



# KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamilnadu, India.

Phone : 0422 - 2980011 - 14 | Fax : 0422 - 2980022 | Email : [info@kahedu.edu.in](mailto:info@kahedu.edu.in)

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1.2.2.1 Number of Programmes in which CBCS/ Elective course system implemented in the latest completed year (2019-2020) is provided in page 3 and 4.

*[Handwritten Signature]*

REGISTRAR

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### **Criterion 1.2.2.1 Number of courses in which CBCS/Elective Course system was implemented**

#### **Additional information**

Academic flexibility is the need of the hour and to facilitate student learning based on their choice and interest newer courses have the CBCS and elective options. This enhances student interest in academic and research activities as they have the flexibility to choose course from several courses. This also integrates several disciplines and provides interdisciplinary approach. The choice and elective courses have attracted students. Eventhough there are 88 programmes during the period 2015-2019, in the current year (2019-2020) there are 85 programmes and all the programmes come under CBCS.

#### **Programmes with CBCS/Elective course pattern:**

The education system has to transform and/or redesign to meet the challenges of today's world. This can be possible only by introducing innovations and developing "learner-centric approach" as with the CBCS and elective pattern. This allows flexibility as well as caters to the diverse needs of student population. This pattern is student centric and facilitates interdisciplinary courses in addition to skill development. Our University is always in the forefront to lead the change and hence introduced CBCS and elective pattern in several courses across various disciplines as mentioned below:

#### **Approach**

- The courses in Commerce, Management, basic sciences, computer science & life sciences have CBCS and elective option
- All the Engineering, Architecture and Pharmacy programmes also have CBCS pattern to provide wider option for students to choose their courses based on their interest and relevant areas
- Student centric approach
- Elective options provides opportunity to enrich and enhance knowledge and skill for students by electing for the course

#### **Outcomes**

- Inter professional education enhances student knowledge
- Inter disciplinary approach to academic and research activities
- Students are benefitted by problem based learning by integrating of various disciplines
- Skill development in all areas

**List of Programs (2019-2020)**

<b>S.No.</b>	<b>UG Programme</b>	<b>PG Programme</b>	<b>M.phil Programme</b>	<b>Ph.D Programme</b>
1	B.Sc., Bio-Chemistry	M.Sc Astrology	M.Phil Astrology	Ph.D Civil Engineering
2	B.Sc., Biotechnology	M.Sc., Bio-Chemistry	M.Phil Biochemistry	Ph.D Computer science Engineering
3	B.Sc Chemistry	M.Sc., Biotechnology	M.Phil Biotechnology	Ph.D Electronics and Communication Engineering
4	B.Com	M.Sc Chemistry	M.Phil Chemistry	Ph.D EEE
5	B.Com computer Application	M.Com	M.Phil Commerce	Ph.D Mechanical Engineering
6	B. Com - Business Process Services	M.Com CA	M.Phil Computer Science	Ph.D Pharmacy
7	B. Com - Professtioal Accounting	MCA	M.Phil English	Ph.D Biotechnology Enginnering
8	BCA	M.Sc-Computer Science	M.Phil Management	Ph.D Astrology
9	B.Sc-Computer Science	MBA Management	M.Phil Mathematics	Ph.D Biochemistry
10	B.Sc-Information Technology	M.Sc., MATHEMATICS	M.Phil Microbiology	Ph.D Biotechnology
11	B.Sc-Computer Technology	M.Sc.,Microbiology	M.Phil Physics	Ph.D Chemistry
12	B.Sc., Electronics and Communication Systems	M.Sc Physics	M.Phil Tamil	Ph.D Commerce
13	BBA	M.E.Power System and Engineering	M.Phil Hindi	Ph.D Computer Science
14	B.Sc., MATHEMATICS	M.E. Water Resources and Environmental Engineering		Ph.D English
15	B.Sc., Microbiology	M.ARCH		Ph.D Management
16	B.Sc Physics	M.PLAN		Ph.D Mathematics
17	B.Sc-Computer Science(cognitive svstems)	Pharm D		Ph.D Microbiology
18	B.E Automobile Engineering	M.Pharm		Ph.D Physics
19	B.Tech Biotechnology	M.E.Power System and Engineering(PT)		Ph.D Tamil

20	BE-Biomedical Engineering	M.E. Water Resources and Environmental Engineering(PT)		Ph.DHindi
21	B. Tech-Chemical Engineering			
22	B.E Civil Engineering			
23	B.E-Computer science Engineering			
24	BE- Electronics and Communication Engineering			
25	BE EEE			
26	B.Tech Food Technology			
27	B.E-Mechanical Engineering			
28	B.ARCH			
29	B.Design			
30	B Pharmacy			
31	B.E-Mechanical Engineering(PT)			
32	BE EEE(PT)			
Total	32	20	13	20

**Total Programs: 85**