



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

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



**VSKUB Curricular and Credits Structure under Choice Based Credit System [CBCS] for the Four Years  
Multidisciplinary Bachelor of Computer Application Undergraduate Honors Program with effect from  
2021-22**

<b>SECOND YEAR: SEMESTER-4: BCA 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 exams (Hrs)
				IA	SEE	Total	L	T	P		
L1	Kannada	21BSC4L1LK4	Kannada	40	60	100	3	1	-	3	2
		21L1FK4	Functional Kannada	40	60	100	3	1	-	3	2
&	English	21BSC4L2LE4	English	40	60	100	3	1	-	3	2
	Hindi	21BSC4L2LH4	Hindi	40	60	100	3	1	-	3	2
L2	Telugu	21BSC4L2LT4	Telugu	40	60	100	3	1	-	3	2
	Sanskrit	21BSC4L2LS4	Sanskrit	40	60	100	3	1	-	3	2
	Urdu	21BSC4L2LU4	Urdu	40	60	100	3	1	-	3	2
	Foreign language	21FL4L2LF4	French	40	60	100	3	1	-	3	2
	<b>Choose any TWO Courses from the above group list</b>										
DSC10	Computer Science	21BCA4C10PPL	Python Programming	40	60	100	3	-	-	3	2
		21BCA4C10PPP	Python Programming Lab	25	25	50	-	-	4	2	2
DSC11	Computer Science	21BCA4C11CAL	Computer Multimedia & Animation	40	60	100	3	-	-	3	2
		21BCA4C11CAP	Multimedia & Animation Lab	25	25	50	-	-	4	2	3
DSC12	Computer Science	21BCA4C12OSL	Operating System Concepts	40	60	100	3	-	-	3	2



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SEC2	Commerce/ Such competent Dept.	21S2FE	Financial Education and Investment Awareness	20	30	50	1	-	2	2	1	
VBC4	Physical Education	21V4PE4	Sports/NCC/NSS/R&R(S&G)/ Cultural	50	-	50	-	-	4	2	-	
OEC	Kannada	21BAOEKN	ಕಾವ್ಯ ಸ್ವರೂಪ ಮತ್ತು ಸರಳ ಛಂದಸ್ಸು	40	60	100	3	-	-	3	2	
	Hindi	21BAOEHI	Kavya Vatika	40	60	100	3	-	-	3	2	
	English	21BAOEEN	English for Competitive Exams	40	60	100	3	-	-	3	2	
	Economics	21BAOEEC	Karnataka Economy	40	60	100	3	-	-	3	2	
	Education	21BAOEED	Life Skills in Education	40	60	100	3	-	-	3	2	
	History and Archaeology	21BAOEHA	Freedom Movement in India (1885-1947)	40	60	100	3	-	-	3	2	
	Physical Education	21BAOEPE	Health and Safety Education	40	60	100	2	-	2	3	2	
	Political Science	21BAOEPS	Understanding Gandhi	40	60	100	3	-	-	3	2	
	Sociology	21BAOESO	Sociology of Tourism and Management	40	60	100	3	-	-	3	2	
	Journalism	21BAOEJC	Translation for Media	40	60	100	3	-	-	3	2	
	Biotechnology	21BSCOEBT	Nutrition and Health	40	60	100	3	-	-	3	2	
	Botany	21BSCOEBO	Mushroom Cultivation	40	60	100	3	-	-	3	2	
	Chemistry	21BSCOECH	Agro Chemistry	40	60	100	3	-	-	3	2	
	Computer Science	21BSCO ECS	Electronic Commerce	40	60	100	3	-	-	3	2	
	Electronics	21BSCO EEL	Energy Devices and Sensors	40	60	100	3	-	-	3	2	
	Mathematics	21BSCO EMA	Mathematics for Social Sciences	40	60	100	3	-	-	3	2	
	Physics	21BSCO EPH	Space Missions	40	60	100	3	-	-	3	2	
Zoology	21BSCO EZO	Animal Behaviour	40	60	100	3	-	-	3	2		
Commerce	21BCOMOECO	Entrepreneurship Skills	40	60	100	3	-	-	3	2		
Management	21BB AO EMM	Tourism & Travel Management	40	60	100	3	-	-	3	2		
				<b>Semester Credits</b>								<b>26</b>



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ಇತ್ತೀಚೆಗೆ «ಸೀಟಿ» ಉಚಿತವಾಗಿ ಪರಿಷ್ಕರಿಸಿದ ಉಪನ್ಯಾಸಗಳನ್ನು ಈ ಪುಸ್ತಕದಲ್ಲಿ ನೀಡಲಾಗಿದೆ. ಇವುಗಳನ್ನು ಓದಿ ಮತ್ತು ಅರ್ಜಿಗಳನ್ನು ಸಲ್ಲಿಸಿ.

## Concept Note, Abbreviation Explanation and Coding:

### Concept Note:

1. 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.
2. 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.
3. Course: paper/subject associated with AECC, DSC, DSEC, SEC, VBC, OEC, VC, IC and MIL
4. In case of OEC, **a candidate is not allowed to choose course/subject of home departments (DSCs).**
5. Wherever there is a practical there will be no tutorial and vice-versa
6. 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;



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5. SEC: Skill Enhancement Course;
6. VBC: Value Based Course;
7. OEC: Open/Generic Elective Course
8. VC: Vocational Course;
9. LTP= L=Lecture; T= Tutorial; P=Practical;
10. FK= Functional Kannada

## Program Coding:

1. Code 21: Year of Implementation.
2. Code BCA: BCA Program under the Faculty of Science of the university.
3. Code 3: Third 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 remaining semester for such other courses.
6. Code LK: Language Kannada, similarly Language English, Language Hindi, Language Telugu, Language Sanskrit, & Urdu.
7. Code 3: Course in that semester.