may			Max. Mark	s	
Code	Course Type	Title of the Paper	No. of Credits	HPW	I.A	End Exam	Total	Total Marks
BS 501	SEC-3	Verbal Reasoning for Aptitude Test (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 502	GE-I	Public Health and Hygiene (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
	-	OPTIONAL - I	3	3	20	80	100	
BS 503	DSC-1E	OPTIONAL - I LAB	1	2		25	25	125
BS 504	DSC-2E	OPTIONAL - II	3	3	20	80	100	125
85 504	USC-2E	OPTIONAL - II LAB	1	2		25	25	125
DOFOR	-	OPTIONAL - III	3	3	20	80	100	105
BS505	DSC-3E	OPTIONAL - III LAB	1	2	•	25	25	125
		OPTIONAL - I Elective (A/B/C)	3	3	20	80	100	1
BS506	DSE-1E	OPTIONAL – I Elective (A/B/C) LAB	1	2		25	25	125
		OPTIONAL - II Elective (A/B/C)	3	3	20	80	100	
BS507	DSE-2E	OPTIONAL – II Elective (A'B/C) LAB	1	2	•	25	25	125
		OPTIONAL - III Elective (A/B/C)	3	3	20	80	100	
BS508	DSE-3E	OPTIONAL – III Elective (A/B/C) LAB	1	2	•	25	25	125
		Summary of Credits	28	34	- 2			850

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

### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme for under Choice Based Credit System PDF ComWith Office: from the Academic Year 2016-2019 **B.SC. PROGRAMME**

### FINAL YEAR

	-		10000		1	Max. Mark	5	
Code	Course Type	Title of the Paper	No. of Credits	HPW	I.A	End Exam	Total	Total Marks
BS 601	SEC-4	Quantilative Aptitude Test (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
BS 602	GE-II	Water Resources Management (Interdisciplinary to be offered to all Science departments.)	2	2	10	40	50	50
		OPTIONAL - I	3	3	20	BO	100	2002
BS 603	DSC-1F	OPTIONAL - I LAB	1	2		25	25	125
		OPTIONAL - II	3	4	20	80	100	100
BS 604	DSC-2F	OPTIONAL - II LAB	ĩ	2		25	25	125
BS 605	DSC-3F	OPTIONAL - III	3	3	20	80	100	105
85 005	DSC-3F	OPTIONAL - III LAB	1	2	•	25	25	125
		OPTIONAL - I Elective (A/B/C)	3	3	20	80	100	- sectors
BS 606	DSE-1F	OPTIONAL - I Elective (A/B/C) LAB	1	2	٠	25	25	125
		OPTIONAL - II Elective (A/B/C)	3	3	20	80	100	- Andrews
BS 607	DSE-2F	OPTIONAL - II Elective (A/B/C) LAB	i	2		25	25	125
	DSE-3F	OPTIONAL - III Elective (A/B/C)	3	3	20	80	100	12220
BS 608	DOL-OF	OPTIONAL - III Elective (A/B/C) LAB	1	2	•	25	25	125
		Summary of Credits	28	34			126	850

## SEMESTER - VI

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

# Course Structure of B.Sc (Botany) Programme under CBCS pattern w.e.f. Academic Year 2016-17

		HEME FOR B.Sc P CE BASED CREDI		1
FIRST YEAR SEME	STER-I			
Code	Course Title	Course Type	HPW	Crdeits
BS 104	Optional I	<b>D</b> .Sc - A	4 T 2 P = 6	4 + 1 = 5
P	aper-I Microb	ial Diversity o	of Lower Plants	5
SEMESTER-II			1000 march 1	
Code	Course Title	Course Type	HPW	Crdeits
BS 201	Environmental	AECC-2	2	2
BS204	Optional-I	DSC-1B	4T + 2P = 6	4 + 1 = 5
	ryophytes Pteric			aeobotany
SECOND YEAR SEM	MESTER.III	iopitytes, cynn	osperins and i a	an −
Code	Course Title	Course Type	HPW	Crdeits
B\$304	Optional-I	DSC-IC	4 T + 2 P = 6	4 + 1 = 5
Paper-III	Taxonomy of	Angiosperms	and Medicina	al Botany
SEMESTER-IV				
Code	Course Title	Course Type	HPW	Crdeits
BS404	Optional - I	DSC-ID	4 T + 2P = 6	4 + 1 = 5
Pla	nt Anatomy,	Embryology	and Palynol	ogy
THIRD YEAR SEME	STER-V			
Code	Course Title	Course Type	HPW	Crdeits
BS 503	Optional-I	DSC - IE	3 T + 2P = 5	3 + 1 =
and the second se	Paper-V: Ce	Il Biology	and Genetics	3
the second se	and the second sec	DSE-1#	3T + 2P = 5	3 + 1 =
BS 506	Optional I A/B ve-I Ecology and	Die diversity / E		
Electr	ve-I Ecology and	Biodiversity / E	lective II. Houte	Julture
SEMESTER-VI				
Code	Course Title	Course Type	HPW	Crdeit
the second s	Optional-I	DSC - 1F	3 T + 2P = 5	3 + 1 =
BS 603	Paper-VI	II: Plant Pl	hysiology	2
BS 603	*			1 1 - 1 -
00 (0)	Optional A/B/	DSE - IF	3T + 2P = 5	3 + 1 =
00.000	Optional A/B/	DSE - IF	3T + 2P = 5	
BS 606 Elective III Ti	Optional A/B/ issue Culture and	DSE - IF Biotechnology	3 T + 2P = 5 / Elective-IV: Se	ed Technol
BS 606 Elective III Ti	Optional A/B/ issue Culture and	DSE - IF Biotechnology / mpulsory Course:	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline	ed Techno
BS 606 Elective III Ti	Optional A/B/ issue Culture and	DSE - IF Biotechnology / mpulsory Course:	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline	ed Techno
BS 606 Elective III Ti	Optional A/B/ issue Culture and	DSE - IF Biotechnology	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline	ed Techno
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course:	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline	ed Techno
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course:	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline	ed Techno
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : 1	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : I	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou
BS 606 Elective III Ti AECC: Ability	Optional A/B/ issue Culture and Enhancement Con DSE : I	DSE - IF Biotechnology / mpulsory Course: Discipline Specific	3 T + 2P = 5 / Elective-IV: Se DSC: Discipline Elective	Specific Cou

# Course Structure of B.Sc (Zoology) Programme under CBCS pattern w.e.f. Academic Year 2016-17

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# Scheme of Instruction, Credit Structure and Examination for PDF Compressor Free Version

27.32	Semes	Course		No. of		4	Max. Mar	KS	Total
Code	ter	category	Title of the Paper	Credits	HPW	1.A	End Exam	Total	Marks
FIRST Y	EAR								1
		DSC-1A (Theory)	Animal Diversity-	4	4	20	80	100	
BS104	з	DSC-1A (Practical)	Invertebrates	2	2		50	50	150
DCOOL		DSC-1B (Theory)	Ecology, Zoogeography and	4	4	20	80	100	
BS204		DSC-1B (Practical)	Animal Behavior	2	2		50	50	150
SECON	D YEAR	-						-	12 .
BS304	m	DSC-1C (Theory)	Animal Diversity- Vertebrates and	4	4	20	80	100	150
85304		DSC-1C (Practical)	Developmental Biology	2	2	۲	50	50	150
		DSC-1D (Theory)	Cell and Molecular Biology,	4	4	20	80	100	150
BS404	IV	DSC-1D (Practical)	Genetics and Evolution	2	2	•	50	50	150
THRID 1	EAR	5						1	·
		DSC-1E (Theory)	Physiology and	3	3	15	60	75	
BS503	v	DSC-1E (Practical)	Biochemistry	1	1		25	25	100
BS506		DSC-1E (Theory)	Applied Zoology or Food and Nutrition or	3	3	15	60	75	100
		DSC-1E (Practical)	Bioinstrumentation	1	1		25	25	
BS603		DSC-1F (Theory)	Immunology and Animal	3	3	15	60	75	100
63003		DSC-1F (Practical)	Biotechnology	1	1	•	25	25	
BS606	VI	DSC-1F (Theory)	Public Health and Hygiene or Aquatic Biology or	3	3	15	60	75	100
5000		DSC-1F (Practical)	Sericulture	1	1	•	25	25	
		-11.5 · · · ·	Summary of Credits	50	50		-		1000

# Course Structure of B.Sc (Physics) Programme under CBCS pattern w.e.f. Academic Year 2016-17

# **PDF Compressor Free Version**

B.Sc. (Physics) Syllabus, Kakatiya University, Warangal CBCS pattern in Semester System (w. e. from 2016-2017)

### PDF Compressor Free Version KAKATIYA UNIVERSITY, WARANGAL SCHEME FOR CHOICE BASED CREDIT SYSTEM B.Sc. (PHYSICS) <u>SEMESTER PATTERN</u>

	-		COURSE	HRS/	and a second second	MAI	RKS
YEAR	SEM	COURSE (PAPER) TITLE WITH CODE	TYPE*	WEEK	CREDITS	Internal Assessment	SEM End Exam
		101: Mechanics	DSC-1	4	4	20	80
F	1	101(P): Mechanics Lab (Pr)	DSC-I(P)	3	1	-	25
I R	140	201: Waves and Oscillations	DSC-2	4	4	20	80
S T	п	201(P): Waves and Oscillations Lab (Pr)	DSC-2(P)	3	1		25
s	ш	301: Thermal Physics	DSC-3	4	4	20	80
E		301(P): Thermal Physics Lab (Pr)	DSC-3(P)	3	1	-	25
C O		401: Opties	DSC-4	4	4	20	80
N D	IV	401(P): Optics Lab (Pr)	DSC-4(P)	3	-1		25
		501: Electromagnetism	DSC-5	3	3	15	60
		501(P): Electromagnetism Lab (Pr)	DSC-5(P)	3	1		25
т		502: Elective (Theory) – 1 (A/B/C) A. Solid state physics B. Modern Optics	DSE-1	3	3	15	60
H I R D		502(P): Elective (Practical) - 1 (A/B/C) A. Solid state physics Lab B. Modern Optics Lab	DSE-1(P)	3	1		25
		601: Modern Physics	DSC-6	3	3	15	60
		601(P): Modern Physics Lab (Pr)	DSC-6(P)	3	1		25
	vı	602: Elective (Theory) – 2 (A/B/C) A. Basic Electronics B. Physics of Semiconductor devices	DSE-2	3	3	15	60
		602(P): Elective (Practical) – 2 (A/B/C) A. Basic Electronics Lab B. Physics of Semiconductor devices Lab	DSE-2(P)	3	1	jų.	25
		Total			24	140	760
					36	Grand Te	otal : 900

\*DSC: Discipline Specific Course (Core) DSE: Discipline Specific Elective (Elective)

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Dr. B. Venkatram Reddy Chairman, Board of Studies in Physics, KU, Wgl Date: 24th Aug., 2016 & 5th June, 2017

## Course Structure of B.Sc (Chemistry) Programme under CBCS pattern w.e.f. Academic Year 2016-17

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Seme ster	Title	Course type	Hrs/ week	No. of Credits	Main exam	Internal exam	Total
1	Chemistry-I (T)	DSC-1	4	4	80	20	100
1	Chemistry -I (P)	DSC-1A	2	1	25		25
п	Chemistry-II (T)	DSC-1I	4	4	80	20	100
11	Chemistry -II (P)	DSC-1IA	2	1	25		25
ш	Chemistry-III (T)	DSC- III	4	4	80	20	100
ш	Chemistry-III (P)	DSC-II1A	2	1	25	*****	25
IV	Chemistry-IV (T)	DSC-1V	4	4	80	20	100
IV	Chemistry-IV (P)	DSC-IVA	2	1	25		25
	Chemistry-V (T)	DSC-V	3	3	60	15	75
	Chemistry –V (P)	DSC-VA	2	1	25		25
v	Elective-I (T) A/B/C	DSE-I (T)	3	3	60	15	75
	Elective -I (P)	DSE-I (P)	2	1	25	-	25
	Chemistry-VI (T)	DSC-VI	3/3/3	3	60	15	75
	Chemistry -VI (P)	DSC-VI A	2/2/2	1	25		25
VI	Elective -II (T) A/B/C	DSE-II (T)	3/3/3	3	60	15	75
	Elective -II (P)	DSE-II (P)	2/2/2	1	25	-	25
Total			64	36			900

## Proposed Schame for Choice Based Credit System in B.Sc. Chemistry

(T) = Theory; (P) = practical; DSC = Discipline specific course (Core subject); DSE = Discipline Specific Elective (Elective from core Discipline)

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Prof. Gade Dayakar, Chairperson, BOS in Chemistry, KU,

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# Course Structure of B.Sc (Computer Science) Programme under CBCS pattern w.e.f. Academic Year 2016-17

# **PDF Compressor Free Version**

## PDF Compressor Free VerSion (Computer Science) CBCS pattern in Semester System (w. e. from 2016-2017)

	Semes	Course		No. of			Max. Mar	ks	Total
Code	ter	category	Title of the Paper	Credits	HPW	LA	End Exam	Total	Marks
FIRST Y	EAR	20 X							A
BS106		DSC-1A (Theory)	Object Oriented	4	4	20	80	100	125
55100		DSC-1A (Practical)	Programming with C++	1	2		25	25	120
BS206		DSC-1B (Theory)	Data Structures and File	4	4	20	80	100	125
00100		DSC-18 (Practical)	Processing	1	2		25	25	
SECON	DYEAR								
BS306	III.	DSC-1C (Theory)	Database Management	4	4	20	80	100	125
		DSC-1C System (Practical)	System	1	2	•	25	25	
	1						-		
BS406 IV	IV	DSC-1D (Theory)	Design and Analysis of Algorithms	4	4	20	80	100	125
		DSC-1D (Practical)	Algorithms	1	2	•	25	25	
THRID	FAR		8	C					-
BS505		DSC-1E (Theory)	Web evenemeter	3	3	15	60	75	100
8300	v	DSC-1E (Practical)	Web programming	1	2		25	25	100
BS508	•	DSC-1E Elective 1 (A/B/C) (Theory) A) Operating Systems	3	3	15	60	75	100	
		DSC-1E (Practical)	B) Data Mining C) Cryptography	1	2	10 <b>4</b> 84	25	25	
BS605		DSC-1F (Theory)	Visual Programming	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	141	25	25	
BS608	VI VI	DSC-1F Elective 2 (A/B/C) A) Multimeda Systems &		3	3	15	60	76	100
		DSC-1F (Practical)	B) Computer Graphics C) Computer Networks	1	2	•	25	25	
	<u>.</u>		Summary of Credits	36	•		•		900

Note: - Skill Enhancement Courses (SEC1, SEC2, SEC3 and SEC4) will be introduce later

# Course Structure of B.Com under CBCS pattern w.e.f. Academic Year 2016-17

# Department of Commerce & Business Management, Kakatiya University, Warangal - 506009

B.Com Common Core Syllabi under CBCS (wef 2016-17) STRUCTURE OF B.Com- DEGREE COURSE under CBCS for ALL STREAMS (B.Com, B.Com (Computer Applications), B.Com (Taxation), B.Com (Tax Procedures & Practices), B.Com (Corporate Secretary ship), B.Com (Advertising and Sales Management) and B.Com (Insurance))

# w.e.f. ACADEMIC YEAR 2016-17

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Mark
BC101-Common to all	Communication	AECC-1	2	2		
BC102- Common to all	English	CC-1A	5	5		
BC103- Common to all	Second Language	CC-2A	5	5		
BC104-Common to all	Financial Accounting - 1	DSC-1A	5L+1T=6	6		-
BC105- Common to all	Business Economics	DSC-2A	6	6		
BC106- Common to all	Business Organization	DSC-3A	4	4		
BC107-Common to all	Information Technology	DSC-4A	4	.4		
and the second s	Total			32		

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Mark
BC201-Common to all	Environmental Science	AECC-2	2	2		
BC202- Common to all	English	CC-1B	5	5		
BC203- Common to all	Second Language	CC-2B	5	3		
BC204-Ceramon to all	Financial Accounting - II	DSC-1B	5L+1T=6	6		
BC205- Common to all	Managerial Economics	DSC-2B	5L+1T=6	6		
BC206- Common to all	Principles of Management	DSC-3B	4	4		
BC267- Common to all	Foreign Trade	DSC-4B	4	4		
	Toml			32		

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and the second second	SE	COND YEAR :SEM	ESTER-III			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Mark
BC301-Common to all	A	SEC-1	2	2		
		OR				
BC301-Common to all	В	SEC-1	2	2		
BC302- Common to all	English	CC-IC	5	5		
BC303- Common to all	Second Language	CC-2C	5	5		
BC304-Common to all	Advanced Accounting	DSC-1C	5L+1T=6	6		
BC305- Common to all	Business Statistics-I	DSC-2C	6	6		
BC306- Common to all	Income Tax-I	DSC-3C	4	4		
BC307- Common to all except B.Com (CA)	Entrepreneurial Development & Business Ethics	DSC-4C	4	4		
		OR				
BC307- B.Com(CA)only	Programming with C	DSC-4C	4	4		
State of the other division of the other div	Total			32		

COMPACT OF STREET		SECOND YEAR :SEM	ESTER-IV			
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
BC401-Common to all	C	SEC-2	2	2		
		OR				
BC401-Common to al	D	SEC-2	2	2		
BC402-Common to all	English	CC-1D	5	5		
BC405- Creamer to all	Second Language	CC-2D	5	3		-
BC404-Common to all	Corporate Accounting	DSC-1D	5L+1T=6	6		
BC485-Common to all	Business Statistics-II	DSC-2D	6	6		
BOAK- Generate al	Income Tex-II	DSC-3D	4	4		
BC407-Centros to al	Auting	DSC-4D	4	4		
	Istal			32		

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Code		HIPD VE ID								
BC501-Common to	E Title of th	THIRD YEAR :SEMESTER-V								
	10	ie raper	Course	HPW	0					
BC501-Common to	F	0.0	SEC-3		Credits	Exam	Max.			
BC502-Common to	-	OR		*	2					
BC503-Common to	0		SEC-3	- 2						
BC504-Common to	Cost Accounting	OR     SEC-3     2       GE-1     5L+1T     DSC-1E     6       DSC-1E     6     DSC-2E     5       DSC-3E     4     DSC-3E     4       DSC-3E     4     DSC-3E     4       Financial Management     SE-1A     4L+1T       Financial Management     SE-1A     4L+1T       Financial Management     SE-1A     4L+1T       Financial Management     SE-1A     4L+1T       Direct Tax - 1     SE     DSE-1A     4L+1T       Income Tax     OS     DSE-1A     4L+1T       Business Environment     SE-1A     4L+1T       Marketing Management     SE-1A     4L+1T       Principles and Practices of     DSE-1A     4L+1T       Principles and Practices of     DSE-2A     4L+1T       Indian Accounting Standardsev     DSE-2A     4L+1T       Indian Accounting Standardsev     DSE-2A     4L+1T       Objective Oriented     SV     DSE-2A     4L+1T       Indian Accounting Standardsev     DSE-2A     4L+1T       Indirect Taxes     SV     DSE-2A     4L+1T       Indirect Taxes     SV     DSE-2A     4L+1T       Income Tax Procedures and ex     DSE-2A     4L+1T       Income Tax Procedures and ex <td></td> <td>2</td> <td></td> <td></td>			2					
BC505- Common to	Business Law				-					
BC506- Common to	Banking Theory & Practice				6					
	Computerized Accounting		DSC-3E		-					
Donie	and the second se				4					
BC507	Elective Group - A General	Elective-1	1		5					
	Elective Group - B Finance	Financial Management	DSE-1A	dI +1T-C						
	Elective Group - C Accounting	Financial Management	DSE-1A	41+11-6	5		1000			
and the second second	B.Com (Computer Applications)	Financial Statement Analysis	DSE 1A	4L+11=5	5		10000			
	B.Com (Taxation)	E-Commerce A	DSE-IA	41+11=5	5					
	B Com (Tax B	Direct Tax -1	DSE-IA	4L+11=5	5					
	B.Com (Tax Procedures & Practices)		DSE-IA	4L+11=5	5					
Call Contractor	B.Com (Corporate Secretary ship)	Business Environment	DSE-IA	4L+11=5	5					
	B.Com (Advertising and Sales Management)	Marketing Management	DSE-IA	41+11=5	5					
	B.Com (Insurance)	Principles and Practices of /	DSE-IA	4L+11=5	5					
	PI		DSE-IA	4L+1T=5 5						
	Elective Group - A General	Principles of Marketing	Data							
	Elective Group - B Finance	Financial Services			5					
	Elective Group - C Accounting	Indian Accounting Stee to 1			5					
	B.Com (Computer Applications)	Objective Oriented	DSE-2A		5					
RC508 -		Programming with C++	DSE-2A	4L+1T=5	5					
Constant of the second s	B.Com (Taxation)	Indirect Taxes	DEPAL							
	B.Com (Tax Procedures & Practices)	Income Tax Procedures and as				-				
1	B.Com (Corporate Secretary ship)	Corporate Law & Dear			5					
1	B.Com (Advertising and Sales Management)	Advantisian 1			5					
		Land or	the second s		5					
N		Legal and managenal aspects of	DSE-2A	4L+1T=5	5					
Tel I	Total		-1	6	1000					
	B.Com (Tax Procedures & Practices) B.Com (Corporate Secretary ship) B.Com (Advertising and Sales Management) B.Com (Insurance) Fotal	Income Tax Procedures and A Corporate Law & Practice - 1 Or Advertising -1	DSE-2A DSE-2A DSE-2A DSE-2A	4L+1 4L+1 4L+1 4L+1	T=5 T=5 T=5	T=5 5 T=5 5 T=5 5 T=5 5 T=5 5 3%	T=5 5 T=5 5 T=5 5 T=5 5 38			

	THI	RD YEAR SEMESTER-VI	10.32						
BC601-Common to all	G Title of the	Paper	Course	HPW	Credits	Eram	1.40		
			SEC-4	2	2	1.110	Ma		
BC601-Common to all	H	OR		1			-		
BC602-Common to all	The second s		SEC-4	2	2		T		
BC603- Common to all	Managerial Accounting		GE-2	5L+1T=6	6		T		
BC604-Common to all	Company Law			51.+17-6	6	-	+		
BC505-Common to all	Financial Institutions & Markets		DSC-2F	5	5		1		
BC506- Common to all	Commerce Lab	and the second second	DSC-3F	5	5				
	Land Land		DSC-4F	4	4				
a Charles	Elective Group - A General	Elective-3							
	Elective Group - B Finance	Human Resource Management &	the second s	4L+1T=5	5				
	Elective Group - C Accounting	Investment Management		4L+1T=5					
	B.Com (Computer Applications)	Advanced Managerial Accounting							
BC607	B.Com (Taxation)	Web Technologies		4L+1T=5		1			
	B.Com (Tax Procedures & Practices)	Direct Tax - 2		4L+1T=5					
	B.Com (Corporate Secretary ship)	Income Tax Procedures & A Secretarial Practice		4L+1T=5			-		
	B.Com (Advertising and Sales Management)	Sales Promotion and Sales		4L+1T=5		-	-		
	B.Com (Insurance)	Fire and Marine Insurance	Contraction in the local division of the	4L+1T=5 4L+1T=5			-		
	Dicom (insurance)	Elective-4	DSE-ID	4L+11=3	1 3	1	1		
State of Lot of	Elective Group - A General	Tax Planning and Management	DCE 30	4L+1T=5	5 5	1			
	Elective Group - B Finance	International Finance		4L+11=5			-		
	Elective Group - C Accounting	Advanced Corporate Accounting		4L+1T=5			+		
	B.Com (Computer Applications)	Relational Data Base Management		4L+1T=			+		
BC608	B.Com (Taxation)	Tax Planning and Management	and the state of t	4L+1T=	and the second second second	-	+		
BCOVO	B.Com (Tax Procedures & Practices)	Other Taxes	DSE-2B	No. of Concession, Name of Street, or other		-	+		
		Corporate Law and Practice - 2 of		the second s		-	-		
	B.Com (Corporate Secretary ship)	Advertising -2	DSE-28	the state of the s	and the second second	-	-		
	B.Com (Advertising and Sales Management)	Property and Liability Insurance	DSE-2E	the second se	and the second data and the se	-	-		
and and areas	B.Com (Insurance	Property and Clabinty Insurance	056-41	467117	3 3	-			
	Total			-	6	-	-		

# Course structure of B.Com. under CBCS pattern w.e.f. Academic year 2019-20

Faculty of Commerce & Business Management, Kakatiya University, Warangal.

# B.Com.

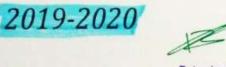
# (Computer Applications)





FACULTY OF COMMERCE & BUSINESS MANAGEMENT KAKATIYA UNIVERSITY Vidyaranyapuri, Warangal





AT TO

Principal Government Degree College NARSAMPET Warangal Dist. (Rurat)-506132

		CBCS COURSE ST	<b>FRUC</b>	FURE		
SLNo.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
		1 Year 1 Semester	(-4)	(0)	01	(0)
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
1	AECC1	a]Environmental Science/				
3.	AECCI	b]Basic Computer Skills/	2	2	1 ½ hrs	400+101
4.	DSC101	Financial Accounting-1	5	5	3 hrs	800+201
-	Decana	Business Organization and				
5.	DSC102	Management	5	5	3 hrs	80U+201
	Dector	Fundamentals of Information				50T+35P+
6.	DSC103	Technology	3T+4P	5	1 ½ hrs	151
		Total	27	25		
		1 Year II Semester				
7.	ELS2	English (First Language)	4	4		
8,	SLS2	Second Language	4	4		
9.	AECC2	a)Basic Computer Skills/ b)Environmental Science	2	z	1 ½ hrs	400+10
10.	DSC201	Financial Accounting-II	5	5	3 hrs	800+201
11.	DSC202	Business Laws	5	5	3 hrs	800+20
12.	DSC203	Programming with C & C++	3T+4P	5	1 ½ hrs	50T+35P 151
		Total	27	25		
		II Year I Semester				
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1	a)Principles of Insurance/ b)Foundation of Digital Marketing/ c)Fundamentals of Business Analytics	2	2	1 ½ hrs	400+10
16.	SEC2	a)Practice of Life Insurance/ b)Web Design & Analytics/ c)Application of Business Analytics	2	2	1 ½ hrs	40U+1
17.	DSC301	Advanced Accounting	5	5	3 hrs	800+2
18.	DSC302	Business Statistics-I	5	5	3 hrs	800+2
	DSC302 DSC303 ree Contesso SAMPET	p. Jational Database Management	3T+4P	5	1 ½ hrs	50T+35 151
1		Total	27	25	- 1	
Deg	ree Colle	Tutal		1-	5 60	

ELS4 SLS4 SEC3	II Year II Semester English (First Language) Second Language a)Practice of General Insurance/	3	3 3		
11		3	3		
SEC3	a)Practice of General Insurance/				
	b)Social Media Marketing c)Business Intelligence	2	2	1 ½ hrs	400+101
SEC4	a)Regulation of Insurance Business/ b)Search Engine Optimization & Online Advertising c)Data Visualisation & Storytelling	2	2	1 ½ hrs	400+101
		5	5	3 hrs	800+201
111111111111	Business Statistics-II	5	5	3 hrs	800+201
DSC403	Web Technologies	3T+4P	5	1 ½ hrs	50T+35P+ 151
1	Total	27	25		
	III Year I Semester				
ELS5	English (First Language)	3	3		
SLS5	Second Language	3	3		
GE	a)Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	800+201
DSE501	<ul> <li>a) Cost Accounting/</li> <li>b) Financial Planning &amp; Performance/</li> <li>c) International Financial Reporting-I</li> </ul>	5	5	3 hrs	800+201
DSE502	<ul> <li>a) Computerized Accounting/</li> <li>b) Financial Decision Making-1/</li> <li>c) International Tax &amp; Regulation</li> </ul>	3T+4P/ 5	5	3 hrs	50T+35P+ 151/ 80U+201
DSE503	<ul><li>a) Management Information Systems/</li><li>b) Ecommerce/c) Mobile Applications</li></ul>	3T+4P	5	1 ½ hrs	50T+35P+ 15l
	Total	29/27	25		
	III Year II Semester				
ELS6	English (First Language)	3	3		
		3	3		
PR	Research Methodology and Project	2T+4R	4	1 ½ hrs	40U+101/ 35R+15VV
DSE601	<ul> <li>a) Cost Control and Management Accounting/</li> <li>b) Financial control/</li> <li>c) International Financial Reporting-II</li> </ul>	5	5	3 hrs	800+201
DSE602	<ul> <li>a) Theory and Practice of GST/</li> <li>b) Financial Decision Making-II /</li> <li>c) International Auditing</li> </ul>	3T+4P/ 5	5	3 hrs	50T+35P+ 151/ 800+201
DSE603	<ul><li>a) Multimedia Systems/</li><li>b) Cyber Security/c) Data Analytics</li></ul>	3T+4P	5	1 ½ hrs	50T+35P- 15I
	Total	31/29	25		
egice	Total				
	DSC401 DSC402 DSC403 ELS5 GE DSE501 DSE502 DSE503	SEC4b)Search Engine Optimization & Online Advertising c)Data Visualisation & StorytellingDSC401Income Tax/Excel FoundationDSC402Business Statistics-IIDSC403Web TechnologiesTotalIII Year I SemesterELS5English (First Language)SLS5Second LanguageGEa)Business Economics / b) Advanced Aspects of Income Taxa) Cost Accounting/DSE501b) Financial Planning & Performance/ c) International Financial Reporting-IDSE502b) Financial Decision Making-I/ c) International Tax & RegulationDSE503a) Management Information Systems/ b) Ecommerce/c) Mobile ApplicationsDSE504English (First Language)SLS6Second LanguageBSE503a) Cost Control and Management Accounting/DSE504Jost Control and Management Accounting/ b) Econmerce/c) Mobile ApplicationsDSE503Jost Control and Management Accounting/DSE504Account and Management Accounting/DSE505Second LanguageBLS6English (First Language)SLS6Second LanguagePRResearch Methodology and Project Reporta) Cost Control and Management Accounting/DSE601b) Financial control/ c) International Financial Reporting-IIDSE602b) Financial Decision Making-II / c) International Auditinga) Theory and Practice of GST/ c) International Auditinga) Multimedia Systems/	SEC4b)Search Engine Optimization & Online Advertising ()Data Visualisation & Storytelling2DSC401Income Tax/Excel Foundation5DSC402Business Statistics-II5DSC403Web Technologies3T+4PTotal27III Year I Semester3ELS5English (First Language)3a)Business Economics / b) Advanced Aspects of Income Tax4b) Financial Planning & Performance/ c) International Financial Reporting-I5DSE502a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation3T+4P/ 5DSE503a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4PELS6English (First Language)3DSE503a) Cost Control and Management Accounting/ b) Ecommerce/c) Mobile Applications3T+4PCIIII Year II Semester29/27III Year II Semester3ELS6English (First Language)3SLS6Second Language3SLS6Second Language3SLS6Second Language3SLS6Second Language3SLS6Second Language3SLS6Second Language3SLS6Second Language3SLS6Second Language3JPRResearch Methodology and Project Report5DSE601D) Financial control/ c) International Financial Reporting-II5DSE602b) Financial Decision Making-II / c) International Au	SEC4b)Search Engine Optimization & Online Advertising c)Data Visualisation & Storytelling22DSC401Income Tax/Excel Foundation55DSC402Business Statistics-II55DSC403Web Technologies3T+4P5DSC4040Web Technologies3T+4P5DSC405Web Technologies3T+4P5DSC406Web Technologies3T+4P5DSC407Web Technologies3T+4P5DSC408Web Technologies3T+4P5DSC409Second Language33GEa)Business Economics / b) Advanced Aspects of Income Tax44DSE501b) Financial Planning & Performance/ c) International Financial Reporting-I55DSE502b) Financial Decision Making-I/ c) International Tax & Regulation3T+4P/ 55DSE503a) Management Information Systems/ b) Ecommerce/c) Mobile Applications3T+4P5DSE503a) Management Information Systems/ b) Econd Language33DSE503a) Management Accounting/ b) Econd Language33SLS6Second Language33SLS6Second Language33SLS6Second Language33DSE601b) Financial control/ c) International Management Accounting/ b) Financial control/ c) International Pinancial Reporting-II5DSE602b) Financial Decision Making-II / 	SEC4 

SI. No.	Course Category	No. of Courses	Credits Per Course	Credits		
1	English Language	6	4/3	20		
2	Second Language	6	4/3	20		
3	AECC	2	2	4		
4	SEC	4	2	8		
5	GE	1	4	4		
6	Project Report	1	4	4		
7	DSC	12	5	60		
8	DSE	6	5	30		
	TOTAL	40	CONTRACTOR OF THE OWNER.	150		
	Commerce	24		106		
CREDU	'S UNDER NON-CGPA	NSS/NCC/Sports/ Extra Curricular	Up to 6 (2 in eac	(2 in each year)		
CREDIT	S UNDER NON-CGPA	Up to 4 (2 in each after I & I years)				
	Prof. K. Raji Reddy	Prof. P. Varalaxmi	Dr. K. Rajender	-		
D	N. S. Narasimha Chary	Mr. M. Somaiah	Dr. S. Narayana Swa	r. S. Narayana Swamy		
	Dr. Ramavath Ravi	Dr. D. Thiruvengala Chary	Dr. G. Shashidhar Rao			
Degree	afaite		Principal ernment Degree Co	16		

# Course Structure of B.Sc. Program under CBCS pattern w.e.f. Academic year 2019-20

KAKATIYA UNIVERSITY, WARANGAL-506 009

B.Sc. PROGRAMME Under CBCS System Scheme wef A.Y: 2019-20

### FIRST YEAR

	-		and a second second second		Ma		-	
Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Internal Exam	End Exam	Lab	Total Marks
BS101	AECC-1	Environmental Science	2	2	10	40	4	50
BS102	FL-1A	English	4	4	20	80		100
BS103	SL-2A	Second Language	4	4	20	80	+	100
	-	Optional - I	4	4			25	
BS104	DSC-1A	Optional - I Lab	1	3	20	80		125
Deans	DOC OF	Optional- II	4	4	20	80	25	125
BS105	DSC-2A	Optional - II LAB	1	3	20	89	45	145
-		Optional – III	4	4			25	125
BS106	DSC-3A	Optional - III LAB	1	3	20	80		1.000
		TOTAL :	25	-	110	440	75	625

## SEMESTER - II

CEMPOTER

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

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Principal Government Degree College NARSAMPET Warangal Dist. (Rural)-506132

# KAKATIYA UNIVERSITY, WARANGAL-506 009

# B.Sc. PROGRAMME Under CBCS System Scheme wef A.Y: 2020-21

## SECOND YEAR

Code	Course		No. of Credits	Hrs PW	Max. Marks			12.
oode	category				Internal Exam	End Exam	Lab	Total Marks
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-1C	English	3	3	20	80		100
BS 304	SL-2C	Second Language	3	3	20	80		100
BS 305	DSC-1C	Optional - 1	4	4	20	a.	25	100
113 393	DSC-IC	Optional - 1 Lab	I	3	20	80		125
BS 306	DSC-2C	Optional – II	4	4			-	
and stand	030-20	Optional- II Lab	I	3	20	80	25	125
35 307	necar	Optional III	4	4				-
03 307	DSC-3C	Optional - III Lab	1	3	20	80	25	125
		TOTAL :	25		120	480	75	675

# SEMESTER - IV

Course		No. of	11.	Max	k. Marks			
category	Title of the Paper	Credits	PW	Internal Exam	End Exam	Lab	Total Marks	
SEC-3	Fundamentals of Python (Taught by: Computer Science)	2	2	10	40		50	
SEC-4	Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)	2	2	19	40	•	50	
FL-1D	English	3	3	20	80		100	
SL-2D	Second Language	3	3	20	80		100	
-	Optional - I	4	4	- 20			1.10	
DSC-ID	Optional - I Lab	1	3		80	25	125	
Dec an	Optional – II	4	4	20		1.00	10	
DSC-2D	Optional - II Lab	1	3		80	25	125	
The The	Optional – III	4	4					
nt ett.ea	Optional- III Lab	1	3	20	80	25	125	
	TOTAL:	25	-	120	140	175-	675	
	SEC-3 SEC-4 FL-1D SL-2D DSC-1D	category     Title of the Paper       SEC-3     Fundamentals of Python (Taught by: Computer Science)       SEC-4     Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)       FL-1D     English       SL-2D     Second Language       DSC-1D     Optional - 1       DSC-2D     Optional - II Lab       Optional - III     Optional - III       Optional - III     Optional - III	Category     Title of the Paper     No. of Credits       SEC-3     Fundamentals of Python (Taught by: Computer Science)     2       SEC-4     Remediat Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)     2       FL-1D     English     3       SL-2D     Second Language     3       DSC-1D     Optional - 1     4       Optional - 1     4	Category     Title of the Paper     Ho. of Credits     His PW       SEC-3     Fundamentals of Python (Taught by: Computer Science)     2     2       SEC-4     Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)     2     2       FL-1D     English     3     3       SL-2D     Second Language     3     3       DSC-1D     Optional - 1     4     4       Optional - 1     4     4	Course categoryTitle of the PaperNo. of CreditsHrs PWInternal ExamSEC-3Fundamentals of Python (Taught by: Computer Science)2210SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)2210SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)2210FL-1DEnglish3320SL-2DSecond Language3320DSC-1DOptional - 14420Optional - II444	Course categoryTitle of the PaperNo. of CreditsHrs PWInternal ExamEnd ExamSLC-3Fundamentals of Python (Taught by: Computer Science)221040SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)221040SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)221040FL-1DEnglish332080SL-2DSecond Language332080DSC-1DOptional -1442080Optional -144444	Course categoryTitle of the PaperNo. of CreditsHrs PWInternal ExamEnd ExamLabSEC-3Fundamentals of Python (Taught by: Computer Science)221040-SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility (Taught by: Chemistry)221040-SEC-4Remedial Methods of Pollution Drinking Water & Soil Fertility 	

# KAKATIYA UNIVERSITY, WARANGAL-506 009

# B.Sc. PROGRAMME Under CBCS System/ Scheme wef A.Y: 2021-22/

# THIRD YEAR

	Course				Max	. Marks		
Code	Code Type	Title of the Paper	No. of Credits	Hrs PW	Internal Exam	End Exam	Lab	Total Marks
BS 501	FL-1E	English	3	3	20	80	- 143	100
BS 502	SL-2E	Second Language	3	3	20	80		100
BS 503	GE	Water Resource Management (Taught by: Any Science Dept)	4	4	20	80	25	100
		Optional – 1	4	4	1 1200	80		
BS 504	DSE-1E	Optional – I Lab	1	3	20	80	25	125
BS 505	Der an	Optional – II	4	4	20	80	25	125
69 202	DSE-2E	Optional – II Lab	1	3	24	80	25	125
	iner ar	Optional – III	4	4	20	80	25	125
82200	3S506 DSE-3E	Optional – III Lab	1	3	20		25	1.43
		TOTAL :	25	121	120	480	75	675

## SEMESTER - V

# SEMESTER - VI

	T		(Department)	The second	Ma	Tetal			
Code Course Type		Title of the Paper	No. of Credits	Hrs PW	Internal Exam	End Exam	Lab	Total Marks	
BS 601	FL-IF	English	3	3	29	80		100	
BS 602	SL-2F Second Language		3	3	20	80	÷	100	
BS 603	Project/ Optional	Optional: Public Health & Hygiene (Taught by: Zoology /Botany/ Biotechnology/ Micro Biology )	4	4	20	80	2	100	
		Optional - I	4	4	20	80	25	125	
BS 604	DSE-1F	Optional - 1 Lab	1	.3				125	
		Optional – II	4	4	20	80	25	125	
BS 605 DSE-2F	Optional – II Lab	1	3				1		
		Optional – III	4	4	20	80	25	125	
BS 606	3S 606 DSE-3F	Optional – III Lab	1	3		-			
		TOTAL :	25		120	480	75	67	



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Principal Government Degree College NARSAMPET Warangal Dist. (Rural) 500132

# Course Structure of B.A Programme under CBCS pattern w.e.f. Academic Year 2019-20

## KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2019-2020 B.A. PROGRAMME

## FIRST YEAR

# **SEMESTER - I**

	Course			HPW	Max. Marks		Total
Code	category	Title of the Paper *	No. of Credits		LA	End Exam	Total Marks
B A 101	AECE-1	Basic Computer Skills	2	2	10	40	50
B A 102	FL-I A	ENGLISH	4	4	20	80	100
B A 103	SL-1 B	SECOND LANGUAGE	4	4	20	80	100
B A 104	DSC-LA	OPTIONAL - I	5	5	20	80	100
B A 105	DSC-2 A	OPTIONAL - II	5	5	20	80	100
B A 106	DSC-3 A	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25			550

## **SEMESTER - II**

	and the second second			HPW	Max. Marks		Tabel
Code	Course category	Title of the Paper *	No. of Credits		I.A	End Exam	Total Marks
B A 201	AECC-2	Environmental Studies	2	2	10	40	50
B A 202	FL-2 A	ENGLISH	4	4	20	80	100
B A 203	SL-2 B	SECOND LANGUAGE	4	4	20	80	100
B A 204	DSC-1B	OPTIONAL - I	5	5	20	80	100
B A 205	DSC-2B	OPTIONAL - II	5	5	20	80	100
B A 206	DSC-3B	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25			550

\* If a particular optional is having practical lab, the No. of credits may be considered as 4 = 1 (Theory + Lab Practical)



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Principal Government Degree College NARSAMPET Warangal Dist. (Rural)-506132

### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2020-2021 B.A. PROGRAMME

Code Course	Course		No. of Credits		Max		
Code	category	Title of the Paper *		HPW	I.A	End Exam	Total Marks
BA 301	SEC-1	Project Planning and Report' Writing	2	2	10	40	50
BA 302	SEC-2	Entrepreneurship and Development	2	2	10	40	50
BA 303	FL-3 A	ENGLISH	3	3	15	60	75
BA 304	SL-3 B	SECOND LANGUAGE	3	3	15	60	75
BA 305	DSC-1 C	OPTIONAL - I	5	5	20	80	100
BA 306	DSC-2 C	OPTIONAL - II	5	5	20	80	100
BA 307	DSC-3 C	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

## SECOND YEAR

## **SEMESTER - IV**

	-				Max	Marks	Total Marks
Code	Course category	Title of the Paper *	No. of Credits	HPW	LA	End Exam	
BA 401	SEC-3	Forms of Journalistic Writing	2	2	10	40	50
BA 402	SEC-4	Rural Politics and Leadership	2	2	10	40	50
BA 403	FL-4A	ENGLISH	3	3	15	60	75
BA 404	SL-4B	SECOND LANGUAGE	3	3	15	60	75
BA 405	DSC-1 D	OPTIONAL - I	5	5	20	80	100
BA 406	DSC-2 D	OPTIONAL - II	5	5	20	80	100
BA 407	DSC-3 D	OPTIONAL - III	5	5	20	80	100
-		Summary of Credits	25	25	110	440	550

 If a particular optional is having practical lab, the No. of credits may be considered as 4 = 1 (Theory + Lab Practical)



Principal Government Degree College NARSAMPET Warangal Dist. (Rural)-506132

#### KAKATIYA UNIVERSITY WARANGAL 506 009 Scheme under Choice Based Credit System With Effect from the Academic Year 2021-2022 B.A. PROGRAMME FINAL YEAR

	Course			HPW	Max	Total	
Code	category	Title of the Paper *	No. of Credits		LA	End Exam	Marks
BA 501	FL-5 A	ENGLISH	3	3	15	60	75
BA 502	SL-5 B	SECOND LANGUAGE	3	3	15	60	75
BA 503	GE	Good Governance	4	4	20	80	100
BA 504	DSE-1 E	OPTIONAL - I	5	5	20	80	100
BA 505	DSE-2 E	OPTIONAL - II	5	5	20	80	100
BA 506	DSE-3 E	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

### SEMESTER - VI

SEMESTED V

	Territories			HPW	Max	. Marks	
Code	Course category	Title of the Paper *	No. of Credits		I.A	End Exam	Total Marks
BA 601	FL-6 A	ENGLISH	3	3	15	60	75
BA 602	SL-6 B	SECOND LANGUAGE	3	3	15	60	75
BA 603	PW - / Optional	Cultural Tourism in India	4	4	20	80	100
BA 606	DSE-1 F	OPTIONAL - I	5	5	20	80	100
BA 607	DSE-2 F	OPTIONAL - II	5	5	20	80	100
BA 608	DSE-3 F	OPTIONAL - III	5	5	20	80	100
		Summary of Credits	25	25	110	440	550

NSS/NCC/ Sports/Extr a 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	4	Up to 4 ( 2 in each, after 1 & II years	Up to 4 ( 2 in each, after 1 & II years	Up to 4 ( 2 in each, after 1 & 11 years

FL-: First Language;

SL-: Second Language; AECC: Ability Enhancement Compulsory Course;

SEC: Skill Enhancement Course;

DSC: Discipline Specific Course;

DSE: Discipline Specific Effective;

GE: Generic Elective;

PW: Project Work;

Gaterment Deg, NARSAMPET 1008 an Phogal Dist. Ruf

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Principal Government Degree College HARSJANPET Worangel Dist. (Rural) 5061



# **GOVERNMENT DEGREE COLLEGE NARSAMPET** WARANGAL DISTRICT -506132 TELANGANA STATE Accredited with NAAC 'A' Grade (CGPA 3.14) Email: wgl.jkc.nspt@gmail.com



Website: https://www.gdcts.cgg.gov.in/narsampet.edu

# **Experiential Learning through Field Visit and Study Projects**

**FIELD TRIP 2022-23** 

Field visit - (2022-23) 74 54 The Department of Botany, organised a field trop with B. Sc- B.Z. C 4CS -III Year students on 01-12-2022. to visit mango plantation and surrounding areas for observing Various plants. In this visit the students are cleval their knowledge on plant taxonomie se medicinal values of the plants. They call the plant twigs, plant parts for preparat & the herbarriem The field trip is useful to the students for enhanched knowledge on their academic studies. hh was M. NARENDAR) Principal Govt.Degree College Nareampet .506132. Dist Warangal. Department of Botary ernment Degree Collegia NARSAMPET, Dist. Warangal-506 .32.







SIN HT. NO Name 1 024-21-3002 B. shareef 2 3004 B. Anusha. 3 3008 K. Bhumika. 4 3009 K. Krishnaveni 5 3010 M. Lavanya. 6 3011 M. mahechwari 7 3015 V. Anjali 8 3202 B. Suresh 9 3203 B. pavani 10 3205 S. Shbrisha 11 484-18-3236 K. Sumalatha 12 1 1 1 1 1 1 1 1 1 1 1 1 1	1	÷ 58	Field VIsit - (2022-23)
1       024-21-3002       B. Shareef         2       3004       B. Anusha         3       3008       K. Bhumika.         4       3009       K. Krishmaveni         5       3010       M. Lavanya.         6       3011       M. Maheshwari         7       3015       V. Anjali         8       3202       B. Suresh         9       3203       B. Pavlami         10       32.05       S. Shbrisha         11       484-18-3236       K. Sumalatha:         12	1	1 38	and the second s
1       024-21-3002       B. Shareef         2       3004       B. Anusha         3       3008       K. Bhumika.         4       3009       K. Krishmaveni         5       3010       M. Lavanya.         6       3011       M. Maheshwari         7       3015       V. Anjali         8       3202       B. Suresh         9       3203       B. Pavlami         10       32.05       S. Shbrisha         11       484-18-3236       K. Sumalatha:         12			
1       024-21-3002       B. shareef         2       3004       B. Anusha         3       3008       K. Bhumika         4       3009       K. Krishmaveni         5       3010       M. Lavanya         6       3011       M. Maheshwari         7       3015       V. Anjali         8       3202       B. Suresh         9       3203       B. Pavlani         10       3205       S. Shfrisha         11       484-18-3236       K. Sumalatha:         12       1       1	CI.NO	HTNO	Name
3       3008       K. Ehumika.         4       3009       K. Krishnaveni         5       3010       M. Lavanya.         6       3011       M. maheshwari         7       3015       V. Anjale         8       3202       B. Suresh         9       3203       B. Pavani         10       3205       s. shfrisha         11       484-18-3236       K. Sumalatha:         12	1	024-21-3002	B. shareef
4       3009       K. Krishmaveni         5       3010       M. Lavanya.         6       3011       M. maheshwari         7       3015       V. Anjali         8       3202       B. Suresh         9       3203       B. Pavlami         10       3205       s. Shbrisha         11       484-18-3236       K. Sumalatha.         12	- 2	3004	B. Anusha.
4 3009 K.Krishnaveni 5 3010 M.Lavanya. 6 3011 M. maheshwari 7 3015 V.Anjali 8 3202 B.Suresh 9 3203 B.Pavani 10 3205 S.Shirisha 11 484-18-3236 K.Sumalatha. 12 1	3	300 8	K. Bhumika.
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6 3011 m. maheshwari 7 3015 V. Anjali 8 3202 B. Suresh 9 3203 B. Pavani 10 3205 S. Shirisha 11 484-18-3236 K. Sumalatha 12 1 1	5	3010	M. Lavanya.
8       3202       B. Suresh         9       3203       B. Pavami         10       3205       s. sh\$risha         11       484-18-3236       K. Sumalatha         12	- 6	3011	M. maheshwari
9 3203 B. Pavami 10 3205 S. Shivisha 11 484-18-3236 K. Sumalatha 12 1 1 1 1 1 1 1 1 1 1 1 1 1	7	3015	V. Anjali
9 3203 B. Pavami 10 3205 S. Shirisha 11 484-18-3236 K. Sumalatha: 12 1 1 1 1 1 1 1 1 1 1 1 1 1	8	3202	B. Suresh
10 3205 S.Shbrisha 11 484-18-3236 K.Sumalatha 12 1 1 1 1 1 1 1 1 1 1 1 1 1	9	3203	B. pavani
11 484-18-3236 K. Sumalatha 12 1 1 1 1 1 1 1 1 1 1 1 1 1	10	3205	
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GOVERNMENT DEGREE COLLEGE (AUTONOMOUS) NARSAMPET WARANGAL DISTRICT - 506132, TELANGANA STATE Accredited with NAAC 'A' Grade (CGPA 3.14) Email: wgl.jkc.nspt@gmail.com Website: https:www.gdcts.cgg.gov.in/narsampet.edu

DEPARTMENT OF COMMERCE

FIELD TRIP TO PAPER PLATES MANUFATURING UNIT AND BAKERY ITEMS MANUFACTURING UNIT

DATE: 12.06.2023









GOVERNMENT DEGREE COLLEGE (AUTONOMOUS) NARSAMPET WARANGAL DISTRICT - 506132, TELANGANA STATE Accredited with NAAC 'A' Grade (CGPA 3.14) Email: wgl.jkc.nspt@gmail.com Website: https:www.gdcts.cgg.gov.in/narsampet.edu DEPARTMENT OF COMMERCE



# FIELD TRIP TO PAPER PLATES MANUFATURING UNIT AND BAKERY ITEMS MANUFACTURING UNIT

DATE: 12.06.2023

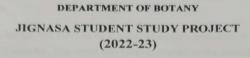




53. Silve Signature Name class B. Laup B. Kav ya. 18 B. com (c.A) Ilyean P. Akhila P. Akhila 19 B. com (C.A)II year MD. shakena B. Com (cA) Hyper MD. shabana 60 B. com Ist year ( Espa Proveen 21 G. Santtosh B. com III year 22) sidou (23) L- Siddy B. com TI yeage Naven B. com (cA) Tyrag B. Naveen 64 Dul E. Rifenberr B- WANNA TA year 25 ch. no jone for Ch. mounita B- COM (CA) III genr (26 B. sphestican B. COM (CA) III yer B. Mahestroar; (27) B. Com CA) THE a & Cartholh A. Paban 28 A. Pavan par B. COMGRA. Ist year S. SRinival S. Skinivas [02] She Bup DR. T. Shivanaga Sheem) ( DL. B. Vilhou Kumar)

STUDY TRIP 2022-23 Date: 12/06/2023 Study tome Field thip to local time manufacturing write as undertaken for the Students of B. com I II and IV year 1) paper plater Manupacturing unit (i) Bakery Items Manufacturing cruit These two with in Naslampet ale Visited and the placess of manufacturing these Thems is Studied by the studente. The process, cost, machinery sequered, Selling price, Rawmaterials required and propit and So on are soludied by the students. The following Students were present during the study tours Signature crass 12 shivamani Name SINA B. Com (CA) 1 tax 1 shivamani N. Gratest. B. C. M. CARIC B. Con.(cm) B. Sikanth n. m.kesa 2) B. Com. CC.D J. Cakouna B. Cilainty 5. J. Venkanna B-COM (CIA) G. AN 4. J-Vishmehumag B. COM ( C. Alt + Janish 5. P. Haveh B. con (CA) Publy 6. A. Pirabhy kumay. 2000 B. com (i.f) I 7. NPavankalyan Gul B. com (c.A) 8. A lower ho san B. Com CCAFE 9 B. Com (CA) 14 as ato it B. Rahul 10.) Blad wsatwik B. com (c+) # dicroft 11) ch. Sharat Bronlips 12) 13) Notreradho B. ( B. M CA Tide Aget B. com (co) zyc. D. pouco, ( B. com(ch) Ryon A. Nagerseju UD R. Panjith B. COMEA) Byos [4] Di payan. 5 P. Nagarayu B (com in) Brear Y. Hindu. B- Com (A) I year Sk, Stabecta y Hindy sk, shabeda 17

# Jignasa - Student Study Projects



TITLE

## TRADITIONAL KNOWLEDGE OF MEDICINAL PLANTS USED BY PEOPLE OF THE PAKHALA AGENCY AREA, KOTHAGUDA MANDAL, MAHABUBABAD DISTRICT, TELANGANA



By

S.No	Student name	Class	S.No	Student name	Class
1).	M. Avanthi	B.Sc- Crop-Iyr	4).	S. Raviteja	B.Sc-B.Z.C-II Yr
2).	J.Ashok	B.Sc- Crop-Iyr	5).	M.Sunil	B.Sc-B.Z.C-II Yr
3).	B.Harshitha	B.Sc-B.Z.C-Iyr	6).	S.Rakesh	B.Sc-B.Z.C-II Yr

Supervisor

**M NARENDAR** 

Assistant Professor,

DEPARTMENT OF BOTANY

GOVERNMENT DEGREE COLLEGE, NARSAMPET WARANGAL DISTRICT-506 132



# **DEPARTMENT OF CHEMISTRY**

JIGNASA STUDENT STUDY PROJECT 2022-23 ON

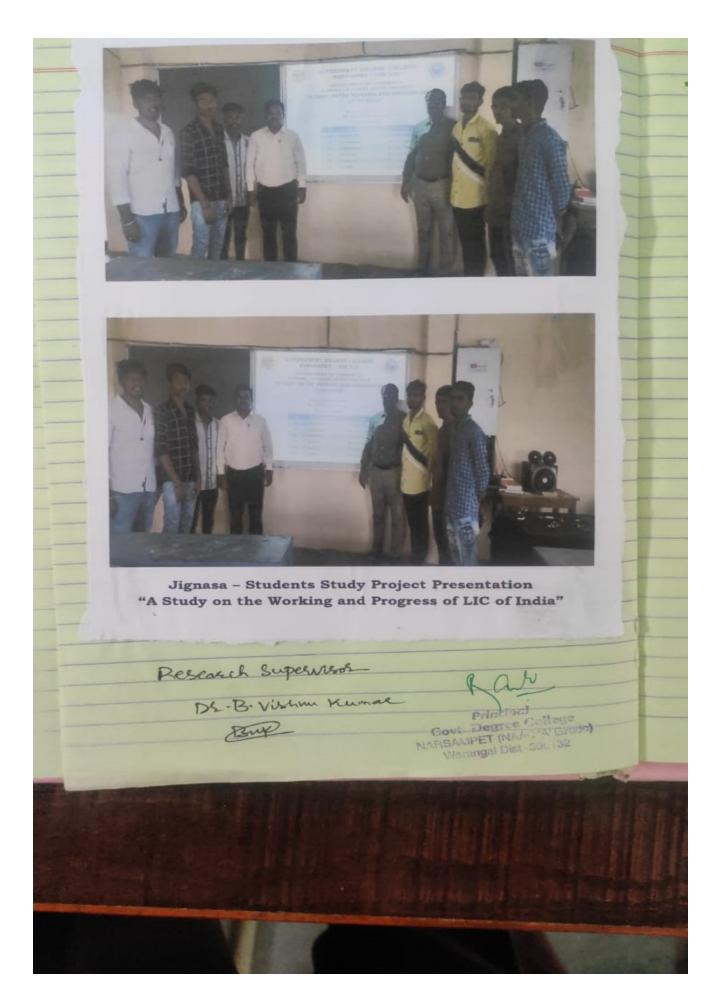
# ESTIMATION OF CASEIN IN DIFFERENT MILK SAMPLES BY

I

K.Sankeertana-II BZC E.Karthik-II MPC S.Vani-II BZC B.Ankitha-I MPC T.Mamatha-II MPC B.Santhosh-II MPC

Under the supervision of G.PRASOONA.Asst.Prof of Chemistry Government Degree <u>College.Narsampet</u>



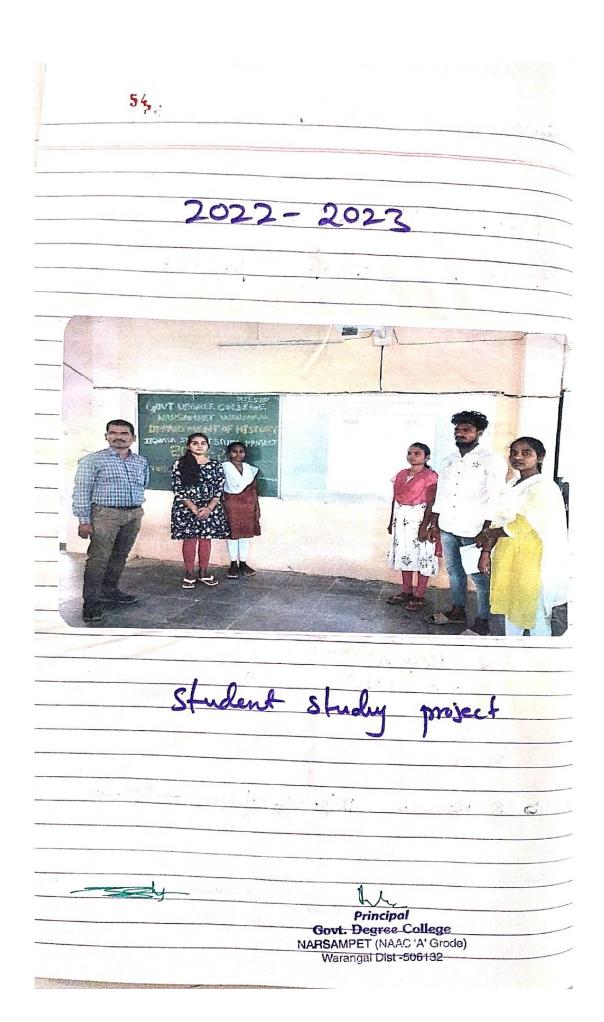


2022-23 35 STUDENT STUDY PROJECT "A Study on the working and progress Students 0) B. Shikanth - B.com I yr 0) J. Venkanna - B.com I yr B com I yh B com I yh K. Manideep 03 04) Gr. Sathwik B. com I y S. Graneth 05) B. com I y (6) L. Sidde The above mentioned Student Study project is undertaken as part of the Jignala-Student study project for the Academic year 2022-23 Rescarch Supervised Dr. B. Vishne Kumal But (Dr. B. Vuthne Kumak) Kao Principal Govt. Degree College NARSAMPET (NAAC 'A' Grode) Warangal Dist -505132



2023-2024 Department of Political science Govt Degree College (A), Narsampet Student Study Project TOPic: Women Empowerment Through 74 Amendment. Date: 12-12-2023, Prepared by 1. K. Prathyusha 2- Ml. Jareena. A. AParna. 3 K. Bhavan; Harshin. 5. Sypervised by M- Shaileja Asst. Prof of Political Science. -





## STUDENT STUDY PROJECT

#### ON

## FOOD WASTAGE MANAGEMENT SYSTEM

BY

1.B.Nagaanvesh, MPCS III Yr 2. Singam Kalyan, MPCS III Yr 3.Ponnala Akhila, B.Com II Yr 4. M.spandana, B.Com I Yr

## Under the Supervision of

V.POORNACHANDER, M.Sc., M.Tech (Assistant Professor, Dept. of Comp.Sc)



## 2022-2023

#### **DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

**GOVERNMENT DEGREE COLLEGE NARSAMPET** WARANGAL DISTRICT 506132 TELANGANA STATE Accredited with NAAC 'A' Grade (CGPA 3.14)

## Memorandum of Understanding

This Memorandum of Understanding (hereinafter referred as the 'MoU') is agreed and signed on 25<sup>th</sup> Day of August 2022 at Hyderabad, Telangana

#### BETWEEN

**Commissionerate of Collegiate Education, Government of Telangana**", having its office at 3<sup>rd</sup> Floor, Vidya Bhavan, Nampally, Hyderabad hereinafter called "**CCETS**" (which expression shall, unless it be repugnant to the context or meaning thereof, mean and include their administrators, successors in business and permitted assigns) or the **'First Party'**, of the First Part;

#### AND

**TEAMLEASE EDTECH LTD.,** having its registered office at 903, Western Edge II, Western Express Highway, Borivali (E), Mumbai - 400066 and possessing ROC registration number U80301MH2010PTC211390 hereinafter called "Service Provider" (which expression shall, unless it be repugnant to the context or meaning thereof, mean and include their administrators, successors in business and permitted assigns) or the 'Second Party' of the Other Part

Where as,

- a) Commissionerate of Collegiate Education, Government of Telangana, (CCETS) is a Department created by Government of Telangana and intends to launch programmes that will create employable manpower, which is of crucial importance to the economy of the State of Telangana.
- b) The Service Provider is a Company incorporated under the Companies Act, I of 1956 and is engaged in the business of providing Technology & Employability Services to Educational Institutes and Universities.

Now in consideration of the mutual covenants and obligations contained herein, it is hereby agreed as follows:

This MoU shall come into force with effect from the date of this MoU and shall be valid for five years unless terminated by either party. If any future statutory provision requires that the MoU be varied in any material way, both parties agree to change or modify any terms of this MoU, by mutual consent to suit their business requirements. Prior to expiry, the MOU may be renewed for such further period as may be mutually agreed between the parties.





Regional Joint Director O/o. Commissioner of Collegiate Education Govt. of Telangana, Hyderabad

#### SCOPE OF THE MOU:

It is hereby agreed between the parties that

- (i) The Service Provider and CCETS, with the help of the Universities of the State shall launch the said Degree Apprenticeship programs. These programs being unique in the way they integrate 'Learning by Doing' and 'Earning while Learning' shall be a path-breaking initiative for improving the graduate employability of the state.
- (ii)The CCETS's mission will be to expand the number of Degree Apprentices in the state under the NEEM (National Employment Enhancement Mission), NAPS or any other program of the Central or State Government.

#### OBLIGATIONS OF THE PARTIES:

#### CCETS, Government of Telangana

- Shall provide approval for establishment of said portal ts.apprentices.in
- CCETS will encourage the state universities to become a partner to this initiative and launch the said Degree Apprenticeship programs (Apprenticeship Embedded Degrees, Diplomas and Certificate programs) in partnership with the Service Provider for the youth of the state.
- CCETS will help the Service Provider set up the state Apprentices.in unit in Hyderabad (or any other city identified by the government) to become the nodal operating office of the said Degree Apprenticeship unit and shall provide the necessary infrastructure for the same.
- CCETS shall also actively spread the awareness of these programs amongst educational institutions, employers and the student community of the state and encourage them to register on the state apprentices.in portal.
- Promote the portal amongst the state universities (Online and ODL) and other autonomous colleges for partnerships and launch of Degree Apprenticeship programs

## University/HEIs partnering with the portal for offering Degree Apprenticeship Programs

• Shall be responsible for the rollout of the Degree Apprenticeship programs in the ODL/Online mode as per the UGC ODL/Online Regulations 2020 (along with its amendments)

Regional Joint Director O/o. Commissioner of Collegiate Education Govt. of Telangana, Hyderabad.





- Shall manage the course curriculum, pedagogy, credit structure and assessments
- Shall work with the said apprentices.in unit to set up the credit framework, as per the UGC norms and the National Skills Qualifications Framework (NSQF) to ensure that there is an appropriate Credit Accumulation and Transfer mechanism (CATS) and Recognition of Prior Learning (RPL).
- Shall create content for the programs with the help of TeamLease EdTech
- Shall create awareness of the programs
- Shall manage admissions, fees, and student support with the help of TeamLease EdTech

## TeamLease EdTech

- Shall identify Apprenticeship opportunities within the State as well as across the country
- Shall provide Technology assistance to all HEIs rolling out Degree Apprenticeship programs and work as their Technology Service Provider
- Shall help Universities and other HEIs in designing the courses and managing them
- Shall deploy Apprentices under various organizations across India
- Shall set up the portal ts.apprentices.in and manage the portal
- Make all requisite investments such as Technology, People, Processes and Industry connectivity to facilitate apprentices.
- Shall set up a contact center for organizations and apprenticeship seekers
- Shall set up a mobile app for students
- Shall promote Apprenticeship amongst employers and aggregate the demand on the portal
- Shall match demand and supply of Apprentices
- There is no financial implication with CCETS. The concerned University shall finalize the percentage of share of fees with service provider.

## CONFIDENTIALITY:

Except as may be expressly required, neither First Party nor Second Party nor any persons employed or retained by it shall disclose or make available to any third party, any information concerning the terms of this MoU, or any confidential or proprietary materials to which it may have gained access, or any information or data concerning any aspects of the

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Regional Joint Director O/o. Commissioner of Collegiate Education Govt. of Telangana, Hyderabad





Disclosing Party, or an affiliate of the Disclosing Party or their operations, existing or future business dealings, or any other information regarding their services.

Neither the Second Party nor persons employed or retained by it shall make time release advertisements in newspapers or other publications, brochures, pamphlets, direct mail, emails etc. pertaining to information contained within this MoU without the approval of First Party in writing.

For and behalf of For and behalf of the Commissioner of Collegiate TeamLease EdTeg Education, Telangana, through Dr.G.Yadagiri Mr.Rohit Dogra Regional Joint Director of Collegiate Regional Head, Univer Education, Telangana t Director Collegiate Educ Signatu Signature Olo. Commissioner of Constant Witness Dor Pirst Party Witness 1 of Second Party Name: C Name: Signature Signature Witness 2 of First Party Witness 2 of Second Party Name: Name: Signature Signature

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred as the 'MoU') is agreed and signed on 26th Day of August 2022 at Hyderabad, Telangana

#### BETWEEN

**Commissionerate of Collegiate Education, Government of Telangana,** having its office at 3<sup>rd</sup> Floor, Vidya Bhavan, Nampally, Hyderabad hereinafter called "**CCETS**" (which expression shall, unless it be repugnant to the context or meaning thereof, mean and include their administrators, successors in business and permitted assigns) or the **'First Party'**, of the First Part;

#### AND

**M/s Intercell Technologies Pvt. Ltd,** having its Registered office at 808, Tower-C, Unitech Business Zone, Sector-50, Gurugram, Haryana,122001 hereinafter called **"Service Provider"** (which expression shall, unless it be repugnant to the context or meaning thereof, mean and include their administrators, successors in business and permitted assigns) or the **'Second Party'** of the Other Part;

Whereas,

- a) Commissionerate of Collegiate Education, Government of Telangana, (CCETS) is a Department created by Government of Telangana and intends to launch programmes that will create employable manpower, which is of crucial importance to the economy of the State of Telangana.
- b) Intercell Technologies Pvt. Ltd. is a virtual Mentoring Networking Experts providing guidance or counseling shall be hereinafter referred as 'Mentors' and all the students/professionals seeking guidance /counseling hereinafter shall be referred to as 'Users'.

Now in consideration of the mutual covenants and obligations contained herein, it is hereby agreed as follows:

This MoU shall come into force with effect from the date of this MoU and shall be valid for **Three Years** unless terminated by either party. If any future statutory provision requires that the MoU be varied in any material way, both

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parties agree to change or modify any terms of this MoU, by mutual consent to suit their business requirements. Prior to expiry, the MOU may be renewed for such further period as may be mutually agreed between the parties.

## PURPOSE:

"Telangana State Collegiate Education & Technical Education Department" has appreciated "Intercell Technologies Private Limited" with their Virtual Mentoring platform which offers 1-1 Mentoring with Top Industry Mentors on Intercell Virtual Platform.

Both parties will identify 50 Meritorious Graduate Students in Government Degree Colleges in the State of Telangana and award them with Intercell Mentoring Program. The deliverables from the Intercell will include the following.

- a. Virtual Mentoring Session with Industry professional for 60 minutes.
- b. Mentoring Certificate, Career Report and E-mail & Chat support for one year.
- c. Sessions Analysis report, along with the job recommendation feature.

## Scope of the MoU:

It is hereby agreed between the parties that;

- i. Intercell World is a platform where the students/professionals seek guidance/career counseling from the Experts in their respective field.
- ii. The CCETS will provide required assistance and support and implementing the Mentoring System in identified Government Degree Colleges in the State.
- iii. Intercells Virtual Mentor Network provides a structured platform for student's and Young Professional's to connect with Mentors Globally
- iv. As part of the Mentoring Program, the Intercell technologies will provide Soft Skills training Module (90 Minutes), Interview Skill Training Module (120 Minutes) and Internship Assistance etc.

## Terms & Conditions:

- 1. This MOU shall be effective with immediate effect from the date of entering into MoU or upon expiration of the Program, or upon mutual agreement of the parties, whichever occurs first.
- 2. Intercell will provide pre-activated 50 Career Cards to CCETS. Cards will be sponsored by Intercell.
- 3. Validity of Career Card will be 3 months from the date of issue.

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- 4. "CCETS" to capture and announce the Intercell association (Mentoring Sessions) through their website and marketing promotion.
- 5. Students must adhere to Intercell guidelines for the Mentoring Sessions. No show of any student will consider as consumed session.
- 6. Students can cancel the session 60 minutes before the session starts time, they can also reach out to support@intercellworld.com for cancellation of a session.
- 7. Termination process will be conducted after the one-month notice from either party with appropriate reason.

In consideration of the mutual covenants contained herein above and the terms and conditions of this letter of Intent and in witness whereof both the parties have hereinto set their hand and seal.

For and behalf of

the Commissioner of Collegiate Education, Telangana, through

Dr. G. Yadagiri Regional Joint Director of Collegiate Education, Telangana

4.00 m Signature 26 8 2022

For and behalf of **Intercell Technologies Private** Ltd.

Mr. Arunabh Varma Founder & CEO

pranch? Varma

Signature

Witness:

Name: BU. C. T. GHARY

Signature

Witness:

Name:

Signature

#### MEMORANDUM OF UNDERSTANDING BETWEEN

#### M/S UMEED, HYDERABAD

#### AND

## COMMISSIONERATE OF COLLEGIATE EDUCATION (CCETS), GOVERNEMENT OF TELANGANA

#### FOR THE COLLABORATIVE EDUCATION, RESEARCH & TRAINING

This Memorandum of Understanding signed on**29, July, 2022**between M/S UMEED, registered under the Andhra Pradesh Societies Registration Act., 2001 exemption with registered address at 19-4-332/C-1, Kishanbagh, Bahadurpura, Hyderabad, Telangana-500064 is a women's empowerment organization based in Hyderabad, India that works with women across social-economic backgrounds.

#### AND

The Commissionerate of Collegiate Education, Government of Telangana, Vidya Bhavan, Nampally, Hyderabad 500001 (herein after known as CCETS, Hyderabadwhich expression shall mean and include its heirs, successors, executers, administrators, authorized representatives and permitted assigns) is intended to facilitate a collaborative programin the field of women's empowermentbetween the two organizations.

#### Whereas,

...

- (A) UMEED is a women's empowerment organisation based in Hyderabad, India since 2014 that works with women from across socio-economic backgrounds. Umeed's FirstLeap is a job readiness and empowerment training program, designed for young women. The program aims to make women well equipped with job readiness skills, a strong mindset and exposure to the professional world thus making them personally, socially and economically empowered.
- (B) Commissionerate of Collegiate Education, Government of Telanganais the Department created to promote education, giving special attention to the students hailing from backward and rural areas. It aims to strengthen education at Under Graduate and Post

Graduate level especially for women and under privileged sections of the society.

Whereas, both **M/S UMEEDand CCETS**, Hyderabad(herein after together referred to as parties)are empowered to enter into collaborativeagreement of this nature in respect to the subjects related to achieve its goals objectives as stated by them.

## NOW THEREFORE PARTIES HERETO AGREE AS FOLLOWS:

To enter into Memorandum of Understanding for a joint collaborative program of Education, Research, Training to the students&faculty membersbetween the two institutions.

#### 1. PURPOSE

UMEEDand CCETS, Hyderabad have entered into an MoU for **3years** to implement its FirstLeap- ajob readiness and empowerment program with final year women students of Government Degree Collegesacross the State of Telangana. This is a 4 month long rigorous trainingprogram which empowerswomen holistically with functional professional skills, values that make them job ready and exposure to learn from various industries that can absorb them in their work force.

Other agreed activities that further the aims and objectives of both parties mutuallyagreedupon are as follows:

## UMEED will carry out the below responsibilities:

- Initiate all the efforts of understanding& training needs by conducting need assessment surveys of the student participant group.
- II. Deliver program curriculum by conducting of all 3-fold (Skill, Mindset and Exposure) training sessions for the training batches in the program.
- III. Monitor and evaluate participant performance in the training program.

- IV. Lead exposure activities with regards to employmentopportunities for students
- V. Collaborate with college cells (E.g. Placement Cell, TSKC and WEC) and support in access to employment opportunities for students

#### CCETS will carry out the below responsibilities:

- I. Provide overall approvals to implement all stages of the Umeed's training program in all Government Degree Colleges.
- II. Support for amendmentsin MoU and extensions for this project (If required).
- III. Provide support in ensuring the cooperation of college authorities in the smooth implementation of the program.
- IV. Provide support to colleges to ensure smooth implementation of the program
- V. Department to assign a POC for this project to liaise with on any program related support/enquiry.

# Government Degree Colleges will carry out the below responsibilities:

- I. Support in all efforts to put together cohorts/batches of participants for all training batches for theprogram.
- II. Support in logistical arrangements to conduct training programs.
- III. Provide a POC (Point of Contact) from the college who will support Umeed in all program related tasks.
- IV. Support Umeed in the planning and coordination of exposure field visits for the participants.
- V. Provide Umeed with a SPOC from the college who accompanies the cohort in exposure fieldvisits.
- VI. Support UMEED will all required information that will inform their decision making for tasksrelated to training like content design, assessments, calendaring sessions, resourceallocation etc.

#### 2. IMPLEMENTATION

- All programs or activities implemented under the term of this Memorandum of Understanding shall be mutually agreed upon in writing, including the necessary budget for the program of activity as the need may arise.
- UMEED, shall be fully responsible financially for the activities carried out under its direction or by its staff, except as otherwise agreed by UMEED and CCETS, Hyderabad.
- BothUMEED and CCETS, Hyderabad will designate one officer each who will develop and coordinate specific programs or activities between them.

#### 3. PROGRAM SCOPE

- i. Program will be implemented in 2 phases across 3 years.
- ii. Phase 1 is a pilot program of 15 months to be implemented with women students of 3 degree colleges in Hyderabad
- Phase 2 is a 21-month long program intervention spread across 2 academic years with the aim to implement the program in 10 Government Degree Colleges across 3 or more cities in Telangana state.

#### 4. MEDIA/COMMUNICATION

UMEED and CCETS shall publicize the positive impact of the partnership on their respective media channels. However, as courtesy and for legal reasons, all press statements/brand usage that mention any of the above parties, shall be coordinated with each other.

UMEEDagrees to share photographs, impact stories, logo, Newsletters and any other communication material created for public consumption with CCETS and will allow CCETS to use it on their communication channels.

## 5. DURATION AND RENEWAL OF AGREEMENT

The memorandum of understanding will become effective immediately after signature by the representatives of UMEED and CCETS, Page 4 of 6

Hyderabadfor a period of 3 years. The MoU may be subject to renewal on mutual consent of both parties, for the period internally agreed upon.

#### 6. AMENDMENTS

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- a) This memorandum of understanding may be amended by a written agreement signed by the representatives of both UMEEDand CCETS, Hyderabad.
- b) In the event of any unforeseen incident during collaborative activities both UMEED and CCETS, Hyderabadagree to negotiate a mutually and acceptable solution.

#### **7. FINANCIAL ARRANGEMENT**

There will not be any financial commitment between the parties and cost, if any, for exchange of faculty and students shall be borne by the individual or borrowing organization as the case may be.

#### 8. CONFIDENTIALITY

- 1. Each party recognizes that pursuant to this MoU, if, given access to information that is confidential and /or proprietary to the other party; and agrees to undertake not to use any such confidential, proprietary or restricted information for the own purpose without the prior written consent of the other party.
- 2. Both the parties shall take all reasonable steps to keep confidential (and ensure that its employees, students, associates and agents also keep them confidential), any subject matter and information or material classified as confidential, whether technical or commercial, acquired formally or informally by either party from the other or their staff or students or by the Researcher(s) concerned in the work done or to be done under this agreement.
- 3. Neither party shall assign and/or transfer any nor all of its rights, obligation and/or interests arising or claimed under or by virtue of this MoU to a third party without obtaining the prior written consent of the other party.

this MoU to a third party without obtaining the prior written consent of the other party.

4. Both parties agree to subscribe to the principles of equal opportunity and will not discriminate on the basis of gender, age, disability, race, colour, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation.

#### 9. TERMINATION:

During the validity of this Agreement, each party shall be entitled to terminate the same at any time, without assigning any reason, after giving six months advance notice to the other party. Notwithstanding such termination, each party shall fulfill all obligations accrued under this agreement prior to the time the termination becomes effective.

This MoU is to develop and promote the student/institutional capacity building/research activities and does not have any legal binding. However, for administrative purposes the parties to this MoU agree to legal jurisdiction of Civil Courts of Hyderabad.

**IN WITNESS WHEREOF** both the **PARTIES** hereto have signed this MoU on this day, month and year as mentioned herein below;

In representation of

UMEED, Hyderabad

The Director/ CEO UMEED, Hyderabad

Witnesses 2.

CCETS, Hyderabad

The Joint Director, Commissionerate of Collegiate Education, Hyderabad

Witnesses:

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