

(Abstract)

Bachelor of Computer Application (UG) programme under Choice Based Credit and Semester System (OBE)- updated Scheme and Syllabus- Implemented w.e.f 2019 admission - approved- orders issued

ACADEMIC C SECTION

Acad/C2/12371/2019

Dated: 11.06.2020

Read:-1. U.O No. Acad.C2/12371/2019/i dated 21/06/2019

2. Letter dated 03.03.2020 from the Chairman, BoS in Computer Science (UG)
3. The Minutes of the meeting of Board of Studies in Computer Science (UG), held on 13.03.2020
4. E-mail received from the Chairman, BoS in Computer Science,(UG), dated 27/05/2020

ORDER

1. As per paper read (1) above, the Scheme and Syllabus and Model Question papers of the Bachelor of Computer Application (BCA) programme was implemented in affiliated colleges w.e.f 2019 admission.

2. Thereafter,the Chairman, Board of Studies in Computer Science(UG) vide paper read (2) requested to convene a meeting of the Board of Studies in Computer Science (UG) to incorporate some modifications in the BCA Syllabus, based on the suggestions and recommendations received from the experts in the field of IT and Academics.

3. Subsequently,the meeting of Board of Studies in Computer Science (UG) held on 13.03.2020, recommended to update the existing syllabus of the Bachelor of Computer Application (BCA) 2019 admission, vide paper read (3) above and the Chairman submitted the updated Syllabus of the BCA programme(2019 admission onwards),vide the paper read(4) above,as recommended by the Board of Studies.

4. The Following modifications were recommended by the Board of studies in Computer Science (UG) in the BCA Syllabus.

- (i) To include '**Generic Elective: Open**' in the Introduction
- (ii) Updated the following syllabus

- **2B05BCA (Lab II: Programming in C++)**
- **3A12BCA (Data structure)**
- **4A14BCA (Discrete Mathematical Structures)**
- **4A15BCA (Lab III: Data Structure and DBMS)**
- **4B11BCA (Lab IV: Java Programming, shell programming & Linux Administration)**
- **5D03BCA (Database Management System)**

- (iii) The Core Course VIII- 4B08 BCA Operating System changed to **4B08BCA Software Engineering** and update the syllabus
- (iv) The Core Course XII- 5B12BCA Software Engineering changed to **5B12BCA Operating System** and also updated the syllabus.

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) Chapter III of Kannur University Act 1996 has accorded sanction **to implement the aforesaid modifications as detailed in para(4), in the Scheme and Syllabus of the BCA(Bachelor of Computer Application) programme under CBCSS (OBE) with effect from 2019 admission**, subject to reporting before the Academic Council.

6. The U O read vide 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 Bachelor of Computer Application BCA) programme.
2.The Examination Branch (through the PA to CE)

Copy To: 1. The Chairman BoS in Computer Science(UG)
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







KANNUR UNIVERSITY

BOARD OF STUDIES-COMPUTER SCIENCE (UG)

***SYLLABUS FOR
BACHELOR OF COMPUTER APPLICATIONS
CORE AND GENERIC ELECTIVE COURSES***

**CHOICE BASED CREDIT SEMESTER SYSTEM
(OBE-Outcome Based Education System)**

(2019 ADMISSION ONWARDS)

Generic Elective: Open

KANNUR UNIVERSITY

BCA PROGRAMME

WORK AND CREDIT DISTRIBUTION STATEMENT

Semester	Course Title*	Credits	Hours per week	Total Credits	Total Hours
I	Common Course – English I	4	5	19	25
	Common Course – English II	3	4		
	Common Course – Additional Language I	4	5		
	General Awareness Course I – 1A11BCA Informatics for Computer Applications	2	3		
	Core Course I – 1B01BCA Programming In C	2	2		
	Core Course IV – 2B04BCA Lab I: Programming In C*	0	2		
	Complementary Elective (Mathematics I)	4	4		
II	Common Course – English III	4	5	22	25
	Common Course – English IV	3	4		
	Common Course – Additional Language II	4	5		
	Core Course II – 2B02BCA Digital Systems	3	3		
	Core Course III – 2B03BCA Object Oriented Programming Using C++	2	2		
	Core Course IV – 2B04BCA Lab I: Programming In C*	1	0		
	Core Course V – 2B05BCA Lab II: Programming In C++*	1	2		
	Complementary Elective (Mathematics II)	4	4		
III	General Awareness Course II – 3A12BCA Data Structures	4	4	18	25
	General Awareness Course III – 3A13BCA Database Management System	4	4		
	Core Course VI – 3B06BCA Introduction to Microprocessors	3	4		
	Core Course VII – 3B07BCA Java Programming	3	4		
	General Awareness Course V – 4A15BCA Lab III: Data Structure and DBMS**	0	3		
	Core Course XI – 4B11BCA Lab IV: Java Programming, Shell Programming & Linux Administration**	0	2		
	Complementary Elective (Mathematics III)	4	4		
IV	General Awareness Course IV – 4A14BCA Discrete Mathematical Structures	4	4	21	25
	Core Course VIII – 4B08BCA Software Engineering	3	4		