

## GOVERNMENT DEGREE COLLEGE, BHUPALPALLY

(RUSA NEW MODEL DEGREE COLLEGE)



JAYASHANKAR BHUPALPALLY DIST., T.S - 506169

(Affiliated to Kakatiya University)

Website : <http://gdcts.cgg.gov.in/bhoopalpalli.edu>

E-mail : [gdcbhupalpalli@gmail.com/](mailto:gdcbhupalpalli@gmail.com/)

: [pri-gdc-bhpl-ce@telangana.gov.in](mailto:pri-gdc-bhpl-ce@telangana.gov.in)



**Dr. Syam Prasad Sura**  
Principal (FAC)

Mobile: 9849944485

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### Metric 1.3.1

***Institution integrates cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.***

The curriculum incorporates cross-cutting issues of human values, gender sensitization, environment and sustainability through curricular, co-curricular and extracurricular activities. The institution is co-education institution right from the beginning providing equal opportunities to both the genders , so that they learn from one another, and develop life skills essential for their social, emotional and physical growth . The cross-cutting issues like human values , gender sensitization, environment sustainability , professional ethics were taught as skill enhancement courses up till 2018 . From 2018 onwards Environmental studies is made as compulsory course with two credits for first semester students. The course emphasizes the need for sustainable development for the future of man kind , and awareness regarding different global environmental issues like pollution, waste management, renewable and nonrenewable resources, global warming, depletion of ozone layer and loss of biodiversity.


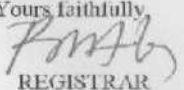
**Eco club** of the institution organizes several programs such as plantation programs, rallies, poster competitions, guest lectures, seminars, etc., and celebrates the Earth Day (22 April), World Environment Day (5th June), World ozone Day (16-September) etc., to promote green ideas in the minds of the students.

**Women Empowerment Cell** conducts various awareness programs on Health and Hygiene, Social Protection and Safety, and Entrepreneurship skills in order to equip them with knowledge and empower them to achieve professional success. WEC organizes rallies on Girl Education, also celebrates International Women's Day, Birth Anniversary of Savithri Bai Pule (National Women's Teacher's Day- January 3<sup>rd</sup>) etc.,

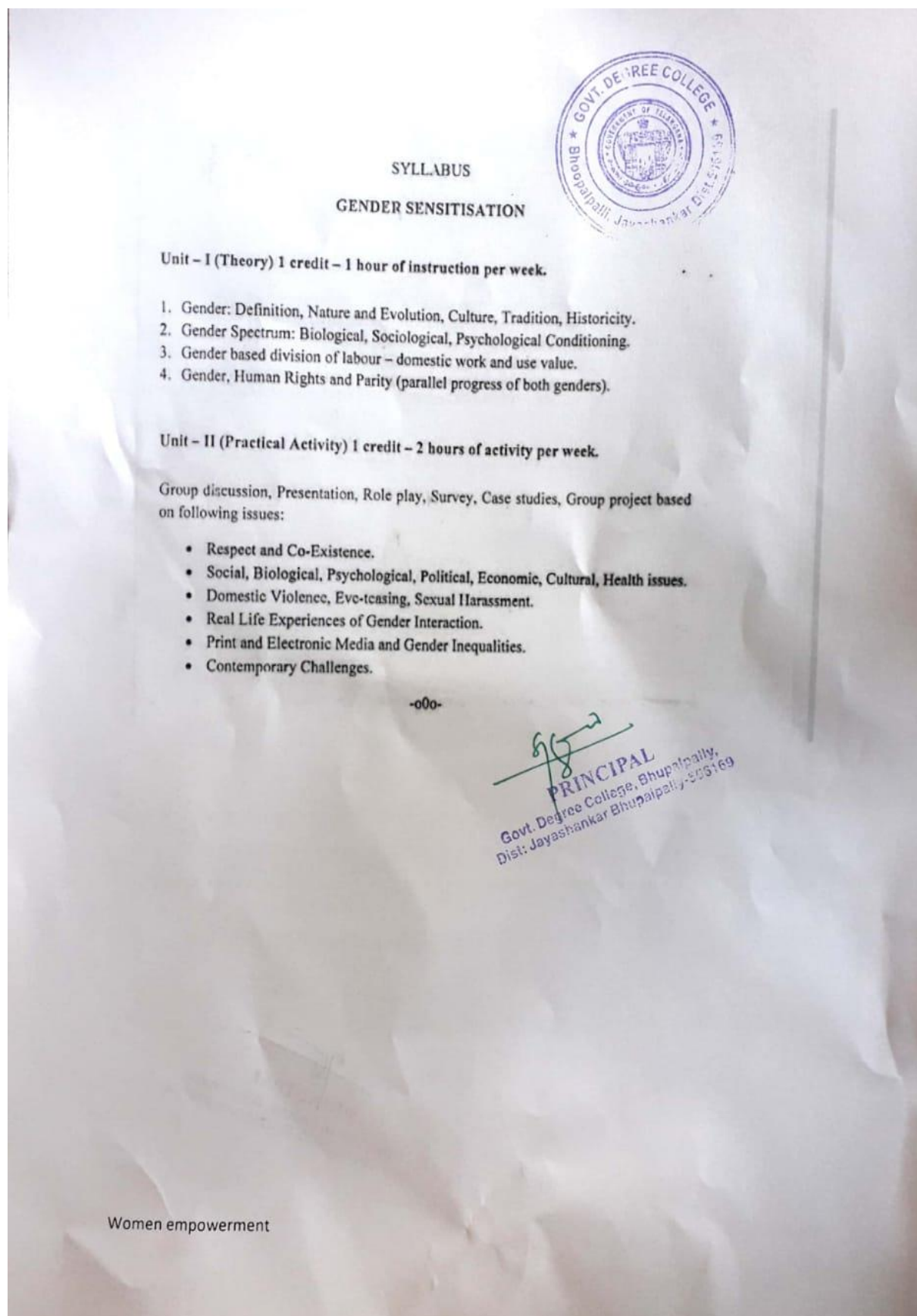
**Human values and professional ethics** were taught in English literature, Telugu literature, History and Commerce classes. Through these classes, the students develop human values like love, tolerance, nonviolence, charity, compassion, understanding nature, simple living and ethical behavior, in addition to personality development.

**Kakatiya University Orders towards the teaching of Gender Sensitization, Environmental Studies, Human Values and Professional Ethics as part of the regular curriculum.**


**Gender Sensitisation Subject**

<p>PROF. K. PURUSHOTHAM REGISTRAR</p>		<p>OFFICE OF THE REGISTRAR KAKATIYA UNIVERSITY WARANGAL - 506 009</p>
<hr style="border-top: 1px dashed black;"/>		
No. 916 /B2/KU/2017		Date: 27-07-2017
<p>To</p> <p>All the Principals of University/Affiliated Colleges offering Under-Graduate (N.P.) courses KAKATIYA UNIVERSITY</p>		
<p>Sub- CHOICE BASED CREDIT SYSTEM (C.B.C.S.) - Teaching of Gender Sensitization subject by qualified P.G. Gender Studies candidates - Instructions - Regarding</p>		
<p>Sir/Madam,</p> <p>...</p> <p>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 &amp; Master of Social Work candidates may be utilized.</p> <p>Please take action accordingly.</p> <p style="text-align: right;">Yours faithfully,  REGISTRAR</p>		
<p>Copy to:</p> <ol style="list-style-type: none"><li>1. The Dean, College Development Council, KU</li><li>2. The Dean, Academic Audit, KU</li><li>3. The Dean, Faculty of Social Sciences, KU</li><li>4. The Secretary to Vice-Chancellor, KU</li><li>5. The SF.</li></ol>		

**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 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

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

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)
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)

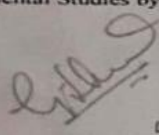
1. Causes, Effects & Control measures of Air Pollution, Water Pollution
2. Solid Waste Management
3. Global Warming & Ozone layer depletion.
4. III – effects of Fire- works
5. Disaster management – floods, earthquakes & cyclones
6. Environmental legislation :-  
(a) Wild life Protection Act (b) Forest 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 Er Bharucha
- A text book of Environmental Studies by Dr.D.K.Asthana and Dr. Meera Asthana

  
**Dr. G. SHAMITHA**  
Chairperson  
Board of Studies  
Department of Zoology & Sericulture Unit  
KAKATIYA UNIVERSITY - WGL-506009 (T.S)

  
**PRINCIPAL**  
Govt. Degree College, Bhupalpally,  
Dist: Jayashankar Bhupalpally-506169

Women empowerment



# **Syllabus of Human Values & Professional Ethics which was earlier taught in Degree I Year**

## **A Foundation Course In Human Values & Professional Ethics Syllabus for I Year Degree Course**

### **Module 1: Course Introduction - Need, Basic Guidelines, Content and Process for Value Education**

1. Understanding the need, basic guidelines, content and process for Value Education
2. Self Exploration-what is it? - its content and process; 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration
3. Continuous Happiness and Prosperity- A look at basic Human Aspirations
4. Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with their correct priority
5. Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario
6. Method to fulfill the above human aspirations: understanding and living in harmony at various levels

### **Module 2: Understanding Harmony in the Human Being - Harmony in Myself!**

7. Understanding human being as a co-existence of the sentient 'I' and the material 'Body'
8. Understanding the needs of Self ('I') and 'Body' - Sukh and Suvidha
9. Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer)
10. Understanding the characteristics and activities of 'I' and harmony in 'I'
11. Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs, meaning of Prosperity in detail
12. Programs to ensure Sanyam and Swasthya  
- Practice Exercises and Case Studies will be taken up in Practice Sessions.

### **Module 3: Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship**

13. Understanding harmony in the Family- the basic unit of human interaction
14. Understanding values in human-human relationship; meaning of Nyaya and program for its fulfillment to ensure Ubhay-tripti;  
Trust (Vishwas) and Respect (Samman) as the foundational values of relationship

**Text Book**

R R Gaur, R Sangal, G P Bagaria, 2009, *A Foundation Course in Value Education.(English)*

Pradeep Kumar Ramancharla, 2013, *A Foundation Course in Value Education (Telugu)*

R R Gaur, R Sangal, G P Bagaria, 2009, *Teacher's Manual.(English)*

Pradeep Kumar Ramancharla, 2013, *Teacher's Manual.(Telugu)*

**Reference Books**

1. Ivan Illich, 1974, *Energy & Equity*, The Trinity Press, Worcester, and HarperCollins, USA
2. E.F. Schumacher, 1973, *Small is Beautiful: a study of economics as if people mattered*, Blond & Briggs, Britain.
3. A Nagraj, 1998, *Jeevan Vidya ek Parichay*, Divya Path Sansthan, Amarkantak.
4. R.Pradeep Kumar, 2013, *Jeevana Vidya to Na Prayanam*, Hyderabad
5. Sussan George, 1976, *How the Other Half Dies*, Penguin Press. Reprinted 1986, 1991
6. PL Dhar, RR Gaur, 1990, *Science and Humanism*, Commonwealth Purblishers.
7. A.N. Tripathy, 2003, *Human Values*, New Age International Publishers.
8. Subhas Palekar, 2000, *How to practice Natural Farming*, Pracheen(Vaidik) Krishi Tantra Shodh, Amravati.
9. Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens III, 1972, *Limits to Growth – Club of Rome's report*, Universe Books.
10. E G Seebauer & Robert L. Berry, 2000, *Fundamentals of Ethics for Scientists & Engineers*, Oxford University Press
11. M Govindrajran, S Natrajan & V.S. Senthil Kumar, *Engineering Ethics (including Human Values)*, Eastern Economy Edition, Prentice Hall of India Ltd.
12. B P Banerjee, 2005, *Foundations of Ethics and Management*, Excel Books.
13. B L Bajpai, 2004, *Indian Ethos and Modern Management*, New Royal Book Co., Lucknow. Reprinted 2008.

**Relevant CDs, Movies, Documentaries & Other Literature:**

1. Value Education website, <http://www.uptu.ac.in>
2. Story of Stuff, <http://www.storyofstuff.com>
3. Al Gore, *An Inconvenient Truth*, Paramount Classics, USA
4. Charlie Chaplin, *Modern Times*, United Artists, USA
5. IIT Delhi, *Modern Technology – the Untold Story*

# **Syllabus of Human Values & Professional Ethics which was earlier taught in Degree II Year**

## **A Foundation Course In Human Values & Professional Ethics**

### **Syllabus for II Year Degree Course**

#### **Module 3: Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship**

1. Understanding the meaning of Vishwas; Difference between intention and competence
2. Understanding the meaning of Samman, Difference between respect and differentiation; the other salient values in relationship
3. Understanding the harmony in the society (society being an extension of family):  
Samadhan, Samridhi, Abhay, Sah-astitva as comprehensive Human Goals
4. Visualizing a universal harmonious order in society- Undivided Society (Akhand Samaj), Universal Order (Sarvabhaum Vyawastha )- from family to world family!  
- Practice Exercises and Case Studies will be taken up in Practice Sessions.

#### **Module 4: Understanding Harmony in the Nature and Existence - Whole existence as Co-existence**

5. Understanding the harmony in the Nature
6. Interconnectedness and mutual fulfillment among the four orders of nature- recyclability and self-regulation in nature
7. Understanding Existence as Co-existence (Sah-astitva) of mutually interacting units in all-pervasive space
8. Holistic perception of harmony at all levels of existence  
- Practice Exercises and Case Studies will be taken up in Practice Sessions.

#### **Module 5: Implications of the above Holistic Understanding of Harmony on Professional Ethics**

9. Natural acceptance of human values
10. Definitiveness of Ethical Human Conduct
11. Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order
12. Competence in professional ethics:
  - a) Ability to utilize the professional competence for augmenting universal human order,



- b) Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems,
  - c) Ability to identify and develop appropriate technologies and management patterns for above production systems.
13. Case studies of typical holistic technologies, management models and production systems
14. Strategy for transition from the present state to Universal Human Order:
- a) At the level of individual: as socially and ecologically responsible engineers, technologists and managers
  - b) At the level of society: as mutually enriching institutions and organizations

#### **Text Book**

- R R Gaur, R Sangal, G P Bagaria, 2009, *A Foundation Course in Value Education.(English)*  
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4. Charlie Chaplin, *Modern Times*, United Artists, USA
5. IIT Delhi, *Modern Technology – the Untold Story*

**Semester wise inclusion of subjects on Environment Studies,  
Gender Sensitization and other related issues as  
prescribed by Kakatiya University**

PDF Compressor Free Version

**KAKATIYA UNIVERSITY WARANGAL 506 009**

**Scheme for under Choice Based Credit System**

**With Effect from the Academic Year 2016-2019**

**PDF Compressor Free Version B.A. PROGRAMME**

<b>FIRST YEAR - SEMESTER - I</b>							
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
<b>FIRST YEAR - SEMESTER - II</b>							
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
<b>SECOND YEAR - SEMESTER - III</b>							
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
<b>SECOND YEAR - SEMESTER - IV</b>							
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 Elective;				
GE: Generic Elective							

## 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

## 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 Elective;

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. 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**

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



## 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

## 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 Elective;

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.
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Producers, Consumers, Decomposers,  
Food chains, Food webs, Ecological pyramids)
3. Function of an Ecosystem :Energy flow in the Ecosystem ( Single channel energy flow model )
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5. Renewable & Non-renewable resources, Brief account of Forest , Mineral & Energy (Solar Energy & Geothermal Energy) resources
6. Water Conservation, Rain water harvesting & Watershed management.

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

**FIRST YEAR**

**SEMESTER - I**

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

**SEMESTER - II**

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

AECC: Ability Enhancement Compulsory Course;

SEC: Skill Enhancement Course;

DSC: Discipline Specific Course;

DSE: Discipline Specific Elective;

GE: Generic Elective;

**KAKATIYA UNIVERSITY WARANGAL 506 009**  
**Scheme for under Choice Based Credit System**  
**With Effect from the Academic Year 2016-2019**  
**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 Elective;

**GE:** Generic Elective;

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

**KAKATIYA UNIVERSITY WARANGAL 506 009**  
**Scheme for under Choice Based Credit System**  
**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.Com under CBCS pattern w.e.f. Academic year 2019-20**

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

# **B.Com.**

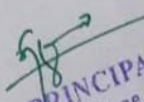
## **(Computer Applications)**

### **(CBCS)**



**FACULTY OF COMMERCE & BUSINESS MANAGEMENT**  
**KAKATIYA UNIVERSITY**  
**Vidyaranyapuri, Warangal**

**2019-2020**

  
**PRINCIPAL**  
Govt. Degree College, Bhupalpally  
Dist: Jayashankar Bhupalpally-506169



## B.COM (Computer Applications)

### CBCS COURSE STRUCTURE

Sl.No.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
<b>I Year I Semester</b>						
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
		<b>Total</b>	<b>27</b>	<b>25</b>		
<b>I Year II Semester</b>						
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
		<b>Total</b>	<b>27</b>	<b>25</b>		
<b>II Year I Semester</b>						
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
		<b>Total</b>	<b>27</b>	<b>25</b>		

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

<b>II Year II Semester</b>						
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
		<b>Total</b>	<b>27</b>	<b>25</b>		
<b>III Year I Semester</b>						
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
		<b>Total</b>	<b>29/27</b>	<b>25</b>		
<b>III Year II Semester</b>						
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
		<b>Total</b>	<b>31/29</b>	<b>25</b>		
		<b>GRAND TOTAL</b>	<b>168/164</b>	<b>150</b>		

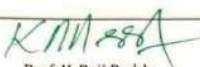
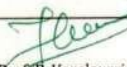

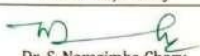
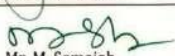
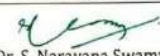

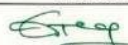
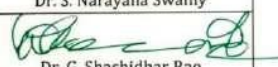
**ELS:** English Language Skill; **SLS:** Second Language Skill; **AEC:** Ability Enhancement Compulsory Course; **SEC:** Skill Enhancement Course; **DSC:** Discipline Specific Course; **DSE:** Discipline Specific Elective; **GE:** Generic Elective; **T:** Theory; **P:** Practical; **I:** Internal Exam **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
	<b>TOTAL</b>	<b>40</b>		<b>150</b>
	<b>Commerce</b>	<b>24</b>		<b>106</b>
<b>CREDITS UNDER NON-CGPA</b>		<b>NSS/NCC/Sports/ Extra Curricular</b>	<b>Up to 6 (2 in each year)</b>	
		<b>Summer Internship</b>	<b>Up to 4 (2 in each after I &amp; II years)</b>	

 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 w.e.f. A.Y: 2019-20**

### FIRST YEAR

#### SEMESTER - I

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**

SEMESTER - III		Title of the Paper	No. of Credits	Hrs PW	Max. Marks			Total Marks
Code	Course category				Interna I 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**

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**

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 Elective;  
**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;



**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

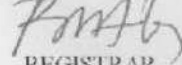
Sub- CHOICE BASED CREDIT SYSTEM (C.B.C.S.) - Teaching of Gender  
Sensitization subject by qualified P.G. Gender Studies candidates -  
Instructions - Regarding.

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.

-000-

  
**PRINCIPAL**  
Govt. Degree College, Bhupalpatil,  
Dist: Jayashankar Bhupalpatil-505169

**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

**UNIT - I : Ecosystem, Biodiversity & Natural Resources**

(15)

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 & Multiple channel energy flow)
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)

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

Dr. G. SHAMITHA  
 Chairperson  
 Board of Studies  
 Department of Zoology & Senculture Unit  
 KAKATIYA UNIVERSITY - WGL-506009 (T.S)

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