



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-3: 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	21BSC3L1LK3	Kannada	40	60	100	3	1	-	3	3
		21L1FK3	Functional Kannada	40	60	100	3	1	-	3	3
	English	21BSC3L2LE3	English	40	60	100	3	1	-	3	3
	Hindi	21BSC3L2LH3	Hindi	40	60	100	3	1	-	3	3
	Telugu	21BSC3L2LT3	Telugu	40	60	100	3	1	-	3	3
	Sanskrit	21BSC3L2LS3	Sanskrit	40	60	100	3	1	-	3	3
	Urdu	21BSC3L2LU3	Urdu	40	60	100	3	1	-	3	3
	Foreign language	21FL3L2LF3	French	40	60	100	3	1	-	3	3
Choose any TWO Courses from the above group list											
DSC3	Biotechnology	21BSC3C3BTL	Biomolecules	40	60	100	4	-	-	4	3
		21BSC3C3BTP	Biomolecules Lab	25	25	50	-	-	4	2	3
	Botany	21BSC3C3BOL	Plant Anatomy and Developmental Biology	40	60	100	4	-	-	4	3
		21BSC3C3BOP	Plant Anatomy and Development Biology Lab	25	25	50	-	-	4	2	3
	Chemistry	21BSC3C3CHL	Analytical and Organic Chemistry	40	60	100	4	-	-	4	3
		21BSC3C3CHP	Analytical and Organic Chemistry Lab	25	25	50	-	-	4	2	3
	Computer Science	21BSC3C3CSL	Object Oriented Programming Concepts and Programming in JAVA	40	60	100	4	-	-	4	3
		21BSC3C3CSP	JAVA Lab	25	25	50	-	-	4	2	3



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	Electronics	21BSC3C3ELL	Oscillations and OP-Amps	40	60	100	4	-	-	4	3
		21BSC3C3ELP	Oscillations and OP-Amps Lab	25	25	50	-	-	4	2	3
	Mathematics	21BSC3C3MTL	Ordinary Differential Equations & Real Analysis-I	40	60	100	4	-	-	4	3
		21BSC3C3MTP	Practical On Ordinary Differential Equations & Real Analysis – I	25	25	50	-	-	4	2	3
	Microbiology	21BSC3C3MBL	Microbial biochemistry, genetics and physiology	40	60	100	4	-	-	4	3
		21BSC3C3MBP	Microbial biochemistry, genetics and physiology Lab	25	25	50	-	-	4	2	3
	Physics	21BSC3C3PHL	Wave Motion and Optics	40	60	100	4	-	-	4	3
		21BSC3C3PHP	Wave Motion and Optics Lab	25	25	50	-	-	4	2	3
	Zoology	21BSC3C3ZOL	Molecular Biology, Bioinstrumentation & Techniques in Biology	40	60	100	4	-	-	4	3
		21BSC3C3ZOP	Molecular Biology, Bioinstrumentation & Techniques in Biology Lab	25	25	50	-	-	4	2	3
Choose Two Courses from any Two Departments in DSC3 Group List											
SEC2	Comp. Sci./ Such Competent Dept.	21S2AI	Artificial Intelligence	20	30	50	1	-	2	2	1
AECC2	Political Science/ suchCompetent Dept.	21AECC2IC	India and Indian Constitution	40	60	100	3	-	-	3	3
VBC3	Physical Education	21V3PE3	Sports/NCC/NSS/R&R(S&G)/ Cultural	50	-	50	-	-	4	2	-
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.

Abbreviation Explanations:



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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



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6. Code LK: Language Kannada, similarly Language English, Language Hindi, Sanskrit, & Urdu
7. Code 3: Course in that semester.

03.11.2022