

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Vels Institute of Science, Technology and Advanced Studies have been implementing a Choice-Based Credit System (CBCS) / Elective Course System for the following Undergraduate and Post Graduate Programmes

S.No.	Names of all programme adopting CBCS course system	Programme code	CBCS /ECS	Year of implementation of CBCS/elective course system
1.	B.Sc. Microbiology	113	CBCS	2018
2.	M.Sc. Immunology and Microbiology	215	CBCS	2018
3.	B.Sc. Biotechnology	107	CBCS	2018
4.	M.Sc. Biotechnology	201	CBCS	2018
5.	M.Sc. Applied Medical Biotechnology and Clinical Research	223	CBCS	2018
6.	B. Sc. Food Technology	161	CBCS	2021
7.	B.P.T	151	CBCS	2019
8.	M.P.T. (Sports, Orthopaedics , Hand Conditions, Paediatric, Neurology, Cardio-Respiratory Diseases and OBG)	501	CBCS	2019
9.	B.Sc. Biochemistry	110	CBCS	2018
10.	M.Sc. Biochemistry	210	CBCS	2018
11.	B. Sc. Nutrition and Dietetics	160	CBCS	2021



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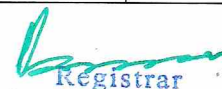
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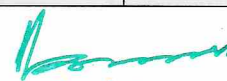
INSTITUTION WITH UGC 12B STATUS

S.No.	Names of all programme adopting CBCS course system	Programme code	CBCS /ECS	Year of implementation of CBCS/elective course system
12.	B.Sc. Bio-computing	114	CBCS	2018
13.	M.Sc. Bioinformatics	209	CBCS	2018
14.	B.Sc. Nursing	168	CBCS	2021
15.	M.B.B.S	2001	ECS	2021
16.	B.Sc. Radiology and Imaging Technology	170	CBCS	2021
17.	B.Sc. Optometry	172	CBCS	2021
18.	B.Sc. Operation Theatre and Anaesthesia Technology	171	CBCS	2021
19.	B.Sc. Yoga	167	CBCS	2021
20.	M.Sc. Yoga	234	CBCS	2021
21.	PG Diploma in Yoga Therapy	752	CBCS	2021
22.	B. Pharmacy	150	CBCS	2018
23.	B. Pharmacy Practice	152	CBCS	2018
24.	M. Pharm Pharmaceutics	401	CBCS	2018
25.	M. Pharm Pharmaceutical Analysis	404	CBCS	2018
26.	M. Pharm Pharmacy Practice	405	CBCS	2018
27.	Pharm. D	408	CBCS	2022
28.	Pharm. D Post Baccalaureate	409	CBCS	2022


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29.	B.Sc. Chemistry	117	CBCS	2018
30.	M.Sc. Chemistry	208	CBCS	2018
31.	M.Sc., Organic Chemistry	203	CBCS	2018
32.	M.Sc. Pharmaceutical Analytical Chemistry	204	CBCS	2018
33.	B.Sc. Physics	128	CBCS	2018
34.	B.Sc. Mathematics	129	CBCS	2018
35.	M.Sc. Mathematics	232	CBCS	2020
36.	B.E. Biomedical Engineering	615	CBCS	2018
37.	B. Tech. Biotechnology	614	CBCS	2018
38.	B.E. Computer Science and Engineering	602	CBCS	2018
39.	B. Tech. IT (Cloud and Mobile Based Application Development)	617	CBCS	2018
40.	B. Tech. CSE Artificial Intelligence and Machine Learning	619	CBCS	2021
41.	B. Tech. CSE Data Science	620	CBCS	2021
42.	M.E. Computer Science and Engineering	801	CBCS	2018
43.	B.E. Electronics and Communication Engineering	603	CBCS	2018



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S.No.	Names of all programme adopting CBCS course system	Programme code	CBCS /ECS	Year of implementation of CBCS/elective course system
44.	B. Tech. Electronics and Computer Engineering	621	CBCS	2022
45.	B. Tech. Automation and Robotics	622	CBCS	2022
46.	B.E. Mechanical Engineering	604	CBCS	2018
47.	B.E. Automobile Engineering	609	CBCS	2018
48.	M.E. Computer Integrated Manufacturing	803	CBCS	2018
49.	M.E. Automobile Engineering	806	CBCS	2018
50.	B.E. Electrical and Electronics Engineering	606	CBCS	2018
51.	B.E. Civil Engineering	605	CBCS	2018
52.	M.E. Construction Engineering and Management	804	CBCS	2018
53.	B.E. Marine Engineering	601	CBCS	2021
54.	B. Tech. Naval Architecture and Off Shore Engineering	613	CBCS	2018
55.	B.Sc. Nautical Science	104	CBCS	2021
56.	B.Sc. Maritime Operations	134	CBCS	2018
57.	B.Sc. Fire Safety and Hazard Management	169	CBCS	2022
58.	B. Tech. Petroleum Engineering	612	CBCS	2018

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59.	B.B.A	101	CBCS	2018
60.	B.B.A. Aviation Management	156	CBCS	2021
61.	B.B.A. Fintech and Digital Banking	157	CBCS	2021
62.	B.B.A. Logistics and Shipping	158	CBCS	2021
63.	BBA Digital Marketing	176	CBCS	2022
64.	BBA Sports Management	177	CBCS	2022
65.	M.B.A.	301	CBCS	2018
66.	M.B.A Shipping and Logistics Management	302	CBCS	2018
67.	M.B.A. Logistics and Supply Chain Management	305	CBCS	2018
68.	M.B.A. Hospital and Healthcare Management	322	CBCS	2021
69.	M.B.A. Sports Management	323	CBCS	2022
70.	M.B.A. Innovation, Entrepreneurship and Venture Development	324	CBCS	2022
71.	M.B.A. Business Analytics	316	CBCS	2018
72.	M.B.A. Integrated	308	CBCS	2018
73.	B.Com. Accounts and Finance	102	CBCS	2018
74.	B.Com. General	130	CBCS	2018


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75.	B.Com. Computer Applications	103	CBCS	2018
76.	B.Com. Corporate Secretaryship	149	CBCS	2020
77.	B.A. Economics	127	CBCS	2019
78.	M.A. Economics	237	CBCS	2022
79.	M.Sc. Health Economics and Technology Assessment	236	CBCS	2022
80.	B.Sc. Computer Science	106	CBCS	2018
81.	B.Sc. Computer Science in Cyber Security	147	CBCS	2020
82.	B.Sc. Computer Science in Artificial Intelligence and Machine Learning	148	CBCS	2020
83.	B.C.A	105	CBCS	2018
84.	B.C.A. Hons	116	CBCS	2018
85.	B.C.A. Cloud Technology and Information Security	139	CBCS	2019
86.	B.C.A. Data Science	140	CBCS	2019
87.	BCA Block Chain Technology	175	CBCS	2022
88.	B.Sc. Information Technology	111	CBCS	2018
89.	M.Sc. Computer Science	207	CBCS	2018
90.	M.Sc. Information Technology	206	CBCS	2019

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91.	M.Sc. Software Technology	222	CBCS	2019
92.	M.Sc. Data Science and Business Analytics	235	CBCS	2022
93.	M.C.A	304	CBCS	2020
94.	BCA Internet of Things	174	CBCS	2021
95.	B. Sc. Information Security and Digital Forensic	173	CBCS	2021
96.	B.Sc. Aviation	126	CBCS	2021
97.	B.Sc., Aeronautical Science	153	CBCS	2020
98.	B.Sc. Aircraft Maintenance	155	CBCS	2021
99.	PG Diploma in Aircraft Maintenance	759	CBCS	2022
100.	B.A. Astrology	132	CBCS	2022
101.	M.A. Astrology	231	CBCS	2021
102.	B.A. Bharatanatyam	141	CBCS	2021
103.	B.A. Western Classical Music	135	CBCS	2021
104.	M.A. Bharatanatyam	217	CBCS	2021
105.	M.A Indian Music	233	CBCS	2021
106.	B.Sc. Visual Communication	108	CBCS	2018
107.	B.A. Journalism and Mass	154	CBCS	2020



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	Communication			
108.	B.Sc. Animation	115	CBCS	2018
109.	M.Sc. Visual Communication	229	CBCS	2018
110.	B.Sc. Game Designing	133	CBCS	2018
111.	B.Sc. Visual Effects	138	CBCS	2018
112.	M.Sc. Animation	219	CBCS	2018
113.	B.A. Film Production	163	CBCS	2021
114.	B.Sc. Multimedia	162	CBCS	2021
115.	B.Sc. Home Science	159	CBCS	2021
116.	B.Sc. Hotel and Catering Management	109	CBCS	2021
117.	M.Sc. Hotel and Catering Management	211	CBCS	2021
118.	M.Sc. Culinary Arts	230	CBCS	2018
119.	B.A. English	118	CBCS	2018
120.	M.A. English	225	CBCS	2018
121.	B.Ed.	511	CBCS	2022
122.	B.Sc., B.Ed.	525	CBCS	2018
123.	B.Sc.(Hons) Agriculture	164	CBCS	2022

S.No.	Names of all programme adopting CBCS course system	Programme code	CBCS /ECS	Year of implementation of CBCS/elective course system
124.	B.Sc. (Hons) Horticulture	165	CBCS	2022
125.	B.A.LL.B.(Hons)	119	CBCS	2018
126.	B.B.A.LL.B.(Hons)	145	CBCS	2019
127.	B.Com. LL.B.(Hons)	142	CBCS	2019
128.	LL.M. Constitutional and Administrative Law	143	CBCS	2019
129.	LL.M. Corporate and Commercial Law	144	CBCS	2019
130.	LL.B	122	CBCS	2018
131.	LLM Criminal Law and Criminal Justice Administration	411	CBCS	2022
132.	LLM Law relating to Intellectual Property rights	412	CBCS	2022
133.	LLM Labour and Administration Law	410	CBCS	2022



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Extracts of the Minutes of the meeting of the Academic Council meeting held on 30-01-2015

ITEM NO.: XXVII

The UG and PG Boards of Studies of different departments of various Schools of Vels University have met on different dates to **implement the Choice Based Credit System (CBCS)** as per the guidelines of the UGC in their respective departments and they are applicable to the students who would be admitted to the various courses from the **academic year 2015-2016** as directed by the authorities.

I, Dr.R.Dinakaran Michael, Dean, School of Life Sciences, moved before the Academic Council to approve the recommendations of the **UG and PG Boards of Studies of different departments of various Schools of Vels University for adoption of Choice Based Credit System [CBCS]** for the students who would be admitted to various courses of study from the academic year 2015-2016 as directed by the UGC in its letter D.O.No.F1-1/2014/(Secy) dated 12th November 2014 for implementation in the University.

In view of the above, the university authorities convened the meetings of the Deans/Directors/HODs to explain and **discuss the methodology to be adopted in implementing the Choice Based Credit System [CBCS] from the academic year 2015-2016.**

In accordance with the guidelines of the UGC and University authorities, the UG and PG Boards of Studies of different departments of various Schools of Vels University have met on different dates **to recommend and implement the Choice Based Credit System (CBCS)** in their respective departments for the students who would be admitted to different courses of study from the **academic year 2015-2016.**

The respective Boards of Studies have designed the curriculum of the UG courses as follows:

1. Core Courses

2. Elective Courses:-

i) **Discipline Specific Electives (DSE) course**

ii) **Generic Electives (GE) course**

3. Ability Enhancement Courses (ACE) (AECC)

i) **Ability Enhancement Compulsory Courses**

ii) **Skill Enhancement Courses [SEC]**

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Under the Discipline Specific Electives (DSE), the electives have been prescribed and to be chosen by the students of the particular degree course in which they have been admitted.

Similarly, under Generic Electives (GE), the electives have been prescribed and offered to the students of the other departments to choose the subjects.

The Ability Enhancement Courses (ACE) has been sub-divided into Ability Enhancement Compulsory Courses (AECC)-consisting of Environmental Science and Language courses and Skill Enhancement Courses [SEC]- consisting of Personality Development, NSS etc.,

For PG Courses, the respective Boards of Studies have designed the curriculum as follows:

1. Core Courses

2. Elective Courses –
- i) Discipline Specific Electives (DSE) course
 - ii) Generic Electives (GE) course

3. Dissertation / Project

The Discipline Specific Electives are meant for the particular degree course in which they have been admitted and to be chosen by them.

The Generic Electives (GE) are meant for the students of other departments to choose the subject.

Depending upon the nature of the programs of UG/ PG/ Professional courses, the elective courses are offered in the range of 30 % to 50%.

Similarly, the credits are prescribed for each subject/practical, depending on the hours of teaching and duration of the experiments at Laboratory.

The guidelines provided by the regulating bodies such as UGC, AICTE, PCI, DGS etc., have been followed while implementing the Choice Based Credit System [CBCS].

The percentage of internal and external assessment of 40% and 60% has been maintained for the all the courses. The syllabi for the UG and PG courses have been prepared on the above guidelines after a detailed discussion.

He placed the above item before the Academic Council for its approval to implement the same from the academic year 2015-2016.

Then the Item was seconded by Dr.V.Ravichandiran, Dean, School of Pharmaceutical Sciences.

VC has approved.



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