

## **Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Bachelor of Arts (Basic/ Hons.)/ Bachelor of Science (Basic/ Hons.)/ Bachelor of Commerce (Basic/Hons.)/  
Bachelor of Business Administration (Basic/Hons.)/Bachelor of Social Works (Basic/Hons.)/ Bachelor of Computer Applications (Basic/Hons.) etc.**

The Government of India has notified NEP-2020 on July 29, 2020 based on Dr. Kasturirangan Committee's Report. The objective is to bridge the gap between the current system of education and what is required in the 21<sup>st</sup> century. It is to have Holistic and Multidisciplinary Under-Graduate Education to produce employable graduates with integrated personality.

The Government of Karnataka had constituted a Task to suggest an Implementation Framework for NEP-2020. It had also constituted two sub-committees, one on Curriculum Reforms in Higher Education and the other on Governance and Regulations.

The Task Force has suggested NEP-2020 Implementation Framework for Karnataka. The State Government has accepted the action plan and taken steps to implement NEP-2020, as per the Implementation Roadmap suggested by the Task Force.

The Sub-committee on Curriculum Reforms in Higher Education had suggested a Draft Curriculum Framework for Undergraduate Programs in various disciplines. The State Govt. had also constituted Faculty-wise Committees to consider this draft framework to formulate program structures in their faculties. These Committees have submitted their reports. The latter were considered in the meetings of all the Vice Chancellors. The following Model Program Structures were designed for various Under-Graduate Programs in Arts, Science, Commerce and Management. The Subject Committees constituted to design and draft the curriculum in their subjects have to follow these Model Program Structures. The Terminology used in these Program Structures are.

Discipline Core (DSC) refers to Core Courses/Papers in a Core Discipline/ Subject

Discipline Elective (DSE) refers to Elective Courses/Papers in the Core Subject or Discipline.

Open Elective (OE) refers to Elective Courses/Papers in a non-core Subject across all disciplines.

Program Structures also contain Ability Enhancement Compulsory Courses (AECC), Languages, Skill Enhancement Courses (SEC) (Both skills and value based). Pedagogy involves L+T+P model. Generally subjects with practical involve L+P, while the subjects without practical involve L+T model. The numbers in parentheses indicate credits allotted to various courses/papers as per definitions of Choice Based Credit System (CBCS). Generally 1 hour of Lecture or 2 hours of practical per week in a semester is assigned one credit. Generally core subject theory courses/papers will have 3 or 4 credits, while practical are assigned 2 or 3 credits.

### I-A. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

**Bachelor of Commerce (Basic/Hons.)/Bachelor of Business Administration (Basic/Hons.)/Bachelor of Social Works (Basic/Hons.) etc.**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE)/ Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	DSC-1 (4) DSC-2 (4) DSC-3 (4)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	DSC-4 (4) DSC-5 (4) DSC-6 (4)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate in Commerce/Business Administration/Computer Applications etc. (50 credits)								
III	DSC-7 (4) DSC-8 (4) DSC-9 (4)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Artificial Intelligence (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	DSC-10 (4) DSC-11 (4) DSC-12 (4)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)		Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Commerce/Business Administration/Computer Applications etc. (100 credits)								
V	DSC-13 (4) DSC-14 (4) DSC-15 (4)	DSE-1 (3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	DSC-16 (4) DSC-17 (4) DSC-18 (4)	DSE-2 (3) Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit Option with Bachelor of Commerce/Bachelor of Business Administration/Bachelor of Computer Applications Degree (144 credits)								
VII	DSC-19 (4) DSC-20 (4) DSC-21 (4)	DSE-3 (3) Vocational-3 (3) Res. Methodology(3)						21
VIII	DSC 22 (4) DSC 23 (4)	DSE-4 (3) Vocational-4 (3) Research Project(6)*						20
Award of Bachelor of Commerce/Bachelor of Business Administration/Bachelor of Computer Applications Honours Degree (185 credits),								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## I-B. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

### Bachelor of Commerce (Basic/Hons.) with Commerce as core subject

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Com-C1 (4) Com-C2 (4) Com-C3 (4)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1)(0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Com-C4 (4) Com-C5 (4) Com-C6 (4)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate in Commerce/Business Administration/Computer Applications etc. (50 credits)								
III	Com-C7 (4) Com-C8 (4) Com-C9 (4)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Artificial Intelligence (2)(1+0+2)/ Alternative SEC	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Com-C10 (4) Com-C11 (4) Com-C12 (4)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)		Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Commerce/Business Administration/ Computer Applications etc. (100 credits)								
V	Com-C13 (4) Com-C14 (4) Com-C15 (4)	Com-E1 (3) Vocational-1 (3)			SEC-3: Cyber Security (2) (1+0+2)/ Alternative SEC	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	Com-C16 (4) Com-C17 (4) Com-C18 (4)	Com-E2 (3) Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit Option with Bachelor of Commerce Degree, B. Com. Degree (with a minimum of 144 credits)								
VII	Com-C19 (4) Com-C20 (4) Com-C21 (4)	Com-E3 (3) Vocational-3 (3) Res. Methodology(3)						21
VIII	Com-C22 (4) Com-C23 (4)	Com-E4 (3) Vocational-4 (3) Research Project(6)*						20
Award of Bachelor of Commerce Honours Degree, B.Com.(Hons.) (with a minimum of 185 credits),								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered

### I-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka

#### Bachelor of Computer Applications (Basic/Hons.) with Computer Applications as core subject

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	CAC-1 (3+2) CAC-2 (3+2) CAC-3 (3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Alternative SEC in place of digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	26
II	CAC-4 (3+2) CAC-5 (3+2) CAC-6 (3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education – Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	26
Exit option with Certificate in Computer Applications (with a minimum of 52 credits)								
III	CAC-7 (3+2) CAC-8 (3+2) CAC-9 (3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Alternative SEC in place of AI (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
IV	CAC-10 (3+2) CAC-11 (3+2) CAC-12 (3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
Exit option with Diploma in Computer Applications (with a minimum of 100 credits)								
V	CAC-13 (3+2) CAC-14 (3+2) CAC-15 (3)	CA E-1 (3) Vocational-1 (3)			SEC-3: Alternative SEC in place of Cyber Security (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	CAC-16 (3+2) CAC-17 (3+2) CAC-18 (3)	CA E-2 (3) Vocational-2 (3)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
Exit Option with Bachelor of Computer Applications Degree, BCA Degree (with a minimum of 144 credits)								
VII	CAC-19(3+2) CAC-20(3+2) Internship (2)	CA E-3 (3) Vocational-3 (3) Res. methodology(3)						21
VIII	CAC-21 (3+2) CAC-22 (3)	CA E-4 (3) Vocational-4 (3) Research Project(6)*						20
Award of Bachelor of Computer Applications Honours Degree, BCA (Hons.) Degree (185 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## **IIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Bachelor of Arts (Basic/ Hons.)/ Bachelor of Science (Basic/ Hons.) in subjects with practical, with one major and one minor**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(4+2) Discipline B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A2(4+2) Discipline B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)								
III	Discipline A3(4+2) Discipline B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
IV	Discipline A4(4+2) Discipline B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose any one of the core subjects as Major and the other as Minor								
V	Discipline A5(3+2) Discipline A6(3+2) Discipline B5(3+2)	Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	22
VI	Discipline A7(3+2) Discipline A8(3+2) Discipline B6(3+2)	Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A./ Bachelor of Science, B.Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major								
VII	Discipline A9(3+2) Discipline A10(3+2) Discipline A11(3)	Discipline A, E-1 (3) Discipline A, E-2 (3) Res.Methodology(3)						22
VIII	Discipline A12(3+2) Discipline A13(3) Discipline A14(3)	Discipline A, E-3(3) Research Project (6)*						20
Award of Bachelor of Arts Honours, B.A. (Hons.)/ Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 186 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## **IIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Example: Bachelor of Science (Basic/ Hons.) etc. (with Botany & Zoology as subjects with practicals) with one major and one minor**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Botany A1(4+2) Zoology B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education for fitness(1)(0+0+2)	Health &Wellness (1) (0+0+2)	25
II	Botany A2(4+2) Zoology B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education - Yoga(1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1)(0+0+2)	25
Exit option with Certificate (50 credits)								
III	Botany A3(4+2) Zoology B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Intelligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	25
IV	Botany A4(4+2) Zoology B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Science (100 credits) OR Choose any one of the core subjects as Major and the other as Minor								
V	Botany A5(3+2) Botany A6(3+2) Zoology B5(3+2)	Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	Botany A7(3+2) Botany A8(3+2) Zoology B6(3+2)	Vocational-2 (3) Internship(2)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Science Degree, B. Sc. Degree in Science (with a minimum of 144 credits) or continue studies with the Major in the 4 <sup>th</sup> year								
VII	Botany e A9(3+2) Botany A10(3+2) Botany e A11(3)	Botany E-1 (3) Botany E-2 (3) Res. Methodology (3)						22
VIII	Botany e A12(3+2) Botany A13(3) Botany A14(3)	Botany E-3 (3) Research Project (6)*						20
Award of Bachelor of Science Honours Degree, B.Sc. (Hons.) Degree in Botany (with a minimum of 186 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## **IIB. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

### **Bachelor of Arts (Basic/ Hons.) in subjects without practical with one major and one minor**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(3), A2(3) Discipline B1(3), B2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1)(0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A3(3), A4(3) Discipline B3(3), B4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)								
III	Discipline A5(3), A6(3) Discipline B5(3), B6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Discipline A7(3), A8(3) Discipline B7(3), B8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose any one of the core subjects as Major and the other as Minor								
V	Discipline A 9(4) Discipline A10(4) Discipline B 9(4)	Discipline A, E-1(3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	Discipline A11(4) Discipline A12(4) Discipline B10(4)	Discipline A, E-2(3) Vocational-2 (3) Internship (2)			SEC-4: Societal Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A. Basic Degree (with a minimum of 144 credits)								
VII	Discipline A-13(4) Discipline A-14(4) Discipline A-15(4)	Discipline A, E-3 (3) Vocational-3 (3) Res. Methodology (3)						21
VIII	Discipline A-16(3) Discipline A-17(3) Discipline A-18(3)	Discipline A, E-4 (3) Vocational-4 (3) Research Project (6)*						21
Award of Bachelor of Arts Honours, B.A. (Hons.) degree in a discipline etc. (with a minimum of 186 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## **IIB. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Example: Bachelor of Arts (Basic/ Hons.) in subjects without practical with Economics as major and History as minor**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	HistoryC1(3), C2(3) Economics C1(3), C2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	HistoryC3(3), C4(3) Economics C3(3), C4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (48 credits)								
III	HistoryC5(3), C6(3) Economics C5(3) C6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	HistoryC7(3), C8(3) Economics C7(3), C8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Arts (100 credits) OR Choose any one of the core subjects as Major and the other as Minor								
V	HistoryC 9(4) Economics C 9(4) Economics C10(4)	Economics E-1 (3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
VI	HistoryC10(4) Economics C11(4) Economics C12(4)	Economics E-2 (3) Vocational-2 (3) Internship (2)			SEC-4: Societal Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A. Degree in History and Economics (with a minimum of 144 credits) or continue studies with the Major								
VII	Economics C13(4) Economics C14(4) Economics C15(4)	Economics E-3 (3) Vocational-3 (3) Res. Methodology (3)						21
VIII	Economics C16(3) Economics C17(3) Economics C18(3)	Economics E-4 (3) Vocational-4 (3) Research Project (6)*						21
Award of Bachelor of Arts Honours Degree, B.A. (Hons.) Degree in Economics (with a minimum of 186 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.



## **II-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Bachelor of Arts (Basic/Hons.)/ Bachelor of Science (Basic/Hons.) with one core subject with practical and the other without practical**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(4+2) Discipline B1(3), B2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A2(4+2) Discipline B3(3), B4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (48 credits)								
III	Discipline A3(4+2) Discipline B5(3), B6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Discipline A4(4+2) Discipline B7(3), B8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (96 credits)/ Choose any one Discipline as Major, the other as the Minor								
V	Discipline A5(3+2), Discipline A6(3+2) Discipline B9(3)	Discipline A, E-1 (3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	Discipline A7(3+2), Discipline A8(3+2) Discipline B10(3)	Discipline A, E-2 (3) Vocational-2 (3)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
Exit option with Bachelor of Arts, B.A. /Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with the Major								
VII	Discipline A9(3+2), Discipline A10(3+2) Discipline A11(3)	Discipline A, E-3 (3) Internship (2) Res. Methodology (3)						21
VIII	Discipline A12(3+2), Discipline A13(3), Discipline A14(3)	Discipline A, E-4 (3) Research Project (6)*						20
Award of Bachelor of Arts Honours, B.A. (Hons) /Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline (with a minimum of 185 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.

## **II-C. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Example: Bachelor of Science (Basic/ Hons.) with Physics as major subject with practical and Mathematics as minor without practical**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Physics C1(4+2) Maths C1(3), C2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Physics C2(4+2) Maths C3(3), C4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Physical Education – Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)								
III	Physics C3(4+2) Maths C5(3), C6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Physics C4(4+2) Maths C7(3), C8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits) OR Choose one of the Disciplines as Major and the other as Minor, if Physics is major and Maths is minor then								
V	Physics C5(3+2), Physics C6(3+2) Maths C9(3)	Physics E-1 (3) Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	Physics C7(3+2), Physics C8 (3+2) Maths C10 (3)	Physics E-2 (3) Vocational-2 (3)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
Exit option with Bachelor of Science Degree, B. Sc. Basic Degree (with a minimum of 144 credits) or continue studies with Physics as Major in the fourth year								
VII	Physics C9(3+2), Physics C10(3+2), Physics C11(3)	Physics E-3 (3) Internship (2) Res. Methodology (3)						21
VIII	Physics C12(3+2), Physics C13(3) Physics C14(3)	Physics E-4 (3) Research Project (6)*						20
Award of Bachelor of Science Honours Degree, B.Sc. (Hons.) degree in Physics (with a minimum of 185 credits)								

\*In lieu of the research Project, two additional elective papers/Internship may be offered.

### **IIIA. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Bachelor of Science (Basic/Hons.) in subjects with practical with both subjects as majors in the 3<sup>rd</sup> year**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages(Credits (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(4+2) Discipline B1(4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A2(4+2) Discipline B2(4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1)(0+0+2)	25
Exit option with Certificate (50 credits)								
III	Discipline A3(4+2) Discipline B3(4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) /Cultural (1)(0+0+2)	25
IV	Discipline A4(4+2) Discipline B4(4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Games (1) (0+0+2)	NCC/NSS/R&R(S&G) /Cultural (1)(0+0+2)	25
Exit option with Diploma (100 credits) or continue the third year with both the subjects as majors								
V	Discipline A5(3+2), Discipline A6(3+2) Discipline B5(3+2), Discipline B6(3+2)				SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
VI	Discipline A7(3+2), Discipline A8(3+2) Discipline B7(3+2) Discipline B8(3+2)				SEC-4: Professional Communication (2)	Physical Education -Sports (1) (0+0+2)	NCC/NSS/R&R(S&G), Cultural (1) (0+0+2)	24
Exit option with Bachelor of Arts, B.A./ Bachelor of Science, B. Sc. Basic Degree (with a minimum of 144 credits) or Choose one of the Disciplines as Major								
VII	Discipline A/B-9(3+2) Discipline A/B-10(3+2) Discipline A/B-11(3)	DS-A/B Elective-1(3) DS-A/B Elective-2(3) Res.Methodology(3)						22
VIII	Discipline A/B-12(3+2) Discipline A/B-13(3) Discipline A/B-14(3)	DS-A/B Elective 3(3) Research Project (6)*						20
Award of Bachelor of Arts Honours, B.A. (Hons.)/ Bachelor of Science Honours, B.Sc. (Hons) degree in a discipline etc. (with a minimum of 186 credits)								

\*In lieu of the research project, two additional elective papers/ Internship may be offered.

### **IIIB. Model Program Structures for the Under-Graduate Programs in Universities and Colleges in Karnataka**

**Bachelor of Arts (Basic/Hons.) in subjects without practical with both subjects as majors in the 3<sup>rd</sup> year**

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective (DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	Discipline A1(3), A2(3) Discipline B1(3), B2(3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency(2)(1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	Discipline A3(3), A4(3) Discipline B3(3), B4(3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (50 credits)								
III	Discipline A5(3), A6(3) Discipline B5(3), B6(3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: Artificial Inte- lligence (2)(1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	Discipline A7(3), A8(3) Discipline B7(3), B8(3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma (100 credits)								
V	Discipline A9(4), A10(4) Discipline B9(4), B10(4)	Vocational-1 (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	Discipline A11(4), A12(4) Discipline B11(4), B12(4)	Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Physical Education - Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
Exit option with Bachelor of Arts, B.A. Degree (with a minimum of 144 credits) OR Choose one of the core Disciplines/subjects as Major in the fourth year								
VII	Discipline A/B-13(4) Discipline A/B-14(4) Discipline A/B-15(4)	DS-A/B Elective 1(3) DS-A/B Elective 2(3) Res. Methodology(3)						21
VIII	Discipline A/B-16(3) Discipline A/B-17(3) Discipline A/B-18(3)	DS-A/B Elective 3(3) DS-A/B Elective 4(3) Research Project (6)*						21
Award of Bachelor of Arts Honours, B.A. (Hons.) Degree in a discipline/subject (with a minimum of 186 credits)								

\*In lieu of the research Project, two additional elective papers/ Internship may be offered.