

### KANNUR UNIVERSITY

(Abstract)

Biotechnology programme under Choice Based Credit and Semester System (OBE)- Distribution of marks among complementary Elective Course Biochemistry and Microbiology - Modified Scheme-Implemented w.e.f 2019 admission - orders issued

### ACADEMIC C SECTION

### Acad/C2/13051/2019

Dated: 14.02.2020

Read:-

- 1. U.O No. Acad.C2/13051/2019/ dated 21/06/2019
- 2. U.O No. Acad/C2/12380/2019/i dated20/06/2019
- 3. U.O No. Acad.C2/12726/2019 dated 25/06/2019
- 4. U.O Note No. ESI/TR/2019-20 dated 30/01/2020
- 5. Letter received from Chairman BoS in Biotechnology dated 27/01/2020

### ORDER

- 1. As per paper read (1,2 &3) above the Scheme, Syllabus and Model Question papers of the B.Sc. Biotechnology, B.Sc. Biochemistry and B.Sc. Microbiology programme were implemented in affiliated colleges w.e.f 2019 admission.
- 2. In the Scheme of Biotechnology maximum marks for complementary course Biochemistry and Microbiology is 50 (40+10) where as in the syllabus of Biochemistry and Microbiology it is 40 (32+8).
- 3. As per paper read (4) above the Examination Branch requested to clarify the anomalies in the distribution of maximum marks for Complementary course (Biochemistry and Microbiology) in Biotechnology.
- 4. The Board of Studies in Biotechnology, vide paper read (5) above, recommended to modify the maximum marks of Complementary Elective course (Biochemistry and Microbiology) as 40 (32+8), and to distribute the 40 marks for complementary course Physics and Chemistry as 32 marks for theory (External Examination) and 8 marks for Continuous Evaluation.
- 5. The Vice Chancellor, after examining the matter in detail, and in exercise of the powers of the Academic Council as per section 11(1) of Chapter III Kannur University Act 1996 has accorded sanction to implement the aforesaid modifications detailed in para (4) in the Scheme and Syllabus of B.Sc. Biotechnology programme under CBCSS (OBE) with effect from 2019 admission, subject to reporting to the Academic Council.
- 6. The U O read as paper (1) above, stands modified to this extent.

Orders are issued accordingly.

# Sd/BALACHANDRAN V K DEPUTY REGISTRAR (ACAD) For REGISTRAR

To: 1.The Principals of Colleges of offering B.Sc. Biotechnology, B.Sc Biochemistry and

B.Sc.Microbiology

2. The Examination Branch (through PA to CE)

Copy To:1. The Chairman BoS in Biotechnology(Cd), Chemistry (UG) and Microbiology (Cd)

2. PS to VC/PA to PVC/PA to Registrar

3.DR/AR I Academic/ES I Section

4. The Computer Programmer (For uploading in the University Website)

5. SF/DF/FC

Forwarded/ By Order

SECTION OFFICER

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## KANNUR UNIVERSITY

# B. SC. BIOTECHCOLOGY PROGRAMME

## WORK AND CREDIT DISTRIBUTION STATEMENT

	Courses	Credit	Total
Common Courses	English	4+3+4+3	14
(including Ability	Additional language	4+4	8
Enhancement and Skill	General Awareness	4+4+4+4	16
Enhancement Courses)	Courses		5.0
Core Courses	Biotechnology		56
Complementary	Biochemistry	2+2+2+2+4	24
Elective Courses	Microbiology	2+2+2+2+4	
Generic Elective Courses		2	2
			120

Semester	Course Title*	Credits	Marks	Hours per week	Total Credits	Total Hours
I	COMMON ENGLISH COURSE 1	4	50	5		25
	COMMON ENGLISH COURSE II	3	50	4	1 1 1 18	
	ADDITIONAL LANGUAGE COURSE I	4	50	4	19	
	COMPLEMENTARY ELECTIVE COURSE:	2	40	4	19	
	BIOCHEMISTRY COURSE I			IN HISTORY	bigirki v	
	COMPLEMENTARY ELECTIVE COURSE:	2	40	4		* 195 5.6
	MICROBIOLOGY COURSE I					
	CORE COURSE I	4	50	4		
II	COMMON ENGLISH COURSE III	4	50	5		25
	COMMON ENGLISH COURSE IV	3	50	4	To The	
	ADDITIONAL LANGUAGE COURSE II	4	50	4	1	
	COMPLEMENTARY ELECTIVE COURSE:	2	40	4	19	
	BIOCHEMISTRY COURSE II					
	COMPLEMENTARY ELECTIVE COURSE:	2	40	4		
	MICROBIOLOGY COURSE II					
	CORE COURSE II	4	50	4		
III	GENERAL AWARENESS COURSE I	4	50	4		25
	GENERAL AWARENESS COURSE II	4	50	4	19	
	COMPLEMENTARY ELECTIVE COURSE:	2	40	3		
	BIOCHEMISTRY COURSE III					
	COMPLEMENTARY ELECTIVE COURSE:		**	2		
	BIOCHEMISTRY - PRACTICAL					
	COMPLEMENTARY ELECTIVE COURSE: 2 40 3		3			
	MICROBIOLOGY COURSE III				=	
	COMPLEMENTARY ELECTIVE COURSE:		**	2		
	MICROBIOLOGY - PRACTICAL					

	CORE COURSE III	3	50	3		
	CORE COURSE IV (PRACTICAL)	4	50	4		
IV	GENERAL AWARENESS COURSE III	4	50	4		
	GENERAL AWARENESS COURSE IV	4	50	4		25
	COMPLEMENTARY ELECTIVE COURSE:	2	40	3		
	BIOCHEMISTRY COURSE IV				27	23
	COMPLEMENTARY ELECTIVE COURSE:	4	40	2		
	BIOCHEMISTRY- PRACTICAL					
	COMPLEMENTARY ELECTIVE COURSE:	2	40	3		
	MICROBIOLOGY COURSE IV					
	COMPLEMENTARY ELECTIVE COURSE:	4	40	2		
	MICROBIOLOGY- PRACTICAL					
	CORE COURSE V	3	50	3		
	CORE COURSE VI (PRACTICAL)	4	50	4		
V	CORE COURSE VII	3	50	5		25
	CORE COURSE VIII	3	50	4		
	CORE COURSE IX	3	50	5		
	CORE COURSE X	3	50	4	18	23
	CORE COURSE XI (PRACTICAL)	4	50	5		
	GENERIC ELECTIVE COURSE	2	25	2		
VI	CORE COURSE XII	3	50	4		25
	CORE COURSE XIII	3	50	4	18	
	CORE COURSE XIV	3	50	4		
	CORE COURSE XV	3	50	4		
	CORE COURSE XVI (PRACTICAL)	4	50	5		
	CORE COURSE XVII (PROJECT)	2	50	4		
	Total					150

\*\* Complementary elective course practical examinations may be conducted at the end of 4<sup>th</sup> semester

First Complementary Elective: BIOCHEMISTRY

Second Complementary Elective: MICROBIOLOGY

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