



# 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

### THIRD YEAR: SEMESTER-6: 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		
DSC 13 and 14	Biotechnology	21BSC6C13BTL	Medical Biotechnology	40	60	100	4	-	-	4	2
		21BSC6C14BTP	Medical Biotechnology Lab	25	25	50	-	-	4	2	3
	Botany	21BSC6C13BOTL	Cell Biology	40	60	100	4	-	-	4	2
		21BSC6C14BOTP	Cell Biology (Practical)	25	25	50	-	-	4	2	3
	Chemistry	21BSC6C13CHL	Advanced Inorganic and Physical Chemistry	40	60	100	4	-	-	4	2
		21BSC6C14CHP	Inorganic and Physical Chemistry Practical	25	25	50	-	-	4	2	3
	Computer Science	21BSC6C13CSL	Web Technologies	40	60	100	4	-	-	4	2
		21BSC6C14CSP	Web Technologies Lab – Java Script, HTMS, CSS Lab	25	25	50	-	-	4	2	3
	Electronics	21BSC6C13ELL	Television and Digital Communication System	40	60	100	4	-	-	4	2
		21BSC6C14 ELP	Television and Digital Communication System Lab	25	25	50	-	-	4	2	3
	Mathematics	21BSC6C13MAL	Linear Algebra	40	60	100	4	-	-	4	2
		21BSC6C14MAP	Practical's on Linear Algebra	25	25	50	-	-	4	2	3
	Microbiology	21BSC6C13MBL	Immunology and Medical Microbiology	40	60	100	4	-	-	4	2
		21BSC6C14MBP	Immunology and Medical Microbiology Lab	25	25	50	-	-	4	2	3
	Physics	21BSC6C13PHL	Elements of Condensed Matter and Nuclear Physics	40	60	100	4	-	-	4	2
		21BSC6C14 PHP	Elements of Condensed Matter and Nuclear Physics Lab	25	25	50	-	-	4	2	3



# VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY

Jnanasagara campus, Vinayakanagara, Cantonment, Bellary.-583105

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



	Zoology	21BSC6C13ZOL	Evolutionary and Developmental Biology (Theory)	40	60	100	4	-	-	4	2
		21BSC6C14ZOP	Evolutionary and Developmental Biology (Practical)	25	25	50	-	-	4	2	3
DSC15 and 16	Biotechnology	21BSC6C15BTL	Immunology	40	60	100	4	-	-	4	2
		21BSC6C16BTP	Immunology Lab	25	25	50	-	-	4	2	3
	Botany	21BSC6C15BOTL	Plant Physiology and plant Biochemistry	40	60	100	4	-	-	4	2
		21BSC6C16BOTP	Plant Physiology and plant Biochemistry	25	25	50	-	-	4	2	3
	Chemistry	21BSC6C15CHL	Advanced Organic Chemistry & Thermal methods	40	60	100	4	-	-	4	2
		21BSC6C16CHP	Organic Chemistry Practicals	25	25	50	-	-	4	2	3
	Computer Science	21BSC6C15CSL	Statistical Computing and R Programming	40	60	100	4	-	-	4	2
		21BSC6C16CSP	R Programming Lab	25	25	50	-	-	4	2	3
	Electronics	21BSC6C15ELL	Instrumentation and Microcontrollers	40	60	100	4	-	-	4	2
		21BSC6C16ELP	Instrumentation and Microcontrollers Lab	25	25	50	-	-	4	2	3
	Mathematics	21BSC6C15MAL	Numerical Analysis	40	60	100	4	-	-	4	2
		21BSC6C16MAP	Practical's on Numerical Analysis	25	25	50	-	-	4	2	3
	Microbiology	21BSC6C15MBL	Microbial Genetic Engineering	40	60	100	4	-	-	4	2
		21BSC6C16MBP	Microbial Genetic Engineering Lab	25	25	50	-	-	4	2	3
	Physics	21BSC6C15PHL	Electronics Instrumentation And Sensors	40	60	100	4	-	-	4	2
		21BSC6C16PHP	Electronics Instrumentation And Sensors Lab	25	25	50	-	-	4	2	3
Zoology	21BSC6C15ZOL	Environmental Biology, Wild life Management and Conservations (Theory)	40	60	100	4	-	-	4	2	
	21BSC6C16ZOP	Environmental Biology ,Wild life Management and Conservation (Practicals)	25	25	50	-	-	4	2	3	
SEC	All Science Departments	21BSC6INT/ 21BSC6PW	Internship/Project Work	50	-	50	-	-	-	2	2
<b>Semester Credits</b>										<b>26</b>	



## 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 BCOM: B.Com Program under the faculty of Business Studies of the university.
3. Code 3: Third Semester of the Program, (2 to 6 represent higher semesters).
4. Code A: AECC, (C for DSC, S for SEC, V for VBC and O for OEC).



# VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY

Jnanasagara campus, Vinayakanagara, Cantonment, Bellary.-583105

Web: [www.vskub.ac.in](http://www.vskub.ac.in), Phone : 08392-242703 and Fax: 08392-242806



5. Code 1: First "AECC" Course 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.