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 21st 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	Discipline Elective(DSE)/	Ability Enhancer	ment	Sk	ill Enhancement Course	es (SEC)	Total
	(DSC) (Credits) (L+T+P)	Open Elective (OE) (Credits) (L+T+P)	Compulsory Cou Languages (Cred	• • • • • • • • • • • • • • • • • • • •	Skill based (Credits) (L+T+P)	Value based	(Credits) (L+T+P)	Credits
1	DSC-1 (4)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	DSC-2 (4) DSC-3 (4)		(4 hrs. each)		Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	(1) (0+0+2)	
II	DSC-4 (4)	OE-2 (3)	L1-2(3), L2-2(3)			Physical Education-	NCC/NSS/R&R(S&G)/	25
	DSC-5 (4) DSC-6 (4)		(4 hrs. each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
		Exit option with Ce	rtificate in Comn	nerce/Business	Administration/Comp	uter Applications etc. ((50 credits)	•
≡	DSC-7 (4) DSC-8 (4) DSC-9 (4)	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	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 Dip	oloma in Comme	rce/Business Ac	lministration/Comput	er Applications etc. (1	00 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 C	Option with Bac	helor of Commerce/Ba	chelor of Busines	s Administratio	n/Bachelor of Compute	er Applications Degre	e (144 credits)	•
VII	DSC-19 (4)	DSE-3 (3)						21
	DSC-20 (4) DSC-21 (4)	Vocational-3 (3) Res. Methodology(3)						
VIII	DSC 22 (4)	DSE-4 (3)						20
	DSC 23 (4)	Vocational-4 (3) Research Project(6)*						
	Award of B	achelor of Commerce/E	Bachelor of Busin	ess Administrat	ion/Bachelor of Compu	iter Applications Hono	ours Degree (185 credits)	<u>, </u>

 $[\]hbox{*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	Discipline Elective (DSE)	Ability Enhancem	ent Compulsory	Skil	l Enhancement Courses	(SEC)	Total
	(L+T+P)	/ Open Elective (OE) (Credits) (L+T+P)	Courses (AECC), L (Credits) (L+T+P)		Skill based (Credits) (L+T+P)	Value based (6	Credits) (L+T+P)	Credits
-	Com-C1 (4)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Com-C2 (4) Com-C3 (4)		(4 hrs. each)		Fluency (2) (1+0+2)	Yoga (1)(0+0+2)	(1) (0+0+2)	
П	Com-C4 (4)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education-	NCC/NSS/R&R(S&G)/	25
	Com-C5 (4) Com-C6 (4)		(4 hrs. each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
		Exit option with Ce	rtificate in Comme	erce/Business A	dministration/Comput	er Applications etc. (50	credits)	
Ш	Com-C7 (4)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education-	NCC/NSS/R&R(S&G)/	25
	Com-C8 (4)		(4 hrs each)		lligence (2)(1+0+2)/	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Com-C9 (4)				Alternative SEC			
IV	Com-C10 (4)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education	NCC/NSS/R&R(S&G)/	25
	Com-C11 (4) Com-C12 (4)		(4 hrs each)	of India (2)		-Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
		Exit option with Dip	oloma in Commer	ce/Business Adr	ninistration/Computer	Applications etc. (100	credits)	
٧	Com-C13 (4)	Com-E1 (3)			SEC-3: Cyber Security	Physical Education-	NCC/NSS/R&R(S&G)/	22
	Com-C14 (4)	Vocational-1 (3)			(2) (1+0+2)/	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Com-C15 (4)				Alternative SEC			
VI	Com-C16 (4)	Com-E2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	24
	Com-C17 (4)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Com-C18 (4)	Internship (2)						
		Exit Option wi	th Bachelor of Cor	nmerce Degree	, B. Com. Degree (with	a minimum of 144 cred	dits)	
VII	Com-C19 (4)	Com-E3 (3)						21
	Com-C20 (4)	Vocational-3 (3)						
	Com-C21 (4)	Res. Methodology(3)						
VIII	Com-C22 (4)	Com-E4 (3)						20
	Com-C23 (4)	Vocational-4 (3)						
		Research Project(6)*						
		Award of Bache	lor of Commerce	Honours Degree	e, B. Com.(Hons.) (with	a minimum of 185 cred	dits),	

^{*}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	Discipline Elective	Ability Enhancer	nent	Ski	II Enhancement Courses	(SEC)	Total
	(DSC) (Credits) (L+T+P)	(DSE) / Open Elective (OE) (Credits) (L+T+P)	Compulsory Cou Languages (Cred		Skill based (Credits) (L+T+P)	Value based (C	redits) (L+T+P)	Credits
1	CA C-1 (3+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Alternative	Physical Education -	Health & Wellness	26
	CA C-2 (3+2)		(4 hrs. each)		SEC in place of digital	Yoga (1) (0+0+2)	(1) (0+0+2)	
	CA C-3 (3)				Fluency (2) (1+0+2)			
II	CA C-4 (3+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education –	NCC/NSS/R&R(S&G)	26
	CA C-5 (3+2) CA C-6 (3)		(4 hrs. each)	Studies (2)		Sports (1) (0+0+2)	/ Cultural (1) (0+0+2)	
	0.100	Exit opti	on with Certifica	te in Computer /	Applications (with a mi	nimum of 52 credits)	l .	
Ш	CA C-7 (3+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Alternative	Physical Education-	NCC/NSS/R&R(S&G)/	26
	CA C-8 (3+2)		(4 hrs each)		SEC in place of AI (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	CA C-9 (3)		,		(1+0+2)			
IV	CA C-10 (3+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	26
	CA C-11 (3+2)		(4 hrs each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	CA C-12 (3)		,	` ,			, , ,	
			ion with Diploma	in Computer Ap	oplications (with a min	imum of 100 credits)		
V	CA C-13 (3+2)	CA E-1 (3)			SEC-3: Alternative	Physical Education-	NCC/NSS/R&R(S&G)/	23
	CA C-14 (3+2)	Vocational-1 (3)			SEC in place of Cyber	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	CA C-15 (3)				Security (2) (1+0+2)			
VI	CA C-16 (3+2)	CA E-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	23
	CA C-17 (3+2)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	CA C-18 (3)							
1			achelor of Compi	uter Application:	s Degree, BCA Degree	(with a minimum of 144	credits)	T
VII	CA C-19(3+2)	CA E-3 (3)						21
	CA C-20(3+2)	Vocational-3 (3)						
\ // II	Internship (2)	Res. methodology (3)						20
VIII	CA C-21 (3+2) CA C-22 (3)	CA E-4 (3) Vocational-4 (3)						20
	CA C-22 (3)	Research Project(6)*						
			nelor of Compute	L r Δnnlications Η	Onours Degree RCA/L	l Hons.) Degree (185 cred	l litc)	

^{*}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			SEC)	Total			
		Open Elective (OE) (Credits) (L+T+P)	Compulsory Coul Languages (Credi		Skill based (Credits) (L+T+P)	Value based (Credits) (L	.+T+P)	Credit
-	Discipline A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Discipline B1(4+2)		(4 hrs each)		Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	(1) (0+0+2)	
П	Discipline A2(4+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education -	NCC/NSS/R&R(S&G)	25
	Discipline B2(4+2)		(4 hrs each)	Studies (2)		Sports (1) (0+0+2)	/ Cultural (1) (0+0+2)	
	Ex	it option with Certificat	e (50 credits)					
Ш	Discipline A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B3(4+2)		(4 hrs each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	Discipline A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B4(4+2)		(4 hrs each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Ex	it option with Diploma (100 credits) OR C	hoose any one c	of the core subjects as I	Major and the other as	Minor	
V	Discipline A5(3+2)	Vocational-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	22
	Discipline A6(3+2)				Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B5(3+2)				(1+0+2)			
VI	Discipline A7(3+2)	Vocational-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	24
	Discipline A8(3+2)	Internship (2)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B6(3+2)							
	Exit option with Bac	chelor of Arts, B.A./Bach	nelor of Science, B	S.Sc. Basic Degre	ee (with a minimum of :	144 credits) or continue	studies with the Major	r
VII	Discipline A9(3+2)	Discipline A, E-1 (3)						22
	Discipline A10(3+2) Discipline A, E-2 (3)						
	Discipline A11(3)	Res.Methodology (3)						
VIII	Discipline A12(3+2) Discipline A, E-3(3)						20
	Discipline A13(3)	Research Project (6)*						
	Discipline A14(3)							
	Award of Bachelor of	of Arts Honours, B.A. (Ho	ons.)/ Bachelor of	Science Honour	s, B.Sc. (Hons) degree	in a discipline (with a m	inimum 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	Discipline Elective(DSE) /	Ability Enhancem	nent Compulsory	Skil	l Enhancement Courses (SEC)	Total
	(DSC) (Credits) (L+T+P)	Open Elective (OE) (Credits) (L+T+P)	Courses (AECC), L (Credits) (L+T+P)		Skill based (Credits) (L+T+P)	Value based (Credits) (I	_+T+P)	Credits
I	Botany A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education for	Health & Wellness	25
	Zoology B1(4+2)		(4 hrs. each)		Fluency (2) (1+0+2)	fitness(1)(0+0+2)	(1) (0+0+2)	
II	Botany A2(4+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education -	NCC/NSS/R&R(S&G)	25
	Zoology B2(4+2)		(4 hrs. each)	Studies (2)		Yoga(1)(0+0+2)	/ Cultural (1)(0+0+2)	
			Exit opt	ion with Certific	ate (50 credits)			
Ш	Botany A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)	25
	Zoology B3(4+2)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	/ Cultural (1) (0+0+2)	
IV	Botany A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Zoology B4(4+2)		(4 hrs. each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Exit opt	ion with Diploma in Scie	nce (100 credits)	OR Choose any o	one of the core subject	ts as Major and the othe	er as Minor	
V	Botany A5(3+2)	Vocational-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	22
	Botany A6(3+2)				Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Zoology B5(3+2)				(1+0+2)			
VI	Botany A7(3+2)	Vocational-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	24
	Botany A8(3+2)	Internship (2)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Zoology B6(3+2)							
Exi	t option with Bache	lor of Science Degree, B	. Sc. Degree in Sci	ence (with a mir	nimum of 144 credits)	or continue studies with	n the Major in the 4th ye	ear
VII	Botany e A9(3+2)	Botany E-1 (3)						22
	Botany A10(3+2)	Botany E-2 (3)						
	Botany e A11(3)	Res. Methodology (3)						
VIII	Botany e A12(3+2)	Botany E-3 (3)						20
	Botany A13(3)	Research Project (6)*						
	Botany A14(3)							
	Av	ward of Bachelor of Scier	nce Honours Degi	ree, B.Sc. (Hons.) Degree in Botany (wit	th a minimum of 186 cr	edits)	

^{*}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)	Discipline Elective(DSE)/	Ability Enhanceme	ent Compulsory	Sk	ill Enhancement Courses	(SEC)	Total
	(Credits) (L+T+P)	Open Elective (OE) (Credits) (L+T+P)	Courses (AECC), La (Credits) (L+T+P)	inguages	Skill based (Credits) (L+T+P)	Value based (Credits) (L	.+T+P)	Credits
ı	Discipline A1(3), A2(3)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Discipline B1(3), B2(3)		(4 hrs each)		Fluency (2) (1+0+2)	Yoga (1)(0+0+2)	(1) (0+0+2)	
Ш	Discipline A3(3), A4(3)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B3(3), B4(3)		(4 hrs each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit opti	on with Certifica	te (50 credits)			
III	Discipline A5(3), A6(3)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B5(3), B6(3)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	Discipline A7(3), A8(3)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B7(3), B8(3)		(4 hrs. each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Exi	t option with Diploma (1	00 credits) OR Ch	oose any one of	the core subjects as M	lajor and the other as N	/linor	
V	Discipline A 9(4)	Discipline A, E-1(3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	22
	Discipline A10(4)	Vocational-1 (3)			Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B 9(4)				(1+0+2)			
VI	Discipline A11(4)	Discipline A, E-2(3)			SEC-4: Societal	Physical Education -	NCC/NSS/R&R(S&G)/	24
	Discipline A12(4)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B10(4)	Internship (2)						
		Exit option wi	th Bachelor of Art	ts, B.A. Basic Deg	gree (with a minimum	of 144 credits)		
VII	Discipline A-13(4)	Discipline A, E-3 (3)						21
	Discipline A-14(4)	Vocational-3 (3)						
	Discipline A-15(4)	Res. Methodology (3)						
VIII	Discipline A-16(3)	Discipline A, E-4 (3)						21
	Discipline A-17(3)	Vocational-4 (3)						
	Discipline A-18(3)	Research Project (6)*						
	<u> </u>	Award of Bachelor of Art	s Honours, B.A. (F	lons.) degree in a	a discipline etc. (with a	a minimum of 186 credi	its)	

^{*}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)	Discipline Elective(DSE)/	Ability Enhanceme	ent Compulsory	Ski	ll Enhancement Course	es (SEC)	Total
	(Credits) (L+T+P)		Courses (AECC), La (Credits) (L+T+P)	inguages	Skill based (Credits) (L+T+P)	Value based ((Credits) (L+T+P)	Credits
I	History C1(3), C2(3)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness (1)	25
	Economics C1(3), C2(3)		(4 hrs each)		Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	(0+0+2)	
II	History C3(3), C4(3)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education	NCC/NSS/R&R(S&G)/	25
	Economics C3(3), C4(3)		(4 hrs each)	Studies (2)		- Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit optio	n with Certificat	e (48 credits)			
Ш	History C5(3), C6(3)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education	NCC/NSS/R&R(S&G)/	25
	Economics C5(3 C6(3)		(4 hrs. each)		lligence (2)(1+0+2)	- Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	History C7(3), C8(3)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education	NCC/NSS/R&R(S&G)/	25
	Economics C7(3), C8(3)		(4 hrs. each)	of India (2)		- Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Exit opt	ion with Diploma in Arts	(100 credits) OR	Choose any one	of the core subjects a	s Major and the other	r as Minor	
V	History C 9(4)	Economics E-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	22
	Economics C 9(4)	Vocational-1 (3)			Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Economics C10(4)				(1+0+2)			
VI	History C10(4)	Economics E-2 (3)			SEC-4: Societal	Physical Education -	NCC/NSS/R&R(S&G)/	24
	Economics C11(4)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Economics C12(4)	Internship (2)						
	Exit option with Ba	achelor of Arts, B.A. Deg	gree in History and	l Economics (witl	n a minimum of 144 c	redits) or continue st	udies with the Major	
VII	Economics C13(4)	Economics E-3 (3)						21
	Economics C14(4)	Vocational-3 (3)						
	Economics C15(4)	Res. Methodology (3)						
VIII	Economics C16(3)	Economics E-4 (3)						21
	Economics C17(3)	Vocational-4 (3)						
	Economics C18(3)	Research Project (6)*						
	Awa	ard of Bachelor of Arts H	lonours Degree, E	B.A. (Hons.) Degr	ee in Economics (with	a minimum of 186 cr	edits)	

^{*}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)	Discipline Elective(DSE) /	Ability Enhanceme	ent Compulsory	Ski	ill Enhancement Courses	(SEC)	Total
	(Credits) (L+T+P)	Open Elective (OE)	Courses (AECC), La	inguages	Skill based (Credits)	Value based (0	Credits) (L+T+P)	credits
		(Credits) (L+T+P)	(Credits) (L+T+P)		(L+T+P)			
I	Discipline A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Discipline B1(3), B2(3)		(4 hrs each)		Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	(1) (0+0+2)	
II	Discipline A2(4+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B3(3), B4(3)		(4 hrs each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit option	with Certificate	(48 credits)			
III	Discipline A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B5(3), B6(3)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	Discipline A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B7(3), B8(3)		(4 hrs. each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
		Exit option with Diplor	na (96 credits)/ Cl	hoose any one D	iscipline as Major, the	other as the Minor		
V	Discipline A5(3+2),	Discipline A, E-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Discipline A6(3+2)	Vocational-1 (3)			Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B9(3)				(1+0+2)			
VI	Discipline A7(3+2),	Discipline A, E-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Discipline A8(3+2)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Discipline B10(3)							
	Exit option with Bache	lor of Arts, B.A. /Bachelo	or of Science, B. Sc	. Basic Degree (v	with a minimum of 14	4 credits) or continue s	tudies with the Major	
VII	Discipline A9(3+2),	Discipline A, E-3 (3)						21
	Discipline A10(3+2)	Internship (2)						
	Discipline A11(3)	Res. Methodology (3)						
VIII	Discipline A12(3+2),	Discipline A, E-4 (3)						20
	Discipline A13(3),	Research Project (6)*						
	Discipline A14(3)							
	Award of Bachelor of	Arts Honours, B.A. (Hons	s)/Bachelor of Sci	ence Honours, B	3.Sc. (Hons) degree in	a discipline (with a min	imum 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)	Discipline Elective(DSE) /	Ability Enhanceme	ent Compulsory	Ski	II Enhancement Courses	(SEC)	Total
	(Credits) (L+T+P)	Open Elective (OE) (Credits) (L+T+P)	Courses (AECC), La (Credits) (L+T+P)	anguages	Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	Credits
1	Physics C1(4+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness (1)	25
	Maths C1(3), C2(3)		(4 hrs each)		Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	(0+0+2)	
II	Physics C2(4+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education –	NCC/NSS/R&R(S&G)/	25
	Maths C3(3), C4(3)		(4 hrs each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit option	n with Certificat	e (50 credits)			
Ш	Physics C3(4+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)/	25
	Maths C5(3), C6(3)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	Physics C4(4+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Maths C7(3), C8(3)		(4 hrs. each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Exit option with Diplo	oma (100 credits) OR Choo	se one of the Disc	ciplines as Major	and the other as Min	or, if Physics is major a	nd Maths is minor then	
V	Physics C5(3+2),	Physics E-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Physics C6(3+2)	Vocational-1 (3)			Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Maths C9(3)				(1+0+2)			
VI	Physics C7(3+2),	Physics E-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Physics C8 (3+2)	Vocational-2 (3)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
	Maths C10 (3)							
E	xit option with Bachelor	of Science Degree, B. Sc.	Basic Degree (wit	h a minimum of	144 credits) or continu	ue studies with Physics	as Major in the fourth ye	ear
VII	Physics C9(3+2),	Physics E-3 (3)						21
	Physics C10(3+2),	Internship (2)						
	Physics C11(3)	Res. Methodology (3)						
VIII	Physics C12(3+2),	Physics E-4 (3)						20
	Physics C13(3)	Research Project (6)*						
	Physics C14(3)							
	A۱	vard of Bachelor of Scienc	e Honours Degree	e, B.Sc. (Hons.) c	legree in Physics (with	a minimum of 185 cre	dits)	

^{*}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 3rd year

Sem.	Discipline Core (DSC)	Discipline Elective(DSE) /	Ability Enhanceme	ent Compulsory	Skil	l Enhancement Courses	(SEC)	Total
	(Credits) (L+T+P)	Open Elective (OE) (Credits) (L+T+P)	Courses (AECC), La (L+T+P)	nguages (Credits	Skill based (Credits) (L+T+P)	Value based (0	Credits) (L+T+P)	Credits
_	Discipline A1(4+2)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Discipline B1(4+2)		(4 hrs. each)		Fluency (2)(1+0+2)	Yoga (1) (0+0+2)	(1) (0+0+2)	
П	Discipline A2(4+2)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education-	NCC/NSS/R&R(S&G)/	25
	Discipline B2(4+2)		(4 hrs. each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1)(0+0+2)	
			Exit option	with Certificate	e (50 credits)			
Ш	Discipline A3(4+2)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education-	NCC/NSS/R&R(S&G)	25
	Discipline B3(4+2)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	/Cultural (1)(0+0+2)	
IV	Discipline A4(4+2)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)	25
	Discipline B4(4+2)		(4 hrs. each)	of India (2)		Games (1) (0+0+2)	/Cultural (1)(0+0+2)	
		Exit option with Diplo	ma (100 credits) o	r continue the t	hird year with both tl	he subjects as majors	•	•
٧	Discipline A5(3+2), Dis	scipline A6(3+2)			SEC-3: SEC such as	Physical Education	NCC/NSS/R&R(S&G)/	24
	Discipline B5(3+2), Dis	scipline B6(3+2)			Cyber Security (2)	- Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
					(1+0+2)			
VI	Discipline A7(3+2), Dis	scipline A8(3+2)			SEC-4: Professional	Physical Education	NCC/NSS/R&R(S&G),	24
	Discipline B7(3+2) Dis	cipline B8(3+2)			Communication (2)	-Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
Ex	kit option with Bachelo	r of Arts, B.A./Bachelor	of Science, B. Sc. Ba	sic Degree (wit	ha minimum of 144 c	redits) or Choose one	of the Disciplines as M	lajor
VII		DS-A/B Elective-1(3)					·	22
) DS-A/B Elective-2(3)						
	Discipline A/B-11(3)	Res.Methodology(3)						
VIII	Discipline A/B-12(3+2) DS-A/B Elective 3(3)						20
	Discipline A/B-13(3)	Research Project (6)*						
	Discipline A/B-14(3)							
		arts Honours, B.A. (Hons.)/ Bachelor of Scien	nce Honours. B.	Sc. (Hons) degree in a	discipline etc. (with a	minimum of 186 credi	ts)

^{*}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 3rd year

Sem.	Discipline Core (DSC)	Discipline Elective(DSE)	Ability Enhancem	ent	Skil	l Enhancement Courses	(SEC)	Total
	(Credits) (L+T+P)	/ Open Elective (OE) (Credits) (L+T+P)	Compulsory Coul Languages (Credi		Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	Credits
ı	Discipline A1(3), A2(3)	OE-1 (3)	L1-1(3), L2-1(3)		SEC-1: Digital	Physical Education -	Health & Wellness	25
	Discipline B1(3), B2(3)		(4 hrs. each)		Fluency(2)(1+0+2)	Yoga (1) (0+0+2)	(1) (0+0+2)	
П	Discipline A3(3), A4(3)	OE-2 (3)	L1-2(3), L2-2(3)	Environmental		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B3(3), B4(3)		(4 hrs. each)	Studies (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit optio	n with Certificat	e (50 credits)			
Ш	Discipline A5(3), A6(3)	OE-3 (3)	L1-3(3), L2-3(3)		SEC-2: Artificial Inte-	Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B5(3), B6(3)		(4 hrs. each)		lligence (2)(1+0+2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
IV	Discipline A7(3), A8(3)	OE-4 (3)	L1-4(3), L2-4(3)	Constitution		Physical Education -	NCC/NSS/R&R(S&G)/	25
	Discipline B7(3), B8(3)		(4 hrs. each)	of India (2)		Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
			Exit option	n with Diploma	(100 credits)			
V	Discipline A9(4), A10(4)	Vocational-1 (3)			SEC-3: SEC such as	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Discipline B9(4), B10(4)				Cyber Security (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
					(1+0+2)			
VI	Discipline A11(4), A12(4)	Vocational-2 (3)			SEC-4: Professional	Physical Education -	NCC/NSS/R&R(S&G)/	23
	Discipline B11(4), B12(4)	Internship (2)			Communication (2)	Sports (1) (0+0+2)	Cultural (1) (0+0+2)	
[Exit option with Bachelor o	f Arts, B.A. Degree (wi	th a minimum of 1	44 credits) OR (Choose one of the core	e Disciplines/subjects a	as Major in the fourth ye	ar
VII	Discipline A/B-13(4)	DS-A/B Elective 1(3)						21
	Discipline A/B-14(4)	DS-A/B Elective 2(3)						
	Discipline A/B-15(4)	Res. Methodology(3)						
VIII	Discipline A/B-16(3)	DS-A/B Elective 3(3)						21
	Discipline A/B-17(3)	DS-A/B Elective 4(3)						
	Discipline A/B-18(3)	Research Project (6)*						
	Awar	d of Bachelor of Arts H	onours, B.A. (Hon	s.) Degree in a d	iscipline/subject (with	a minimum of 186 cre	edits)	

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