



VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY
Jnanasagara campus, Vinayakanagara, Cantonment, Bellary.-583105

**VSKUB SEP Curriculum and Credits Structure for Undergraduate Programme under Choice Based Credit System [CBCS]
Scheme for the Three Years B.C.A. Programme with effect from 2024-25 (Mono Specialization)**

| FIRST YEAR; SEMESTER-I | | | | | | | | | | | |
|-------------------------------|-----------------------|-------------|---|-------|-----|-------|---------------------|---|---|--------|-------------------------|
| Category | Department | Course code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
| | | | | IA | SEE | Total | L | T | P | | |
| Languages | Kannada | 24BCLGKA1L | ವಿಜ್ಞಾನ ಸೌರಭ | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | | 24LGFUNK1L | All UG ಅನ್ಯ ಭಾಷಾ ವಿದ್ಯಾರ್ಥಿಗಳ ಕಲಿಕಾ ಭಾಷಾ ಪಠ್ಯ (ಕನ್ನಡ ಕಲಿ) | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | English | 24BCLGEN1L | Basic English | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Hindi | 24BCLGHN1L | Gadya Saurabh Aur Anuvad | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Telugu | 24BCLGTL1L | Telugu | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Sanskrit | 24BCLGSN1L | Sanskrit | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Urdu | 24BCLGUR1L | Prose, Poetry, Grammar & Letter Writing | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Foreign Language | 24BCLGFR1L | French | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| Mono Specialization | BCA | 24MJBCA1L1 | Programming in C | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| | BCA | 24MJBCA1P1 | C Programming Lab | 10 | 40 | 50 | - | - | 2 | 2 | 3 |
| | BCA | 24MJBCA1L2 | Digital Logic & Computer Design | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| | BCA | 24MJBCA1P2 | Digital Logic Lab | 10 | 40 | 50 | - | - | 2 | 2 | 3 |
| | BCA | 24MJBCA1M3 | Mathematics | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| | BCA | 24MJBCA1A3 | Accountancy | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| Compulsory | Constitutional Values | 24CVCOMM1L | Constitutional Values | 10 | 40 | 50 | 3 | - | - | 2 | 1.5 |
| Skill Course | - | - | - | - | - | - | - | - | - | - | - |

Total Credits: 24

*** Note: The students who have studied Mathematics at PUC or Diploma have to opt Accountancy and who have studied Accountancy at PUC and ITI students have to opt Mathematics.**

FIRST YEAR; SEMESTER-II

| Category | Department | Course code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
|--------------------------|-----------------------|-------------|---|-------|-----|-------|---------------------|---|---|--------|-------------------------|
| | | | | IA | SEE | Total | L | T | P | | |
| Languages | Kannada | 24BCLGKA2L | ಕಾದಂಬರಿ ಮತ್ತು ನಾಟಕ ಸಾಹಿತ್ಯ | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | | 24LGFUNK2L | All UG ಅನ್ಯ ಭಾಷಾ ವಿದ್ಯಾರ್ಥಿಗಳ ಕಲಿಕಾ ಭಾಷಾ ಪಠ್ಯ (ಕನ್ನಡ ಕಲೆ) | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | English | 24BCLGEN2L | Basic English | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Hindi | 24BCLGHN2L | Sahitya Sama (Ekanki) Aur Sarakari Patrachar | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Telugu | 24BCLGTL2L | Telugu | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Sanskrit | 24BCLGSN2L | Sanskrit | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Urdu | 24BCLGUR2L | Prose, Poetry, Grammar & Essay Writing | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| | Foreign Language | 24BCLGFR2L | French | 20 | 80 | 100 | 4 | - | - | 3 | 3 |
| Mono Specialization | BCA | 24MJBCA2L1 | Data Structures using C | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| | BCA | 24MJBCA2P1 | Data Structures Lab | 10 | 40 | 50 | - | - | 2 | 2 | 3 |
| | BCA | 24MJBCA2L2 | OOPs with C++ | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| | BCA | 24MJBCA2P2 | OOPs with C++ Lab | 10 | 40 | 50 | - | - | 2 | 2 | 3 |
| | BCA | 24MJBCA2L3 | Discrete Mathematical Structures | 20 | 80 | 100 | 4 | - | - | 4 | 3 |
| Compulsory | Environmental Science | 24ESCOMM2L | Environmental Science | 10 | 40 | 50 | 3 | - | - | 2 | 1.5 |
| Skill Course | - | - | - | - | - | - | - | - | - | - | - |
| Total Credits: 24 | | | | | | | | | | | |