



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] of One Major & One Minor Discipline Scheme for the Four Years Multidisciplinary B.Sc. Undergraduate Honors Program with effect from 2021-22

SECOND YEAR: SEMESTER-4: B.Sc. Subjects Curricular and Credits Structure with Practical											
Objective: Understanding, Exploration & Ability to Solve Well Defined Problems											
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 & L2	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
	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
Choose any TWO Courses from the above group list											
DSC4	Biotechnology	21BSC4C4BTL	Molecular Biology	40	60	100	4	-	-	4	2
		21BSC4C4BTP	Molecular Biology Lab	25	25	50	-	-	4	2	3
	Botany	21BSC4C4BOL	Ecology and Conservation Biology	40	60	100	4	-	-	4	2
		21BSC4C4BOP	Ecology And Conservation Biology Lab	25	25	50	-	-	4	2	3
	Chemistry	21BSC4C4CHL	Inorganic and Physical Chemistry	40	60	100	4	-	-	4	2
		21BSC4C4CHP	Inorganic and Physical Chemistry Practicals	25	25	50	-	-	4	2	3
	Computer Science	21BSC4C4CSL	Database Management System	40	60	100	4	-	-	4	2
		21BSC4C4CSP	DBMS Lab	25	25	50	-	-	4	2	3



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	Electronics	21BSC4C4ELL	Digital Electronics and C-Programming	40	60	100	4	-	-	4	2
		21BSC4C4ELP	Digital Electronics and C-Programming Lab	25	25	50	-	-	4	2	3
	Mathematics	21BSC4C4MTL	Integral Transform & Partial Differential Equations	40	60	100	4	-	-	4	2
		21BSC4C4MTP	Practical on Integral Transform & Partial Differential Equations	25	25	50	-	-	4	2	3
	Microbiology	21BSC4C4MBL	Industrial Microbiology	40	60	100	4	-	-	4	2
		21BSC4C4MBP	Industrial microbiology Lab	25	25	50	-	-	4	2	3
	Physics	21BSC4C4PHL	Thermal Physics and Electronics	40	60	100	4	-	-	4	2
		21BSC4C4PHP	Thermal Physics and Electronics Lab	25	25	50	-	-	4	2	3
	Zoology	21BSC4C4ZOL	Gene Technology Immunology and Computational Biology	40	60	100	4	-	-	4	2
		21BSC4C4ZOP	Gene Technology Immunology and Computational Biology Lab	25	25	50	-	-	4	2	3
Choose Two Courses from any Two Departments in DSC3 Group List											
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	-



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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	21BSCOECS	Electronic Commerce	40	60	100	3	-	-	3	2	
	Electronics	21BSCOEEL	Energy Devices and Sensors	40	60	100	3	-	-	3	2	
	Mathematics	21BSCOEMA	Mathematics for Social Sciences	40	60	100	3	-	-	3	2	
	Physics	21BSCOEPH	Space Missions	40	60	100	3	-	-	3	2	
	Zoology	21BSCOEZO	Animal Behaviour	40	60	100	3	-	-	3	2	
Commerce	21BCOMOECO	Entrepreneurship Skills	40	60	100	3	-	-	3	2		
Management	21BBAOEMM	Tourism & Travel Management	40	60	100	3	-	-	3	2		
Chose any ONE Course from OEC group list												
				Semester Credits							25	

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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 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).
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.



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Abbreviation Explanations:

1. L1: Language One
2. L2: Language Two
3. AECC: Ability Enhancement Compulsory Course;
4. DSC: Discipline Specific Core Course;
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 BSC: B.Sc 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, & Language Urdu.
7. Code 3: Course in that semester



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