



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

FIRST YEAR: SEMESTER-2: 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	Kannada	21BSC2L1LK2	ಕನ್ನಡ	40	60	100	3	1	-	3	3
		21L1FK2	Functional Kannada (Only for Non-Kannadigas)	40	60	100	3	1	-	3	3
L2	English	21BSC2L2LE2	English	40	60	100	3	1	-	3	3
	Hindi	21BSC2L2LH2	Hindi	40	60	100	3	1	-	3	3
	Telugu	21BSC2L2LT2	Telugu	40	60	100	3	1	-	3	3
	Sanskrit	21BSC2L2LS2	Sanskrit	40	60	100	3	1	-	3	3
	Urdu	21BSC2L2LU2	Urdu	40	60	100	3	1	-	3	3
	Foreign language	21FL2L2LF2	French	40	60	100	3	1	-	3	3
	Chose any TWO Course from the above group list										
DSC2	Biotechnology	21BSC2C2BTL	Microbiological Methods	40	60	100	4	-	-	4	3
		21BSC2C2BTP	Microbiological Methods Practical	25	25	50	-	-	4	2	3
	Botany	21BSC2C2BOL	Diversity of Non-Flowering Plants	40	60	100	4	-	-	4	3
		21BSC2C2BOP	Diversity of Non-Flowering Plants	25	25	50	-	-	4	2	3
	Chemistry	21BSC2C2CHL	Models and Concepts In Chemistry	40	60	100	4	-	-	4	3
		21BSC2C2CHP	Chemistry Practicals-II	25	25	50	-	-	4	2	3
	Computer Science	21BSC2C2CSL	Data Structures using C	40	60	100	4	-	-	4	3
		21BSC2C2CSP	Data Structures Lab	25	25	50	-	-	4	2	3

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	Electronics	21BSC2C2ELL	Electronic Circuits	40	60	100	4	-	-	4	3
		21BSC2C2ELP	Electronic Circuits Lab	25	25	50	-	-	4	2	3
	Mathematics	21BSC2C2MTL	Algebra and Calculus	40	60	100	4	-	-	4	3
		21BSC2C2MTP	Practical's on Fundamentals of Algebra and Calculus	25	25	50	-	-	4	2	3
	Physics	21BSC2C2PHL	Electricity and Magnetism	40	60	100	4	-	-	4	3
		21BSC2C2PHP	Electricity and Magnetism Lab	25	25	50	-	-	4	2	3
	Zoology	21BSC2C2ZOL	Biochemistry and Physiology	40	60	100	4	-	-	4	3
		21BSC2C2ZOP	Biochemistry and Physiology Lab	25	25	50	-	-	4	2	3
Choose Two Courses from any Two Departments in DSC1 Group List											
AECC	Chemistry/ Zoology/Botany/ Geology/ Such Competent Dept.	21AECCES1	Environmental Studies	40	60	100	3	-	-	3	3
VBC2	Physical Education	21V2PE1	Sports, NCC/NSS/R&R(S&G)/Cultural/Youth Red Cross	25	25	50	1	-	2	2	1
	Kannada	21BA2O2KN2	ಕನ್ನಡ ಭಾಷೆ ಮತ್ತು ಸಂವಹನ ಮಾಧ್ಯಮ	40	60	100	3	-	-	3	3
	Hindi	21BA2O2HI2	अनुवाद कौशल	40	60	100	3	-	-	3	3
	English	21BA2O2EN2	Functional English	40	60	100	3	-	-	3	3
	Economics	21BA2O2EC2	Business Environment	40	60	100	3	-	-	3	3
	Education	21BA2O2ED2	Psychological Perspectives of Education	40	60	100	3	-	-	3	3

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OEC2	History and Archaeology	21BA2O2HA2	Cultural History of Karnataka/ Manuscriptology	40	60	100	3	-	-	3	3
	Physical Education	21BA2O2PE2	Sports and Recreation	40	60	100	1	-	2	3	2
	Political Science	21BA2O2PS2	Indian Polity: Issues and Concerns	40	60	100	3	-	-	3	3
	Sociology	21BA2O2SO2	Social Development in India	40	60	100	3	-	-	3	3
	Journalism	21BA2O2JC2	Feature Writing and Freelancing	40	60	100	3	-	-	3	3
	Biotechnology	21BSC2O2BT2	Applications Of Biotechnology in Agriculture	40	60	100	3	-	-	3	3
	Botany	21BSC2O2BO2	Biofertilizers and Biopesticides	40	60	100	3	-	-	3	3
	Chemistry	21BSC2O2CH2	Molecules of Life	40	60	100	3	-	-	3	3
	Computer Science	21BSC2O2CS2	Web Designing	40	60	100	3	-	-	3	3
	Electronics	21BSC2O2EL2	Electronic Instruments and Measurements	40	60	100	3	-	-	3	3
	Mathematics	21BSC2O2MA2	Business Mathematics–II	40	60	100	3	-	-	3	3
	Microbiology	21BSC2O2MI2	Management of Human Diseases	40	60	100	3	-	-	3	3
	Physics	21BSC2O2PH2	Physics in Everyday Life	40	60	100	3	-	-	3	3

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Zoology	21BSC2O2ZO2	Parasitology	40	60	100	3	-	-	3	3
Commerce	21BCOM2O2CO2	Investing in Stock Markets	40	60	100	3	-	-	3	3
Management	21BBA2O2MN2	Retail Management	40	60	100	3	-	-	3	3
Social Work	21BSW2O2SW2	Social work Concerns for women and Child Development/Rehabilitation and after care service	40	60	100	3	-	-	3	3
Choose any ONE Course from OEC2 group list										
Semester Credits									25	

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 choose 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. 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

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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 remaining 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.

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