



# VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY

Jnanasagara campus, Vinayakanagara, Cantonment, Bellary.-583105

Web: www.vskub.ac.in, Email: drbsbenni@vskub.ac.in, Phone : 08392-242703 and Fax: 08392-242806



## VSKUB Curricular and Credits Structure under Choice Based Credit System [CBCS] of One Major & One Minor Discipline Scheme for the Four Years Multidisciplinary B.Sc. Undergraduate Honors Program with effect from 2021-22

<b>FIRST YEAR; SEMESTER-1: B.Sc. Subjects Curricular and Credits Structure with Practical</b>											
<b>Objective: Understanding, Exploration &amp; Ability to Solve Well Defined Problems</b>											
Category	Teaching Department	Course code	Title of the Paper	Marks			Teaching hours/week			Credit	Duration of exam (Hrs)
				IA	SEE	Total	L	T	P		
L1	Kannada		ಕನ್ನಡ	40	60	100	3	1	-	3	3
L2	English		English	40	60	100	3	1	-	3	3
	Hindi		Hindi	40	60	100	3	1	-	3	3
	Telugu		Telugu	40	60	100	3	1	-	3	3
	Sanskrit		Sanskrit	40	60	100	3	1	-	3	3
	Urdu		Urdu	40	60	100	3	1	-	3	3
	Foreign language		French	40	60	100	3	1	-	3	3
	Choose any <b>ONE</b> Course from <b>L2</b> group list										
DSC1	Biotechnology		Cell biology and Genetics	40	60	100	4	-	-	4	3
			Cell biology and Genetics Lab	25	25	50	-	-	4	2	3
	Botany		Microbial diversity	40	60	100	4	-	-	4	3
			Microbial diversity Lab	25	25	50	-	-	4	2	3
	Chemistry		Fundamentals of Chemistry	40	60	100	4	-	-	4	3
			Basic experiments in Chemistry	25	25	50	-	-	4	2	3
	Computer Science		Computer Fundamentals and Programming in C	40	60	100	4	-	-	4	3
		C Programming Lab	25	25	50	-	-	4	2	3	



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	Electronics		Basic Electronics	40	60	100	4	-	-	4	3
			Basic Electronics Lab	25	25	50	-	-	4	2	3
	Mathematics		Fundamentals of Algebra and Calculus	40	60	100	4	-	-	4	3
			Algebra and Calculus Lab	25	25	50	-	-	4	2	3
	Microbiology		Fundamentals of Microbiology	40	60	100	4	-	-	4	3
			Fundamentals of Microbiology Lab	25	25	50	-	-	4	2	3
	Physics		Mechanics and Properties of Matter	40	60	100	4	-	-	4	3
			Mechanics and Properties of Matter Lab	25	25	50	-	-	4	2	3
	Zoology		Cytology, Genetics and Infectious Diseases	40	60	100	4	-	-	4	3
			Cell Biology and Genetics Lab	25	25	50	-	-	4	2	3
Choose any <b>Two</b> Courses from TWO department in DSC1 group list											
SEC1	Com. Science/ such Competent Dept.		Digital Fluency	20	30	50	1	-	2	2	1
	Commerce / Management/such Competent Dept.		Financial Literacy	20	30	50	1	-	2	2	1
	Commerce / Economics/ Management/such Competent Dept		Banking and Finance	20	30	50	1	-	2	2	1
	English/ such Competent Dept		English for effective communication	20	30	50	1	-	2	2	1
	Zoology /such Competent Dept		Vermiculture	20	30	50	1	-	2	2	1
	Chemistry /such Competent Dept		Water Analysis	20	30	50	1	-	2	2	1
	Choose any <b>ONE</b> Course from <b>SEC1</b> group list										



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VBC1	Physical Education		Physical Education for fitness	50	-	-	-	-	2	1	-
VBC2	Physical Education		Health & Wellness	50	-	-	-	-	2	1	-
OEC1	English		Gender Studies	40	60	100	3			3	3
	Economics		Basics of Indian Economy	40	60	100	3	-	-	3	3
	Education		Value Education	40	60	100	3	-	-	3	3
	History and Archaeology		Cultural History of Karnataka (BCE 3- BCE 10)	40	60	100	3			3	3
	Political Science		Human Rights	40	60	100	3			3	3
	Sociology		Indian Society: Continuity and Change	40	60	100	3			3	3
	Journalism		Photo Journalism	40	60	100	3			3	3
	Biotechnology		Biotechnology for Human Welfare	40	60	100	3	-	-	3	3
	Botany		Plants for human welfare	40	60	100	3	-	-	3	3
	Chemistry		Chemistry in Daily Life	40	60	100	3	-	-	3	3
	Computer Science		C Programming Concepts	40	60	100	3	-	-	3	3
	Electronics		Fundamentals of Electronics	40	60	100	3	-	-	3	3
Mathematics		Business Mathematics	40	60	100	3	-	-	3	3	
Microbiology		Microbes in waste to wealth	40	60	100	3	-	-	3	3	



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	Physics		Optical Physics	40	60	100	3	-	-	3	3
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Zoology		Economic Zoology	40	60	100	3	-	-	3	3
Commerce		Basics of Accounting	40	60	100	3			3	3
Management		Foundation Coursing Office management	40	60	100	3			3	3
Social Work		Fields of Social Work Practice	40	60	100	3			3	3
Choose any <b>ONE</b> Course from <b>OEC1</b> group list										
<b>Semester Credits</b>									<b>25</b>	

## Concept Note, Abbreviation Explanation and Coding:

### Concept Note:

- CBCS is a mode of learning in higher education which facilitates a student to have some freedom in selecting his/her own choices, across various disciplines for completing a UG/PG program.
- A credit is a unit of study of a fixed duration. For the purpose of computation of workload as per UGC norms the following is mechanism be adopted in the university:  
One credit (01) = One Theory Lecture (L) period of one (1) hour;  
One credit (01) = One Tutorial (T) period of one (1) hour;  
One credit (01) = One practical (P) period of two (2) hours.
- Course: paper/subject associated with AECC, DSC, DSEC, SEC, VBC, OEC, VC, IC and MIL
- In case of B.Sc, **once a candidate chose two courses/subjects of a particular two department in the beginning and then approved, he/she shall continue the same till the end of the degree, then there is no provision to change the course(s) and department(s).**



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5. A candidate shall chose **one of the department's course as major and other department course as minor in fifth and sixth semester and major course get continued in higher semester.**
6. In case of OEC, **a candidate is not allowed to choose course/subject of home departments (Two DSCs).**
7. Wherever there is a practical there will be no tutorial and vice-versa
8. A major subject is the subject that's the main focus of Core degree/concerned.
9. A minor is a secondary choice of subject that complements core major/concerned.
10. Vocational course is a course that enables individual to acquire skills set that are required for a particular job.

## Abbreviation Explanations:

1. L1: Language One
2. L2: Language Two
3. AECC: Ability Enhancement Compulsory Course;
4. DSC: Discipline Specific Core Course;
5. DSEC: Discipline Specific Elective Course;
6. SEC: Skill Enhancement Course;
7. VBC: Value Based Course;
8. OEC: Open/Generic Elective Course
9. VC: Vocational Course;
10. LTP= L=Lecture; T= Tutorial; P=Practical;
11. MIL= Modern Indian Language;



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12. FK= Functional Kannada

## Program Coding:

1. Code 21: Year of Implementation
2. Code BSC: B.Sc Program under the Faculty of Science of the university
3. Code 1: First Semester of the Program, (2 to 6 represent higher semesters)
4. Code L: Language , (A: AECC, C for DSC, S for SEC, V for VBC and O for OEC)
5. Code 1: First time of that course type [L, AECC, C for DSC, S for SEC, V for VBC and O for OEC] in semester, similarly in reaming semester for such other courses
6. Code LK: Language Kannada, similarly Language English, Language Hindi, Language Telugu, Language Sanskrit, & Urdu
7. Code 1: Course in that semester.