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

FIRST YEAR; SEMESTER-2: BCA Subjects Curricular and Credits Structure with Practical										
Objective: Understanding, Exploration & Ability to Solve Well Define Problems										
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 & L2	Kannada	21BSC2L1LK2	ಕನ್ನಡ	40	60	100	3	1	-	3	3
		21L1FK2	Functional Kannada (Only for Non-Kannadigas)	40	60	100	3	1	-	3	3
	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
	Choose any TWO Course from the above group list										
DSC4	Computer Science	21BCA2C4DSL	Data Structures Using C	40	60	100	3	-	-	3	3
		21BCA2C4DSP	Data Structures Lab	25	25	50	-	-	4	2	3
DSC5	Computer Science	21BCA2C5OJL	Object Oriented Concepts using Java	40	60	100	3	-	-	3	3
		21BCA2C5OJP	Java Lab	25	25	50	-	-	4	2	3
DSC6	Computer Science	21BCA2C6DML	Discrete Mathematics Structures	40	60	100	3	-	-	3	3
AECC	Chemistry/ Zoology/Botany/ Geology/ Such Competent Dept.	21AECCES1	Environmental Studies	20	30	50	2	-	-	2	1

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VBC3	Physical Education	21V3PE2	Sports	25	-	25	-	-	2	1	-
VBC4	CO-Ordinators (Concerned-Wing)	21V4CO2	NCC/NSS/R&R(S&G)/Cultural/Youth Red Cross	25	-	25	-	-	2	1	-
OEC2	Kannada	21BA2O2KN2	ಪತ್ರಿಕೆ ಮತ್ತು ಅನುವಾದ ಪರಿಕಲ್ಪನೆ	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
	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
	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

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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:

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;
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 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.