# 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 | Internal Exam | End Exam | Lab | Total Marks |
|------|-----------------|--------------------|----------------|--------|---------------|----------|-----|-------------|
| | | | | | **Max. Marks** | | | |
| 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 | Internal Exam | End Exam | Lab | Total Marks |
|------|-----------------|--------------------|----------------|--------|---------------|----------|-----|-------------|
| | | | | | **Max. Marks** | | | |
| BS201 | AECC-2 | **Basic Computer Skills (Taught by: Computer Science)** | 2 | 2 | 10 | 40 | - | 50 |
| BS202 | FL-1B | **English** | 4 | 4 | 20 | 80 | - | 100 |
| BS203 | SL-2B | **Second Language** | 4 | 4 | 20 | 80 | - | 100 |
| 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-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** | **440** | **75** | **675** |

# 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 | Internal Exam | End Exam | Lab | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | | | | **Max. Marks** | | | |
| 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 | Internal Exam | End Exam | Lab | Total Marks |
|---|---|---|---|---|---|---|---|---|
| | | | | | **Max. Marks** | | | |
| 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** |