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
01	BA (all Combinations)	Environment Studies	I Year/ I Semester	Field Study
		Project Planning and Report Writing	II Year / I Semester	Project Report
		Summer Internship	III Year / II Semester	Summer Internship
02	B.Sc (Life Sciences)	Environment Studies	I Year / I Semester	Field Study
		Summer Internship	III Year / II Semester	Summer Internship
03	B.Sc (Physical Sciences)	Environment Studies	I Year / I Semester	Field Study
		Summer Internship	III Year / II Semester	Summer Internship
04	B.Com (All Combinations)	Environment Studies	I Year / I Semester	Field Study
		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

PROF. KHAJA ALTHAF HUSSAIN
REGISTRAR

OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL – 506 009

No. 199 /B2//KU/2016 Date: 2-03-2016

To

The Principals of University & Affiliated Colleges
Offering U.G. (Professional & Non-Professional) courses
KAKATIYA UNIVERSITY

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 14th 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.F.-II 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,

REGISTRAR

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
REGISTRAR

OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL – 506 009

No. 916 /B2//KU/2017 Date: 21-07-2017

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.

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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
4. The Secretary to Vice-Chancellor, KU
5. 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 – 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 on following issues:

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

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Government Degree College NARSAMPET Warangal Dist. Rural

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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**

UNIT - I : Ecosystem, Biodiversity & Natural Resources **(15 hrs.)**

1. Definition, Scope & Importance of Environmental Studies.
2. 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)
4. Definition of Biodiversity , Genetic,Species & Ecosystem diversity , Hot-spots of Biodiversity, Threats to Biodiversity , Conservation of Biodiversity (Insitu & Exsitu)
5. 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 **(15 hrs.)**

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

❖ Field Study: **(5 hours)**

- 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
- A text book of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthana

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Dr. G. SHAMMYAH
Chairperson
Board of Studies
Department of Zoology & Sericulture Unit
WGL-506009 (T.S)

BA 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
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B.A. PROGRAMME

FIRST YEAR - SEMESTER - I

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	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
Summary of Credits			27	27	110	440	550

FIRST YEAR - SEMESTER - II

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	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 206	DSC-3B	OPTIONAL - III	5	5	20	80	100
Summary of Credits			27	27	110	440	550

SECOND YEAR - SEMESTER - III

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
B A 301	SCC-1	Communication Skills in English	2	2	10	40	50
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
Summary of Credits			27	27	110	440	550

SECOND YEAR - SEMESTER - IV

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
B A 401	SEC-2	Banking & Insurance	2	2	10	40	50
B A 402	CC-1D	ENGLISH	5	5	20	80	100
B A 403	CC-2D	SECOND LANGUAGE	5	5	20	80	100
B A 404	DSC-1D	OPTIONAL - I	5	5	20	80	100
B A 405	DSC-2D	OPTIONAL - II	5	5	20	80	100
B A 406	DSC-3D	OPTIONAL - III	5	5	20	80	100
Summary of Credits			27	27	110	440	550

AECC: Ability Enhancement Compulsory Course	**SEC:** Skill Enhancement Course;
DSC: Discipline Specific Course	**DSE:** Discipline Specific Effective;
GE: Generic Elective	

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FINAL YEAR - SEMESTER – V

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
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	20	80	100
B A 504	DSC-2E	OPTIONAL - II	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
Summary of Credits			28	28	140	560	700

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FINAL YEAR - SEMESTER - VI

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
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
Summary of Credits			27	27	140	560	700

AECC: Ability Enhancement Compulsory Course

SEC: Skill Enhancement Course;

DSC: Discipline Specific Course

DSE: Discipline Specific Effective;

GE: Generic Elective:

SEMESTER- I (B.Sc/B.A./B.Com) CBCS

AECC-I. Environmental Studies

UNIT - I: Ecosystem, Biodiversity & Natural Resources

1. Definition, Scope & Importance of Environmental Studies.

2.CStructure 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)

4.Definition of Biodiversity , Genetic, Species & Ecosystem diversity , Hot-spots of Biodiversity, Threats to Biodiversity, Conservation of Biodiversity (Insitu & Exsitu)

5.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

- **Field Study:**

1 Pond Eco system. 2.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
- A text book of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthana

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

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Scheme for under Choice Based Credit System
With Effect from the Academic Year 2016-2019

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B.SC. PROGRAMME

FIRST YEAR

SEMESTER - I

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

SEMESTER - II

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

AECC: Ability Enhancement Compulsory Course;
SEC: Skill Enhancement Course;
DSC: Discipline Specific Course;
DSE: Discipline Specific Effective;
GE: Generic Elective;

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B.SC. PROGRAMME

SECOND YEAR

SEMESTER - III

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

SEMESTER - IV

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

FINAL YEAR

SEMESTER - V

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 501	SEC-3	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
BS 503	DSC-1E	OPTIONAL – I	3	3	20	80	100	125
		OPTIONAL – I LAB	1	2	-	25	25	
BS 504	DSC-2E	OPTIONAL – II	3	3	20	80	100	125
		OPTIONAL – II LAB	1	2	-	25	25	
BS505	DSC-3E	OPTIONAL – III	3	3	20	80	100	125
		OPTIONAL – III LAB	1	2	-	25	25	
BS506	DSE-1E	OPTIONAL – I Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – I Elective (A/B/C) LAB	1	2	-	25	25	
BS507	DSE-2E	OPTIONAL – II Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – II Elective (A/B/C) LAB	1	2	-	25	25	
BS508	DSE-3E	OPTIONAL – III Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – III Elective (A/B/C) LAB	1	2	-	25	25	
		Summary of Credits	28	34	-	-	-	850

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

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Scheme for under Choice Based Credit System
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With Effect from the Academic Year 2016-2019
B.SC. PROGRAMME

FINAL YEAR

SEMESTER - VI

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 601	SEC-4	Quantitative 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	80	100	125
		OPTIONAL – I LAB	1	2	-	25	25	
BS 604	DSC-2F	OPTIONAL – II	3	4	20	80	100	125
		OPTIONAL – II LAB	1	2	-	25	25	
BS 605	DSC-3F	OPTIONAL – III	3	3	20	80	100	125
		OPTIONAL – III LAB	1	2	-	25	25	
BS 606	DSE-1F	OPTIONAL – I Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – I Elective (A/B/C) LAB	1	2	-	25	25	
BS 607	DSE-2F	OPTIONAL – II Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – II Elective (A/B/C) LAB	1	2	-	25	25	
BS 608	DSE-3F	OPTIONAL – III Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – III Elective (A/B/C) LAB	1	2	-	25	25	
		Summary of Credits	28	34	-	-	-	850

*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

PROPOSED SCHEME FOR B.Sc PROGRAMME
UNDER CHOICE BASED CREDIT SYSTERM

FIRST YEAR SEMESTER-I				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 104	Optional I	B.Sc -A	4 T 2 P = 6	4 + 1 = 5
Paper-I Microbial Diversity of Lower Plants				
SEMESTER-II				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 201	Environmental Studies	AECC-2	2	2
BS204	Optional-I	DSC-1B	4 T + 2P = 6	4 + 1 = 5
Paper-II Bryophytes Pteridophytes, Gymnosperms and Palaeobotany				
SECOND YEAR SEMESTER-III				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS304	Optional-I	DSC-IC	4 T + 2 P = 6	4 + 1 = 5
Paper-III Taxonomy of Angiosperms and Medicinal Botany				

SEMESTER-IV				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS404 ✓	Optional - I	DSC-ID	4 T + 2P = 6	4 + 1 = 5
Plant Anatomy, Embryology and Palynology				
THIRD YEAR SEMESTER-V				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 503	Optional-I	DSC - IE	3 T + 2P = 5	3 + 1 = 4
Paper-V: Cell Biology and Genetics				
BS 506	Optional I A/B	DSE-I#	3T + 2P = 5	3 + 1 = 4
Elective-I Ecology and Biodiversity / Elective II: Horticulture				
SEMESTER-VI				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 603	Optional-I	DSC - 1F	3 T + 2P = 5	3 + 1 = 4
Paper-VIII : Plant Physiology				
BS 606	Optional A/B/	DSE - IF	3 T + 2P = 5	3 + 1 = 4
Elective III Tissue Culture and Biotechnology / Elective-IV: Seed Technology				

AECC: Ability Enhancement Compulsory Course: DSC: Discipline Specific Course: DSE : Discipline Specific Elective

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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 B.Sc. Zoology from 2016-17

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Code	Semester	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
						I.A	End Exam	Total	
FIRST YEAR									
BS104	I	DSC-1A (Theory)	Animal Diversity-Invertebrates	4	4	20	80	100	150
		DSC-1A (Practical)		2	2	-	50	50	
BS204	II	DSC-1B (Theory)	Ecology, Zoogeography and Animal Behavior	4	4	20	80	100	150
		DSC-1B (Practical)		2	2	-	50	50	
SECOND YEAR									
BS304	III	DSC-1C (Theory)	Animal Diversity-Vertebrates and Developmental Biology	4	4	20	80	100	150
		DSC-1C (Practical)		2	2	-	50	50	
BS404	IV	DSC-1D (Theory)	Cell and Molecular Biology, Genetics and Evolution	4	4	20	80	100	150
		DSC-1D (Practical)		2	2	-	50	50	
THRID YEAR									
BS503	V	DSC-1E (Theory)	Physiology and Biochemistry	3	3	15	60	75	100
		DSC-1E (Practical)		1	1	-	25	25	
BS506		DSC-1E (Theory)	Applied Zoology or Food and Nutrition or Bioinstrumentation	3	3	15	60	75	100
		DSC-1E (Practical)		1	1	-	25	25	
BS603	VI	DSC-1F (Theory)	Immunology and Animal Biotechnology	3	3	15	60	75	100
		DSC-1F (Practical)		1	1	-	25	25	
BS606		DSC-1F (Theory)	Public Health and Hygiene or Aquatic Biology or Sericulture	3	3	15	60	75	100
		DSC-1F (Practical)		1	1	-	25	25	
			Summary of Credits	50	50	-	-	-	1000

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

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

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KAKATIYA UNIVERSITY, WARANGAL
SCHEME FOR CHOICE BASED CREDIT SYSTEM
B.Sc. (PHYSICS)
SEMESTER PATTERN

YEAR	SEM	COURSE (PAPER) TITLE WITH CODE	COURSE TYPE*	HRS/ WEEK	CREDITS	MARKS	
						Internal Assessment	SEM End Exam
FIRST	I	101: Mechanics	DSC-1	4	4	20	80
		101(P): Mechanics Lab (Pr)	DSC-1(P)	3	1	-	25
	II	201: Waves and Oscillations	DSC-2	4	4	20	80
		201(P): Waves and Oscillations Lab (Pr)	DSC-2(P)	3	1	-	25
SECOND	III	301: Thermal Physics	DSC-3	4	4	20	80
		301(P): Thermal Physics Lab (Pr)	DSC-3(P)	3	1	-	25
	IV	401: Optics	DSC-4	4	4	20	80
		401(P): Optics Lab (Pr)	DSC-4(P)	3	1	-	25
THIRD	V	501: Electromagnetism	DSC-5	3	3	15	60
		501(P): Electromagnetism Lab (Pr)	DSC-5(P)	3	1	-	25
		502: Elective (Theory) – 1 (A/B/C) A. Solid state physics B. Modern Optics	DSE-1	3	3	15	60
		502(P): Elective (Practical) - 1 (A/B/C) A. Solid state physics Lab B. Modern Optics Lab	DSE-1(P)	3	1	-	25
	VI	601: Modern Physics	DSC-6	3	3	15	60
		601(P): Modern Physics Lab (Pr)	DSC-6(P)	3	1	-	25
		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	-	25
		Total			**36**	**140**	**760**
						Grand Total : 900	

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

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

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Proposed Scheme for Choice Based Credit System in B.Sc. Chemistry

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

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

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

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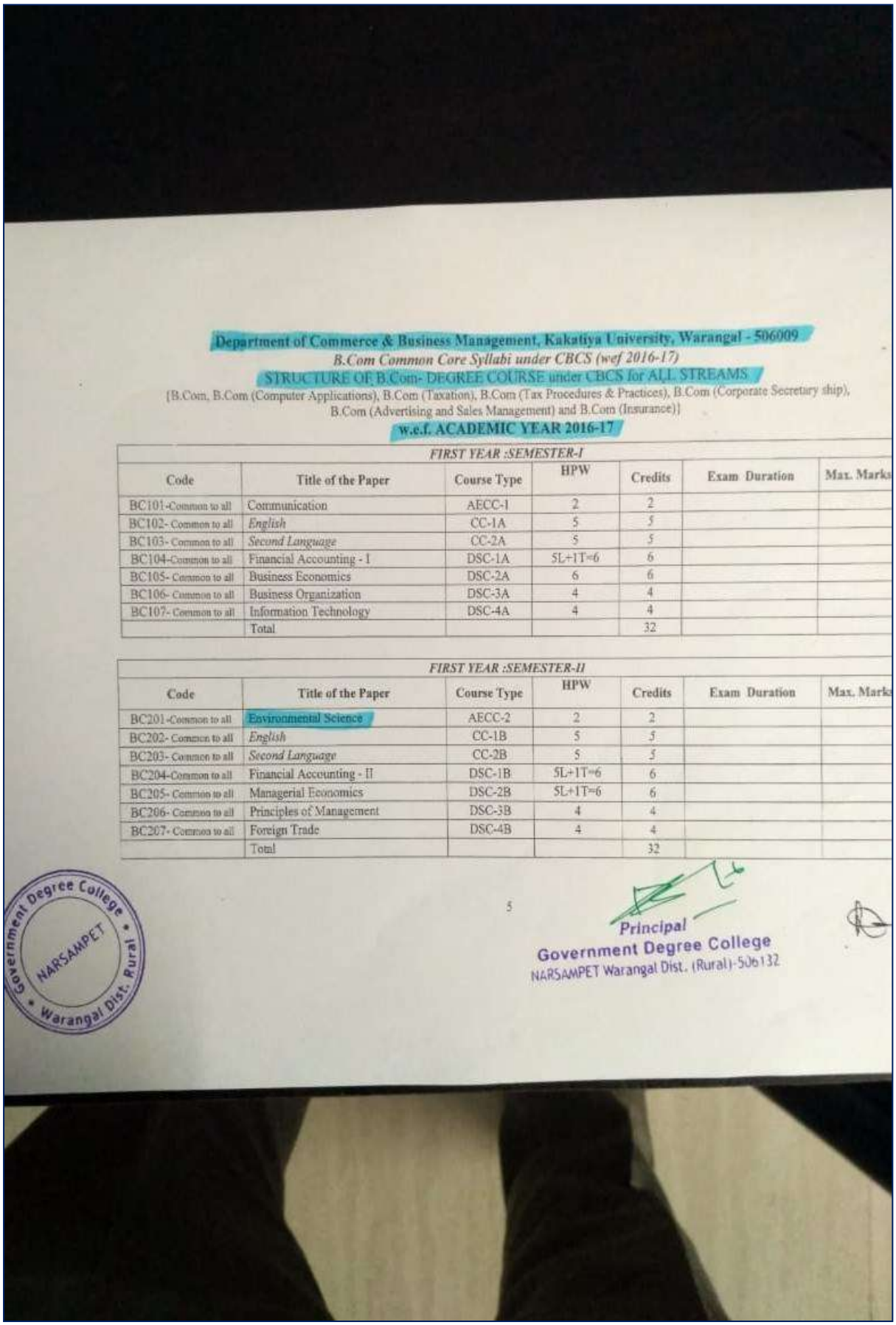
B.Sc. (Computer Science)
CBCS pattern in Semester System (w. e. from 2016-2017)

Code	Semester	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
						I.A	End Exam	Total	
FIRST YEAR									
BS106	I	DSC-1A (Theory)	Object Oriented Programming with C++	4	4	20	80	100	125
		DSC-1A (Practical)		1	2	-	25	25	
BS206	II	DSC-1B (Theory)	Data Structures and File Processing	4	4	20	80	100	125
		DSC-1B (Practical)		1	2	-	25	25	
SECOND YEAR									
BS306	III	DSC-1C (Theory)	Database Management System	4	4	20	80	100	125
		DSC-1C (Practical)		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 YEAR									
BS505	V	DSC-1E (Theory)	Web programming	3	3	15	60	75	100
		DSC-1E (Practical)		1	2	-	25	25	
BS508		DSC-1E (Theory)	Elective 1 (A/B/C) A) Operating Systems B) Data Mining C) Cryptography	3	3	15	60	75	100
		DSC-1E (Practical)		1	2	-	25	25	
BS605	VI	DSC-1F (Theory)	Visual Programming	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	-	25	25	
BS608		DSC-1F (Theory)	Elective 2 (A/B/C) A) Multimedia Systems & Applications B) Computer Graphics C) Computer Networks	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	-	25	25	
			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

FIRST YEAR :SEMESTER-I

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
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 - I	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		
	Total			32		

FIRST YEAR :SEMESTER-II

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
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	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		
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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SECOND YEAR :SEMESTER-III						
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
BC301-Common to all	A	SEC-1	2	2		
OR						
BC301-Common to all	B	SEC-1	2	2		
BC302- Common to all	*English*	CC-1C	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			32		

SECOND YEAR :SEMESTER-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 all	D	SEC-2	2	2		
BC402- Common to all	*English*	CC-1D	5	5		
BC403- Common to all	*Second Language*	CC-2D	5	5		
BC404-Common to all	Corporate Accounting	DSC-1D	5L+1T=6	6		
BC405- Common to all	Business Statistics-II	DSC-2D	6	6		
BC406- Common to all	Income Tax-II	DSC-3D	4	4		
BC407- Common to all	Auditing	DSC-4D	4	4		
	Total			32		

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Code	THIRD YEAR :SEMESTER-V						
BC501-Common to	E	Title of the Paper	Course	HPW	Credits	Exam	Max.
			SEC-3	2	2		
BC501-Common to	F	OR					
BC502- Common to							
BC503- Common to	Cost Accounting		SEC-3	2	2		
BC504-Common to	Business Law		GE-1	5L+1T=6	6		
BC505- Common to	Banking Theory & Practice		DSC-1E	6	6		
BC506- Common to	Computerized Accounting		DSC-2E	5	5		
			DSC-3E	4	4		
			DSC-4E	5	5		
BC507		Elective-1					
	Elective Group – A General	Financial Management	DSE-1A	4L+1T=5	5		
	Elective Group – B Finance	Financial Management	DSE-1A	4L+1T=5	5		
	Elective Group – C Accounting	Financial Statement Analysis	DSE-1A	4L+1T=5	5		
	B.Com (Computer Applications)	E-Commerce	DSE-1A	4L+1T=5	5		
	B.Com (Taxation)	Direct Tax – 1	DSE-1A	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax	DSE-1A	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Business Environment	DSE-1A	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Marketing Management	DSE-1A	4L+1T=5	5		
	B.Com (Insurance)	Principles and Practices of	DSE-1A	4L+1T=5	5		
		Elective-2					
BC508	Elective Group – A General	Principles of Marketing	DSE-2A	4L+1T=5	5		
	Elective Group – B Finance	Financial Services	DSE-2A	4L+1T=5	5		
	Elective Group – C Accounting	Indian Accounting Standards	DSE-2A	4L+1T=5	5		
	B.Com (Computer Applications)	Objective Oriented Programming with C++	DSE-2A	4L+1T=5	5		
	B.Com (Taxation)	Indirect Taxes	DSE-2A	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax Procedures and	DSE-2A	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Corporate Law & Practice – 1	DSE-2A	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Advertising -1	DSE-2A	4L+1T=5	5		
	B.Com (Insurance)	Legal and managerial aspects of	DSE-2A	4L+1T=5	5		
	Total						

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Code	THIRD YEAR :SEMESTER-VI						
BC601-Common to all	G	Title of the Paper	Course	HPW	Credits	Exam	Max.
			SEC-4	2	2		
BC601-Common to all	H	OR					
BC602- Common to all			SEC-4	2	2		
BC603- Common to all	Managerial Accounting		GE-2	5L+1T=6	6		
BC604-Common to all	Company Law		DSC-1F	5L+1T=6	6		
BC605- Common to all	Financial Institutions & Markets		DSC-2F	5	5		
BC606- Common to all	Commerce Lab		DSC-3F	5	5		
			DSC-4F	4	4		
		Elective-3					
BC607	Elective Group – A General	Human Resource Management	DSE-1B	4L+1T=5	5		
	Elective Group – B Finance	Investment Management	DSE-1B	4L+1T=5	5		
	Elective Group – C Accounting	Advanced Managerial Accounting	DSE-1B	4L+1T=5	5		
	B.Com (Computer Applications)	Web Technologies	DSE-1B	4L+1T=5	5		
	B.Com (Taxation)	Direct Tax – 2	DSE-1B	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax Procedures &	DSE-1B	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Secretarial Practice	DSE-1B	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Sales Promotion and Sales	DSE-1B	4L+1T=5	5		
	B.Com (Insurance)	Fire and Marine Insurance	DSE-1B	4L+1T=5	5		
		Elective-4					
BC608	Elective Group – A General	Tax Planning and Management	DSE-2B	4L+1T=5	5		
	Elective Group – B Finance	International Finance	DSE-2B	4L+1T=5	5		
	Elective Group – C Accounting	Advanced Corporate Accounting	DSE-2B	4L+1T=5	5		
	B.Com (Computer Applications)	Relational Data Base Management	DSE-2B	4L+1T=5	5		
	B.Com (Taxation)	Tax Planning and Management	DSE-2B	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Other Taxes	DSE-2B	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Corporate Law and Practice - 2	DSE-2B	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Advertising – 2	DSE-2B	4L+1T=5	5		
	B.Com (Insurance	Property and Liability Insurance	DSE-2B	4L+1T=5	5		
	Total						

Notation: L – Lecture; T= Tutorial; P – Practical; R – Report; VV – Viva-Voce Examination.

Principal
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NARSAMPET Warangal Dist. (Rural)-506132

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)

(CBCS)

FACULTY OF COMMERCE & BUSINESS MANAGEMENT
KAKATIYA UNIVERSITY
Vidyaranyapuri, Warangal

2019-2020

Government Degree College NARSAMPET Warangal Dist. Rural

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

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+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
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	**a)**Principles of Insurance/ **b)**Foundation of Digital Marketing/ **c)**Fundamentals of Business Analytics	2	2	1 ½ hrs	40U+10I
16.	SEC2	**a)**Practice of Life Insurance/ **b)**Web Design & Analytics/ **c)**Application of Business Analytics	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+20I
19.	DSC303	Relational Database Management System	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**27**	**25**		

		II Year II Semester				
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3	**a)**Practice of General Insurance/ **b)**Social Media Marketing **c)**Business Intelligence	2	2	1 ½ hrs	40U+10I
23.	SEC4	**a)**Regulation of Insurance Business/ **b)**Search Engine Optimization & Online Advertising c)Data Visualisation & Storytelling	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax/Excel Foundation	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Web Technologies	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**27**	**25**		
		III Year I Semester				
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a)Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	**a)** Cost Accounting/ **b)** Financial Planning & Performance/ **c)** International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	**a)** Computerized Accounting/ **b)** Financial Decision Making-I/ **c)** International Tax &Regulation	3T+4P/ 5	5	3 hrs	50T+35P+ 15I/ 80U+20I
32.	DSE503	**a)** Management Information Systems/ **b)** Ecommerce/**c)** Mobile Applications	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**29/27**	**25**		
		III Year II Semester				
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
36.	DSE601	**a)** Cost Control and Management Accounting/ **b)** Financial control/ **c)** International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	**a)** Theory and Practice of GST/ **b)** Financial Decision Making-II / **c)** International Auditing	3T+4P/ 5	5	3 hrs	50T+35P+ 15I/ 80U+20I
38.	DSE603	**a)** Multimedia Systems/ **b)** Cyber Security/**c)** Data Analytics	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**31/29**	**25**		
		GRAND TOTAL	**168/164**	**150**		

ELS: English Language Skill; **SLS**: Second Language Skill; **AEC:** Ability Enhancement Compulsory Course; ***SEC:*** ***Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective;*** ***T: Theory; P: Practical; I: Internal Exam U: University Exam: PR: Project Report; VV: Viva- Voce Examination.***

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

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

SUMMARY OF CREDITS

Sl. 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**		**150**
	Commerce	**24**		**106**
CREDITS UNDER NON-CGPA		**NSS/NCC/Sports/ Extra Curricular**	**Up to 6 (2 in each year)**	
		Summer Internship	**Up to 4 (2 in each after I & II years)**	

Prof. K. Raji Reddy	Prof. P. Varalaxmi	Dr. K. Rajender
Dr. S. Narasimha Chary	Mr. M. Somaiah	Dr. S. Narayana Swamy
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

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

SEMESTER – II

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

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

SECOND YEAR

SEMESTER - III

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

SEMESTER - IV

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

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

SEMESTER - VI

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

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

F.L : First Language;
S.L : Second Language;
A.E.C.C: Ability Enhancement Compulsory Course;
S.E.C : Skill Enhancement Course;
D.S.C : Discipline Specific Course;
D.S.E : Discipline Specific Effective;
G.E : Generic Elective;
P.W : Project Work;

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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

SECOND YEAR

SEMESTER - III

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

SEMESTER - IV

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	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- 4 A	ENGLISH	3	3	15	60	75
BA 404	SL- 4 B	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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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/Extra Curricular	Credits under Non – CGPA 6	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)
Summer internship	4	Up to 4 (2 in each, after I & II years	Up to 4 (2 in each, after I & II years	Up to 4 (2 in each, after I & II years

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;

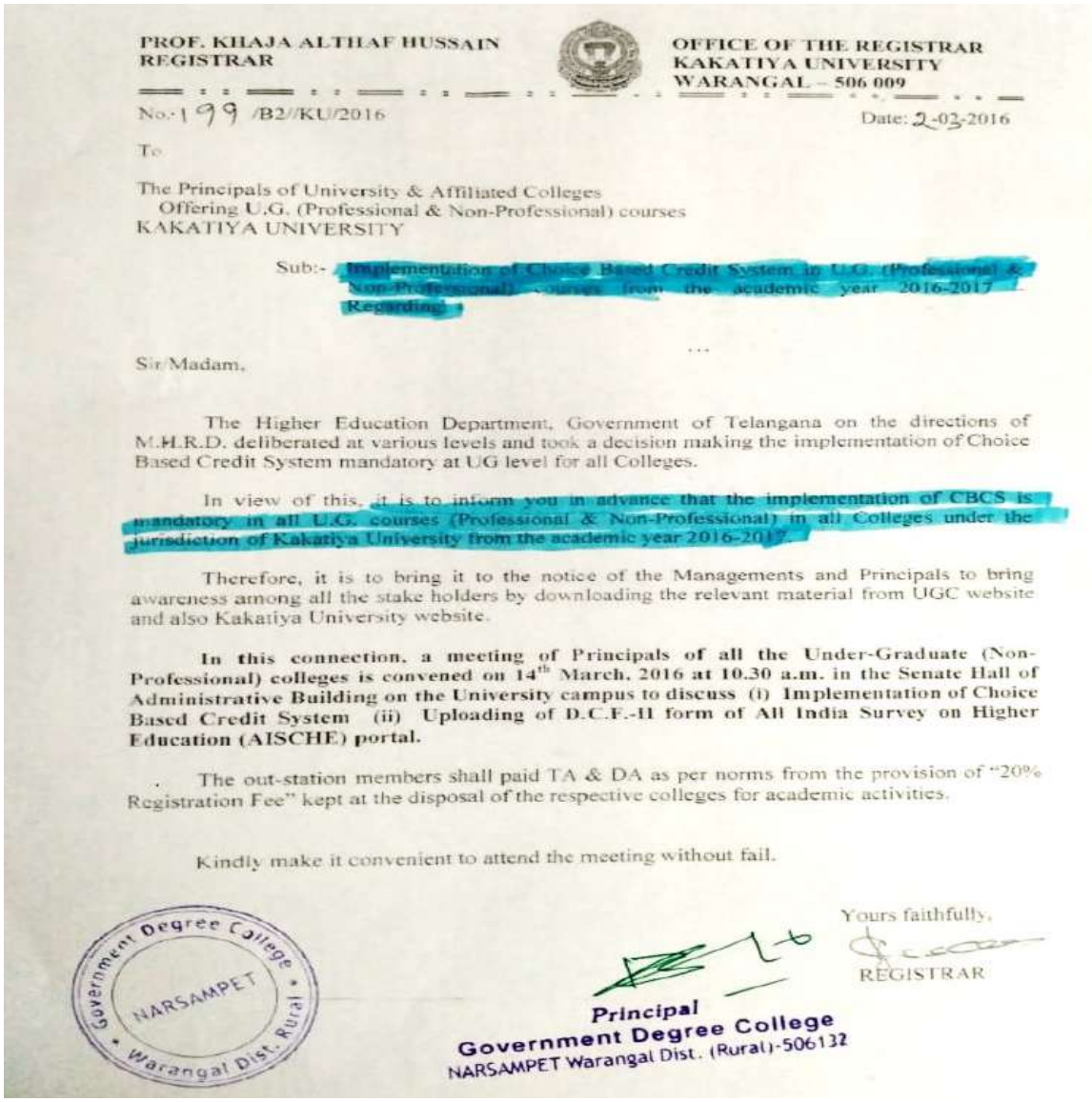
GOVERNMENT DEGREE COLLEGE NARSAMPET
WARANGAL DISTRICT (RURAL) 506132 TELANGANA STATE
wgl.jkc.nspt@gmail.com; Mob.9849551559
website:https: //www.gdcts.cgg.gov.in/narsampet.edu

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



PROF. KHAJA ALTHAF HUSSAIN
REGISTRAR

OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL – 506 009

No.:199 /B2//KU/2016

Date: 2-03-2016

To

The Principals of University & Affiliated Colleges
Offering U.G. (Professional & Non-Professional) courses
KAKATIYA UNIVERSITY

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 14th 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.F.-II 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,

REGISTRAR

Government Degree College NARSAMPET Warangal Dist. Rural

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

KAKATIYA UNIVERSITY

B.SC I YEAR SEMESTER-I - CBCS

Ability Enhancement Compulsory Course (AECC)

ENVIRONMENTAL STUDIES

(2 hrs./week) **Credits – 2**

UNIT - I : Ecosystem, Biodiversity & Natural Resources **(15 hrs.)**

1. Definition, Scope & Importance of Environmental Studies.
2. 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)
4. Definition of Biodiversity , Genetic,Species & Ecosystem diversity , Hot-spots of Biodiversity, Threats to Biodiversity , Conservation of Biodiversity (Insitu & Exsitu)
5. 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 **(15 hrs.)**

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

❖ Field Study: **(5 hours)**

- 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
- A text book of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthana

Government Degree College NARSAMPET Dist. Rural Warangal

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

Dr. G. SHAMBABU
Chairperson
Board of Studies
Department of Zoology & Sericulture Unit
WGL-506009 (T.S)

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 on following issues:

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

-o0o-

Government Degree College NARSAMPET Warangal Dist. Rural

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.

PROF. K. PURUSHOTHAM
REGISTRAR

OFFICE OF THE REGISTRAR
KAKATIYA UNIVERSITY
WARANGAL – 506 009

No. 916 /B2/KU/2017 Date: 27-07-2017

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
4. The Secretary to Vice-Chancellor, KU
5. The SF

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

Government Degree College NARSAMPET Warangal Dist. Rural

BA 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

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B.A. PROGRAMME

FIRST YEAR - SEMESTER - I

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	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
Summary of Credits			27	27	110	440	550

FIRST YEAR - SEMESTER - II

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	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 206	DSC-3B	OPTIONAL - III	5	5	20	80	100
Summary of Credits			27	27	110	440	550

SECOND YEAR - SEMESTER - III

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
B A 301	SCC-1	Communication Skills in English	2	2	10	40	50
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
Summary of Credits			27	27	110	440	550

SECOND YEAR - SEMESTER - IV

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
B A 401	SEC-2	Banking & Insurance	2	2	10	40	50
B A 402	CC-1D	ENGLISH	5	5	20	80	100
B A 403	CC-2D	SECOND LANGUAGE	5	5	20	80	100
B A 404	DSC-1D	OPTIONAL - I	5	5	20	80	100
B A 405	DSC-2D	OPTIONAL - II	5	5	20	80	100
B A 406	DSC-3D	OPTIONAL - III	5	5	20	80	100
Summary of Credits			27	27	110	440	550

AECC: Ability Enhancement Compulsory Course
SEC: Skill Enhancement Course;
DSC: Discipline Specific Course
DSE: Discipline Specific Effective;
GE: Generic Elective

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FINAL YEAR - SEMESTER – V

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
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	20	80	100
B A 504	DSC-2E	OPTIONAL - II	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
Summary of Credits			28	28	140	560	700

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FINAL YEAR - SEMESTER - VI

Code	Course category	Title of the Paper	No.of credits	HPW	Max. Marks		Total Marks
					I A	End Exam	
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
Summary of Credits			27	27	140	560	700

AECC: Ability Enhancement Compulsory Course

SEC: Skill Enhancement Course;

DSC: Discipline Specific Course

DSE: Discipline Specific Effective;

GE: Generic Elective:

SEMESTER- I (B.Sc/B.A./B.Com) CBCS

AECC-I. Environmental Studies

UNIT - I: Ecosystem, Biodiversity & Natural Resources

1. Definition, Scope & Importance of Environmental Studies.

2.CStructure 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)

4.Definition of Biodiversity , Genetic, Species & Ecosystem diversity , Hot-spots of Biodiversity, Threats to Biodiversity, Conservation of Biodiversity (Insitu & Exsitu)

5.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

❖ **Field Study:**

1 Pond Eco system. 2.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
- A text book of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthana

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
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B.SC. PROGRAMME

FIRST YEAR

SEMESTER - I

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

SEMESTER - II

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

AECC: Ability Enhancement Compulsory Course;
SEC: Skill Enhancement Course;
DSC: Discipline Specific Course;
DSE: Discipline Specific Effective;
GE: Generic Elective:

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KAKATIYA UNIVERSITY WARANGAL 506 009

Scheme for under Choice Based Credit System

With Effect from the Academic Year 2016-2019

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B.SC. PROGRAMME

SECOND YEAR

SEMESTER - III

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

SEMESTER - IV

Code	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Lab Practical	
BS401	SEC-2	Multimedia Application	2	2	10	40	-	50
BS402	CC-1D	ENGLISH	5	5	20	80	-	100
BS403	CC-2D	SECOND LANGUAGE	5	5	20	80	-	100
BS404	DSC-1D	OPTIONAL - I	4	4	20	80	25	125
		OPTIONAL – I LAB	1	2				
BS405	DSC-2D	OPTIONAL – II	4	4	20	80	25	125
		OPTIONAL – II LAB	1	2				
BS406	DSC-3D	OPTIONAL – III	4	4	20	80	25	125
		OPTIONAL – III LAB	1	2				
		Summary of Credits	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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Scheme for under Choice Based Credit System
With Effect from the Academic Year 2016-2019
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B.SC. PROGRAMME

FINAL YEAR

SEMESTER - V

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 501	SEC-3	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
BS 503	DSC-1E	OPTIONAL – I	3	3	20	80	100	125
		OPTIONAL – I LAB	1	2	-	25	25	
BS 504	DSC-2E	OPTIONAL – II	3	3	20	80	100	125
		OPTIONAL – II LAB	1	2	-	25	25	
BS505	DSC-3E	OPTIONAL – III	3	3	20	80	100	125
		OPTIONAL – III LAB	1	2	-	25	25	
BS506	DSE-1E	OPTIONAL – I Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – I Elective (A/B/C) LAB	1	2	-	25	25	
BS507	DSE-2E	OPTIONAL – II Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – II Elective (A/B/C) LAB	1	2	-	25	25	
BS508	DSE-3E	OPTIONAL – III Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – III Elective (A/B/C) LAB	1	2	-	25	25	
		Summary of Credits	28	34	-	-	-	850

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

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

FINAL YEAR

SEMESTER - VI

Code	Course Type	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
					I.A	End Exam	Total	
BS 601	SEC-4	Quantitative 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	80	100	125
		OPTIONAL – I LAB	1	2	-	25	25	
BS 604	DSC-2F	OPTIONAL – II	3	4	20	80	100	125
		OPTIONAL – II LAB	1	2	-	25	25	
BS 605	DSC-3F	OPTIONAL – III	3	3	20	80	100	125
		OPTIONAL – III LAB	1	2	-	25	25	
BS 606	DSE-1F	OPTIONAL – I Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – I Elective (A/B/C) LAB	1	2	-	25	25	
BS 607	DSE-2F	OPTIONAL – II Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – II Elective (A/B/C) LAB	1	2	-	25	25	
BS 608	DSE-3F	OPTIONAL – III Elective (A/B/C)	3	3	20	80	100	125
		OPTIONAL – III Elective (A/B/C) LAB	1	2	-	25	25	
		Summary of Credits	28	34	-	-	-	850

*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

PROPOSED SCHEME FOR B.Sc PROGRAMME
UNDER CHOICE BASED CREDIT SYSTERM

FIRST YEAR SEMESTER-I				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 104	Optional I	B.Sc -A	4 T 2 P = 6	4 + 1 = 5
Paper-I Microbial Diversity of Lower Plants				
SEMESTER-II				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 201	Environmental Studies	AECC-2	2	2
BS204	Optional-I	DSC-1B	4 T + 2P = 6	4 + 1 = 5
Paper-II Bryophytes Pteridophytes, Gymnosperms and Palaeobotany				
SECOND YEAR SEMESTER-III				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS304	Optional-I	DSC-IC	4 T + 2 P = 6	4 + 1 = 5
Paper-III Taxonomy of Angiosperms and Medicinal Botany				

SEMESTER-IV				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS404 ✓	Optional - I	DSC-ID	4 T + 2P = 6	4 + 1 = 5
Plant Anatomy, Embryology and Palynology				
THIRD YEAR SEMESTER-V				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 503	Optional-I	DSC - IE	3 T + 2P = 5	3 + 1 = 4
Paper-V: Cell Biology and Genetics				
BS 506	Optional I A/B	DSE-I#	3T + 2P = 5	3 + 1 = 4
Elective-I Ecology and Biodiversity / Elective II: Horticulture				
SEMESTER-VI				
Code	*Course Title*	*Course Type*	*HPW*	*Crdeits*
BS 603	Optional-I	DSC - 1F	3 T + 2P = 5	3 + 1 = 4
Paper-VIII : Plant Physiology				
BS 606	Optional A/B/	DSE - IF	3 T + 2P = 5	3 + 1 = 4
Elective III Tissue Culture and Biotechnology / Elective-IV: Seed Technology				

AECC: Ability Enhancement Compulsory Course: DSC: Discipline Specific Course: DSE : Discipline Specific Elective

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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 B.Sc. Zoology from 2016-17

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Code	Semester	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
						I.A	End Exam	Total	
FIRST YEAR									
BS104	I	DSC-1A (Theory)	Animal Diversity-Invertebrates	4	4	20	80	100	150
		DSC-1A (Practical)		2	2	-	50	50	
BS204	II	DSC-1B (Theory)	Ecology, Zoogeography and Animal Behavior	4	4	20	80	100	150
		DSC-1B (Practical)		2	2	-	50	50	
SECOND YEAR									
BS304	III	DSC-1C (Theory)	Animal Diversity-Vertebrates and Developmental Biology	4	4	20	80	100	150
		DSC-1C (Practical)		2	2	-	50	50	
BS404	IV	DSC-1D (Theory)	Cell and Molecular Biology, Genetics and Evolution	4	4	20	80	100	150
		DSC-1D (Practical)		2	2	-	50	50	
THRID YEAR									
BS503	V	DSC-1E (Theory)	Physiology and Biochemistry	3	3	15	60	75	100
		DSC-1E (Practical)		1	1	-	25	25	
BS506		DSC-1E (Theory)	Applied Zoology or Food and Nutrition or Bioinstrumentation	3	3	15	60	75	100
		DSC-1E (Practical)		1	1	-	25	25	
BS603	VI	DSC-1F (Theory)	Immunology and Animal Biotechnology	3	3	15	60	75	100
		DSC-1F (Practical)		1	1	-	25	25	
BS606		DSC-1F (Theory)	Public Health and Hygiene or Aquatic Biology or Sericulture	3	3	15	60	75	100
		DSC-1F (Practical)		1	1	-	25	25	
			Summary of Credits	50	50	-	-	-	1000

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

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

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KAKATIYA UNIVERSITY, WARANGAL
SCHEME FOR CHOICE BASED CREDIT SYSTEM
B.Sc. (PHYSICS)
SEMESTER PATTERN

YEAR	SEM	COURSE (PAPER) TITLE WITH CODE	COURSE TYPE*	HRS/ WEEK	CREDITS	MARKS	
						Internal Assessment	SEM End Exam
FIRST	I	101: Mechanics	DSC-1	4	4	20	80
		101(P): Mechanics Lab (Pr)	DSC-1(P)	3	1	-	25
	II	201: Waves and Oscillations	DSC-2	4	4	20	80
		201(P): Waves and Oscillations Lab (Pr)	DSC-2(P)	3	1	-	25
SECOND	III	301: Thermal Physics	DSC-3	4	4	20	80
		301(P): Thermal Physics Lab (Pr)	DSC-3(P)	3	1	-	25
	IV	401: Optics	DSC-4	4	4	20	80
		401(P): Optics Lab (Pr)	DSC-4(P)	3	1	-	25
THIRD	V	501: Electromagnetism	DSC-5	3	3	15	60
		501(P): Electromagnetism Lab (Pr)	DSC-5(P)	3	1	-	25
		502: Elective (Theory) – 1 (A/B/C) A. Solid state physics B. Modern Optics	DSE-1	3	3	15	60
		502(P): Elective (Practical) - 1 (A/B/C) A. Solid state physics Lab B. Modern Optics Lab	DSE-1(P)	3	1	-	25
	VI	601: Modern Physics	DSC-6	3	3	15	60
		601(P): Modern Physics Lab (Pr)	DSC-6(P)	3	1	-	25
		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	-	25
		Total			**36**	**140**	**760**
						Grand Total : 900	

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

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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Proposed Scheme for Choice Based Credit System in B.Sc. Chemistry

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

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

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

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B.Sc. (Computer Science)
CBCS pattern in Semester System (w. e. from 2016-2017)

Code	Semester	Course category	Title of the Paper	No. of Credits	HPW	Max. Marks			Total Marks
						I.A	End Exam	Total	
FIRST YEAR									
BS106	I	DSC-1A (Theory)	Object Oriented Programming with C++	4	4	20	80	100	125
		DSC-1A (Practical)		1	2	-	25	25	
BS206	II	DSC-1B (Theory)	Data Structures and File Processing	4	4	20	80	100	125
		DSC-1B (Practical)		1	2	-	25	25	
SECOND YEAR									
BS306	III	DSC-1C (Theory)	Database Management System	4	4	20	80	100	125
		DSC-1C (Practical)		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 YEAR									
BS505	V	DSC-1E (Theory)	Web programming	3	3	15	60	75	100
		DSC-1E (Practical)		1	2	-	25	25	
BS508		DSC-1E (Theory)	Elective 1 (A/B/C) A) Operating Systems B) Data Mining C) Cryptography	3	3	15	60	75	100
		DSC-1E (Practical)		1	2	-	25	25	
BS605	VI	DSC-1F (Theory)	Visual Programming	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	-	25	25	
BS608		DSC-1F (Theory)	Elective 2 (A/B/C) A) Multimedia Systems & Applications B) Computer Graphics C) Computer Networks	3	3	15	60	75	100
		DSC-1F (Practical)		1	2	-	25	25	
			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

FIRST YEAR :SEMESTER-I

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
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 - I	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		
	Total			32		

FIRST YEAR :SEMESTER-II

Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
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	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		
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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SECOND YEAR :SEMESTER-III						
Code	Title of the Paper	Course Type	HPW	Credits	Exam Duration	Max. Marks
BC301-Common to all	A	SEC-1	2	2		
OR						
BC301-Common to all	B	SEC-1	2	2		
BC302- Common to all	*English*	CC-1C	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			32		

SECOND YEAR :SEMESTER-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 all	D	SEC-2	2	2		
BC402- Common to all	*English*	CC-1D	5	5		
BC403- Common to all	*Second Language*	CC-2D	5	5		
BC404-Common to all	Corporate Accounting	DSC-1D	5L+1T=6	6		
BC405- Common to all	Business Statistics-II	DSC-2D	6	6		
BC406- Common to all	Income Tax-II	DSC-3D	4	4		
BC407- Common to all	Auditing	DSC-4D	4	4		
	Total			32		

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Code	THIRD YEAR :SEMESTER-V						
BC501-Common to	E	Title of the Paper	Course	HPW	Credits	Exam	Max.
BC501-Common to	F	OR	SEC-3	2	2		
BC502- Common to			SEC-3	2	2		
BC503- Common to	Cost Accounting		GE-1	5L+1T=6	6		
BC504-Common to	Business Law		DSC-1E	6	6		
BC505- Common to	Banking Theory & Practice		DSC-2E	5	5		
BC506- Common to	Computerized Accounting		DSC-3E	4	4		
			DSC-4E	5	5		
BC507		Elective-1					
	Elective Group – A General	Financial Management	DSE-1A	4L+1T=5	5		
	Elective Group – B Finance	Financial Management	DSE-1A	4L+1T=5	5		
	Elective Group – C Accounting	Financial Statement Analysis	DSE-1A	4L+1T=5	5		
	B.Com (Computer Applications)	E-Commerce	DSE-1A	4L+1T=5	5		
	B.Com (Taxation)	Direct Tax – 1	DSE-1A	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax	DSE-1A	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Business Environment	DSE-1A	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Marketing Management	DSE-1A	4L+1T=5	5		
	B.Com (Insurance)	Principles and Practices of	DSE-1A	4L+1T=5	5		
		Elective-2					
BC508	Elective Group – A General	Principles of Marketing	DSE-2A	4L+1T=5	5		
	Elective Group – B Finance	Financial Services	DSE-2A	4L+1T=5	5		
	Elective Group – C Accounting	Indian Accounting Standards	DSE-2A	4L+1T=5	5		
	B.Com (Computer Applications)	Objective Oriented Programming with C++	DSE-2A	4L+1T=5	5		
	B.Com (Taxation)	Indirect Taxes	DSE-2A	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax Procedures and	DSE-2A	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Corporate Law & Practice – 1	DSE-2A	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Advertising -1	DSE-2A	4L+1T=5	5		
	B.Com (Insurance)	Legal and managerial aspects of	DSE-2A	4L+1T=5	5		
	Total						

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Code	THIRD YEAR :SEMESTER-VI						
	Title of the Paper		Course	HPW	Credits	Exam	Max.
BC601-Common to all	G		SEC-4	2	2		
	OR						
BC601-Common to all	H		SEC-4	2	2		
BC602- Common to all			GE-2	5L+1T=6	6		
BC603- Common to all	Managerial Accounting		DSC-1F	5L+1T=6	6		
BC604-Common to all	Company Law		DSC-2F	5	5		
BC605- Common to all	Financial Institutions & Markets		DSC-3F	5	5		
BC606- Common to all	Commerce Lab		DSC-4F	4	4		
	Elective-3						
BC607	Elective Group – A General	Human Resource Management	DSE-1B	4L+1T=5	5		
	Elective Group – B Finance	Investment Management	DSE-1B	4L+1T=5	5		
	Elective Group – C Accounting	Advanced Managerial Accounting	DSE-1B	4L+1T=5	5		
	B.Com (Computer Applications)	Web Technologies	DSE-1B	4L+1T=5	5		
	B.Com (Taxation)	Direct Tax – 2	DSE-1B	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Income Tax Procedures &	DSE-1B	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Secretarial Practice	DSE-1B	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Sales Promotion and Sales	DSE-1B	4L+1T=5	5		
	B.Com (Insurance)	Fire and Marine Insurance	DSE-1B	4L+1T=5	5		
	Elective-4						
BC608	Elective Group – A General	Tax Planning and Management	DSE-2B	4L+1T=5	5		
	Elective Group – B Finance	International Finance	DSE-2B	4L+1T=5	5		
	Elective Group – C Accounting	Advanced Corporate Accounting	DSE-2B	4L+1T=5	5		
	B.Com (Computer Applications)	Relational Data Base Management	DSE-2B	4L+1T=5	5		
	B.Com (Taxation)	Tax Planning and Management	DSE-2B	4L+1T=5	5		
	B.Com (Tax Procedures & Practices)	Other Taxes	DSE-2B	4L+1T=5	5		
	B.Com (Corporate Secretary ship)	Corporate Law and Practice - 2	DSE-2B	4L+1T=5	5		
	B.Com (Advertising and Sales Management)	Advertising – 2	DSE-2B	4L+1T=5	5		
	B.Com (Insurance	Property and Liability Insurance	DSE-2B	4L+1T=5	5		
	Total						

Notation: L – Lecture; T= Tutorial; P – Practical; R – Report; VV – Viva-Voce Examination.

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

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)

(CBCS)

FACULTY OF COMMERCE & BUSINESS MANAGEMENT
KAKATIYA UNIVERSITY
Vidyaranyapuri, Warangal

2019-2020

Government Degree College NARSAMPET Warangal Dist. Rural

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

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+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
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	**a)**Principles of Insurance/ **b)**Foundation of Digital Marketing/ **c)**Fundamentals of Business Analytics	2	2	1 ½ hrs	40U+10I
16.	SEC2	**a)**Practice of Life Insurance/ **b)**Web Design & Analytics/ **c)**Application of Business Analytics	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+20I
19.	DSC303	Relational Database Management System	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	**27**	**25**		

Government Degree College NARSAMPET Rural

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

		II Year II Semester				
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3	**a)**Practice of General Insurance/ **b)**Social Media Marketing **c)**Business Intelligence	2	2	1 ½ hrs	40U+10I
23.	SEC4	**a)**Regulation of Insurance Business/ **b)**Search Engine Optimization & Online Advertising c)Data Visualisation & Storytelling	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax/Excel Foundation	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Web Technologies	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	**27**	**25**		
		III Year I Semester				
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a)Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	**a)** Cost Accounting/ **b)** Financial Planning & Performance/ **c)** International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	**a)** Computerized Accounting/ **b)** Financial Decision Making-I/ **c)** International Tax &Regulation	3T+4P/ 5	5	3 hrs	50T+35P+ 15I/ 80U+20I
32.	DSE503	**a)** Management Information Systems/ **b)** Ecommerce/**c)** Mobile Applications	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**29/27**	**25**		
		III Year II Semester				
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
36.	DSE601	**a)** Cost Control and Management Accounting/ **b)** Financial control/ **c)** International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	**a)** Theory and Practice of GST/ **b)** Financial Decision Making-II / **c)** International Auditing	3T+4P/ 5	5	3 hrs	50T+35P+ 15I/ 80U+20I
38.	DSE603	**a)** Multimedia Systems/ **b)** Cyber Security/**c)** Data Analytics	3T+4P	5	1 ½ hrs	50T+35P+ 15I
		Total	**31/29**	**25**		
		GRAND TOTAL	**168/164**	**150**		

ELS: English Language Skill; **SLS**: Second Language Skill; **AEC:** Ability Enhancement Compulsory Course; ***SEC:*** *Skill Enhancement Course;* ***DSC:*** *Discipline Specific Course;* ***DSE:*** *Discipline Specific Elective;* ***GE:*** *General Elective;* ***T:*** *Theory;* ***P:*** *Practical;* ***I:*** *Internal Exam* ***U:*** *University Exam:* ***PR:*** *Project Report;* ***VV:*** *Viva- Voce Examination.*

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

Government Degree College NARSAMPET Warangal Dist. Rural) Seal

Principal

Government Degree Colleg
NARSAMPET Warangal Dist. (Rural)-506

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

SUMMARY OF CREDITS

Sl. 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		150
	Commerce	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/ Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	

Prof. K. Raji Reddy	Prof. P. Varalaxmi	Dr. K. Rajender
Dr. S. Narasimha Chary	Mr. M. Somaiah	Dr. S. Narayana Swamy
Dr. Ramavath Ravi	Dr. D. Thiruvengala Chary	Dr. G. Shashidhar Rao

Government Degree College NARSAMPET Warangal Dist. Rural

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

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

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

SEMESTER – II

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

Government Degree College NARSAMPET

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

SEMESTER - III

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 301	SEC-1	Fundamentals of Nano Technology (Taught by: Physics)	2	2	10	40	-	50
BS 302	SEC-2	Bio Statistics (Taught by: Statistics)	2	2	10	40	-	50
BS 303	FL-1C	English	3	3	20	80	-	100
BS 304	SL-2C	Second Language	3	3	20	80	-	100
BS 305	DSC-1C	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 306	DSC-2C	Optional – II	4	4	20	80	25	125
		Optional– II Lab	1	3				
BS 307	DSC-3C	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
		TOTAL :	25	-	120	480	75	675

SEMESTER - IV

Code	Course category	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS401	SEC-3	Fundamentals of Python (Taught by: Computer Science)	2	2	10	40	-	50
BS402	SEC-4	Remedial Methods of Pollution - Drinking Water & Soil Fertility (Taught by: Chemistry)	2	2	10	40	-	50
BS403	FL-1D	English	3	3	20	80	-	100
BS404	SL-2D	Second Language	3	3	20	80	-	100
BS405	DSC-1D	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS406	DSC-2D	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS407	DSC-3D	Optional – III	4	4	20	80	25	125
		Optional– III Lab	1	3				
		TOTAL :	25	-	120	480	75	675

Government Degree College NARSAMPET Warangal Dist. Rural

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

KAKATIYA UNIVERSITY, WARANGAL-506 009

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

THIRD YEAR

SEMESTER - V

Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 501	FL-1E	English	3	3	20	80	-	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	-	100
BS 504	DSE-1E	Optional – I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 505	DSE-2E	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS506	DSE-3E	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
		TOTAL :	25	-	120	480	75	675

SEMESTER - VI

Code	Course Type	Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
					Internal Exam	End Exam	Lab	
BS 601	FL-1F	English	3	3	20	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	-	100
BS 604	DSE-1F	Optional - I	4	4	20	80	25	125
		Optional – I Lab	1	3				
BS 605	DSE-2F	Optional – II	4	4	20	80	25	125
		Optional – II Lab	1	3				
BS 606	DSE-3F	Optional – III	4	4	20	80	25	125
		Optional – III Lab	1	3				
		TOTAL :	25	-	120	480	75	675

Government Degree College NARSAMPET Warangal Dist. Rural

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

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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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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KAKATIYA UNIVERSITY WARANGAL 506 009
Scheme under Choice Based Credit System
With Effect from the Academic Year 2020-2021
B.A. PROGRAMME

SECOND YEAR

SEMESTER - III

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

SEMESTER - IV

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	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-4 A	ENGLISH	3	3	15	60	75
BA 404	SL-4 B	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)

Government Degree College NARSAMPET Warangal Dist. Rural

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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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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

Code	Course category	Title of the Paper *	No. of Credits	HPW	Max. Marks		Total Marks
					I.A	End Exam	
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/Extra Curricular	Credits under Non – CGPA 6	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)	Up to 6 (2 in each Year)
Summer internship	4	Up to 4 (2 in each, after I & II years	Up to 4 (2 in each, after I & II years	Up to 4 (2 in each, after I & II years

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;

Government Degree College NARSAMPET Warangal Dist. Rural

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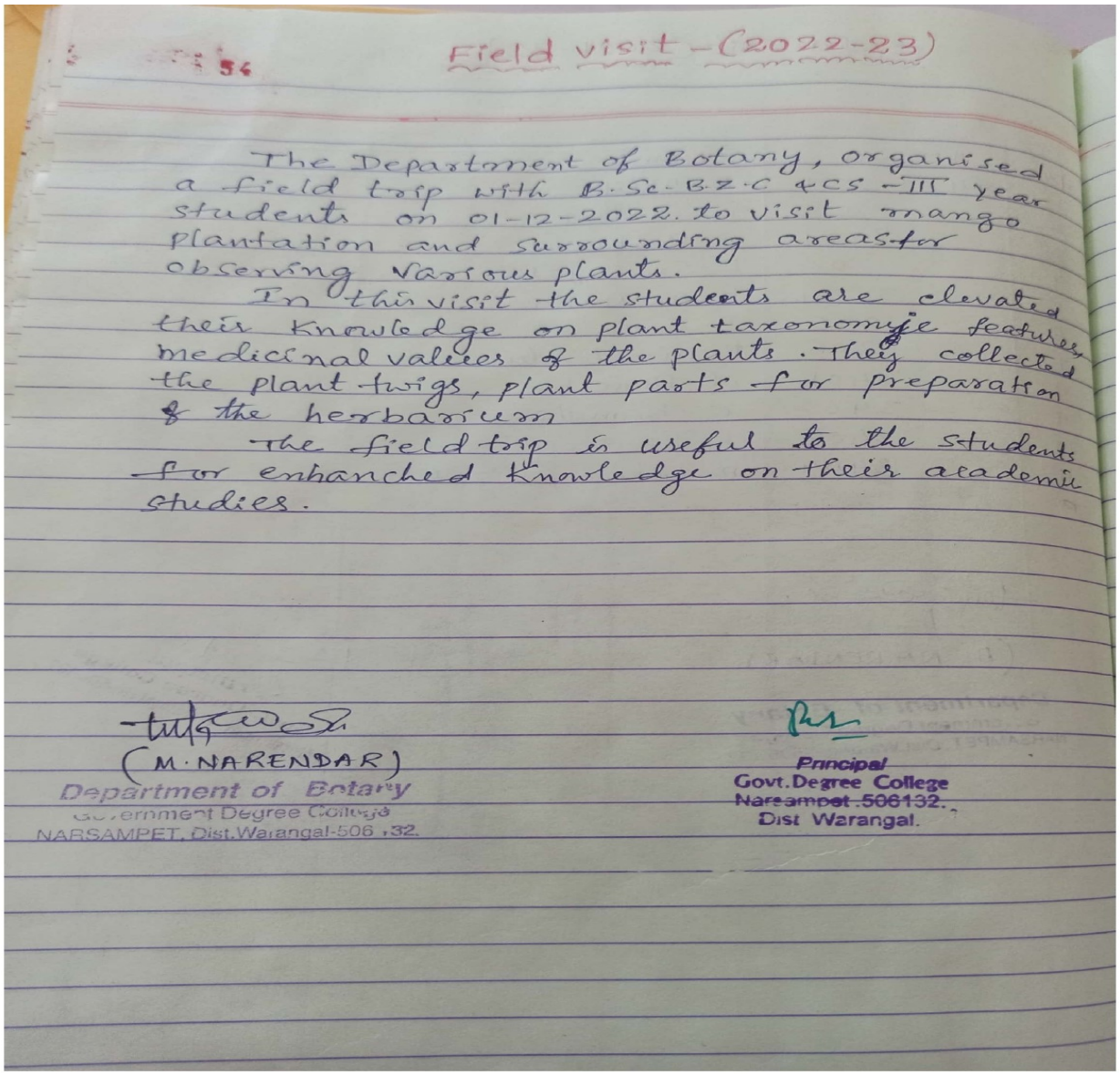
GOVERNMENT DEGREE COLLEGE NARSAMPET
WARANGAL DISTRICT -506132 TELANGANA STATE
Accredited with NAAC 'A' Grade (CGPA 3.14)
Email: wgl.jkc.nspt@gmail.com
Website: https: //www.gdcts.cgg.gov.in/narsampet.edu

Experiential Learning through Field Visit and Study Projects

FIELD TRIP 2022-23



Field visit - (2022-23)

The Department of Botany, organised a field trip 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 elevated their knowledge on plant taxonomic features, medicinal values of the plants. They collected the plant twigs, plant parts for preparation of the herbarium

The field trip is useful to the students for enhanced knowledge on their academic studies.

(M. NARENDAR)
Department of Botany
Government Degree College
NARSAMPET, Dist. Warangal-506 132.

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Government Degree College, Narsampet

Department of Botany, Field trip (2022-23)

Department of Botany
Government Degree College
NARSAMPET, Dist.Warangal-506 132.

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Dist Warangal.

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Field Visit - (2022-23)

Sl.No	H.T. 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. 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		

Department of Botany
Government Degree College
NARSAMPET, Dist.Warangal-506 132.

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Dist Warangal.

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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

S.No	Name	class	Signature
(18)	B. kavya.	B. com (CA) II year	B. kavya.
(19)	P. Akhila	B. com (C.A) II year	P. Akhila
(20)	MD. shabana	B. Com (CA) IInd year	MD. shabana
(21)	E.Pa Praveen	B. com Ist year	E. Praveen
22)	G. Santhosh	B.com III year	
(23)	L. Siddu	B. com II year	Siddu.
(24)	B. Naveen	B. com (CA) II year	Naveen
(25)	E. Rylember	B. com (CA) III year	
(26)	Ch. Mounika	B. com (CA) III year	Ch. Mounika
(27)	B. Maheshwari	B. com (CA) III year	B. Maheshwari
(28)	K. Santhosh	B. Com (CA) IIIrd	
(29)	A. Pavan	B. com (C.A) IIIrd	A. Pavan
(30)	S. Srinivas	B. COM(CA) 1st year	S. Srinivas

(Dr. B. Vishnu Kumar)

(Dr. T. Shivanagasreem)

STUDY TRIP
2022-23

Date:- 12/06/2023

A Study tour / Field trip to local tiny manufacturing units is undertaken for the students of B.com I, II and III year.

i) paper plates Manufacturing unit
ii) Bakery Items Manufacturing unit

These two units in Narrampet are visited and the process of manufacturing these items is studied by the students.

The process, cost, machinery required, selling price, Raw materials required and profit and so on are studied by the students.

The following students were present during the study tour:

S.No	Name	Class	Signature
1)	K Shivamani	B.com (CA) 1 year	K Shivamani
2)	M. Mukesh	B.com (CA) II	M. Mukesh
3.	B. Srikanth	B.Com.(CA)	B. Srikanth
4.	J. Venkanna	B. Com. (C.A)	J. Venkanna
5.	J. Vishnukumar	B.com (C.A) III	J. [illegible]
6.	P. Harish	B.com (C.A) III	Harish
7.	A. Prabhu kumar	B.com (CA) III	Prabhu
8.	N. Pavankalyan	B.com (C.A) II	[illegible]
9)	A. Kamal hosan	B. com (C.A) III	[illegible]
10.)	B. Rahul	B. Com (C.A) II	[illegible]
11)	G. Satwik	B. com (CA) 1st year	G. Satwik
12)	Ch. Sharath	B. com (CA) II	[illegible]
13)	N. Chakradhar	B. com (C.A) II	Chakradhar
14)	R. Ranjith	B. Com CA IIIyear	[illegible]
14)	D. pavan.	B. com (CA) 3 year	D. pavan
15)	A. Nagaraju	B. com (CA) II year	A. Nagaraju
16)	Y. Hindu	B. Com (A) II year	Y. Hindu.
17)	Sk, Shabeeha	B. Com (A) II year	Sk, Shabeeha.

Jignasa - Student Study Projects

DEPARTMENT OF BOTANY

JIGNASA STUDENT STUDY PROJECT
(2022-23)

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

CamScanner

DEPARTMENT OF CHEMISTRY

JIGNASA STUDENT STUDY PROJECT 2022-23

ON

ESTIMATION OF CASEIN IN DIFFERENT MILK SAMPLES

BY

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 College,Narsampet

Jignasa – Students Study Project Presentation
"A Study on the Working and Progress of LIC of India"

Research Supervisor

Dr. B. Vishnu Kumar

Principal
Govt. Degree College
NARSAMPET (NAAC 'A' Grade)
Warangal Dist. 506 132

2022-23

STUDENT STUDY PROJECT

"A Study on the working and progress of LIC of India."

Students

01) B. Srikanth – B.com I yr
02) J. Venkanna – B.com I yr
03) K. Manideep – B.com I yr
04) G. Sathwik – B.com I yr
05) S. Ganesh – B.com I yr
06) L. Siddu – B.com I yr

The above mentioned Student Study project is undertaken as part of the Jignasa - Student Study project for the Academic year 2022-23

Research Supervisor
Dr. B. Vishnu Kumar

(Dr. B. Vishnu Kumar)

Principal
Govt. Degree College
NARSAMPET (NAAC 'A' Grade)
Warangal Dist -506132

GOVERNMENT DEGREE COLLEGE
NARSAMPET WARANGAL
DEPARTMENT OF ECONOMICS
STUDENT STUDY PROJECT
2022-2023
MICRO FINANCE IN RURAL

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. Md. Jareena
3. A. Aparna.
4. K. Bhavani
5. Harshini

Supervised by

M. Shailaja

Asst. Prof of Political Science.

GOVERNMENT DEGREE COLLEGE NARASAMPET

TELANGANA

Department of History

STUDY PROJECTS

54

2022 - 2023

Student study project

Principal
Govt. Degree College
NARSAMPET (NAAC 'A' Grade)
Warangal Dist -506132

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 25th Day of August 2022 at Hyderabad, Telangana

BETWEEN

Commissionerate of Collegiate Education, Government of Telangana", having its office at 3rd 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.

TEAMLEASE EDTECH LTD. MUMBAI

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.

TEAMLEASE EDTECH LTD. MUMBAI

- 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

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

TEAMLEASE EDTECH LTD. MUMBAI

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

the Commissioner of Collegiate Education, Telangana, through

Dr.G.Yadagiri

Regional Joint Director of Collegiate Education, Telangana

Regional Joint Director
O/o. Commissioner of Collegiate Education
Govt. of Telangana, Hyderabad.
15/8/2024

Signature

Witness 1 of First Party

Name: Sri S.J.Reddy

Signature

Witness 2 of First Party

Name:

Signature

For and behalf of

TeamLease EdTech Limited

TEAMLEASE EDTECH LTD. MUMBAI

Mr.Rohit Dogra

Regional Head, University BD

Signature

Witness 1 of Second Party

Name:

Signature

Witness 2 of Second Party

Name:

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 3rd 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

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.

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

Signature 26/8/2022

Witness:

Name: G V S T CHARY

Signature

For and behalf of
Intercell Technologies Private Ltd.
Mr. Arunabh Varma
Founder & CEO

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 andexposure 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:

I. 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

i. 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.

ii. 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.

iii. 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

iii. 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,

Hyderabadfor a period of3 years. The MoU may be subject to renewal on mutual consent of both parties, for the period internally agreed upon.

6. AMENDMENTS

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	**CCETS, Hyderabad**
1/9/2022	11/8/2022
The Director/ CEO **UMEED, Hyderabad**	**The Joint Director,** **Commissionerate of Collegiate Education, Hyderabad**
Witnesses: 1. 2.	**Witnesses:** 1. 2.