

NATIONAL EDUCATION POLICY 2020

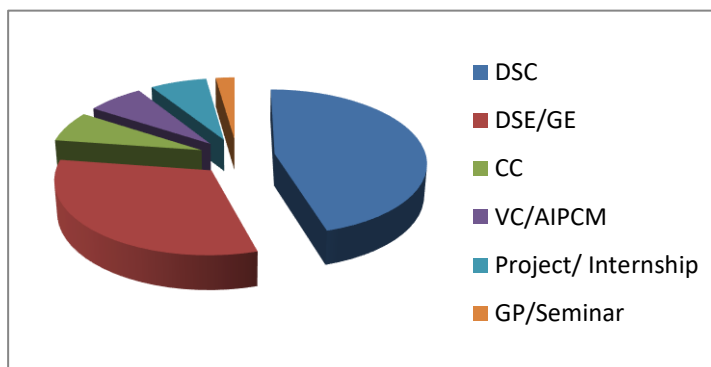
Structure of Programs under NEP 2020



BABU BANARASI DAS UNIVERSITY
LUCKNOW

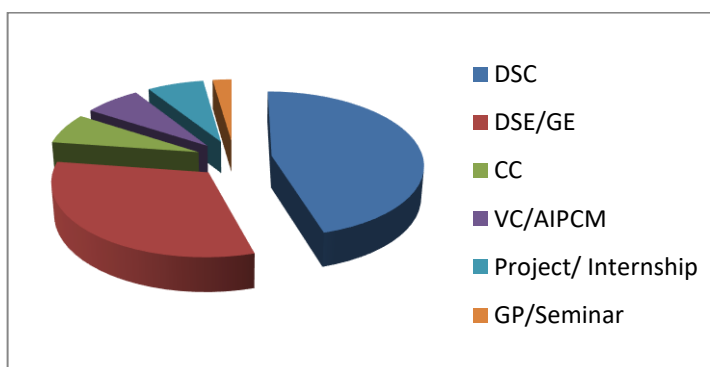
B.Sc. (Hons. / Hons. with Research) Mathematics

Semester	Major Core Course (DSC) 4 Credits	Major Elective Course (DSE) 4 Cr	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Credits	Major Project/ Dissertation/ Academic Project 6 Credits	General Proficiency (GP) / Seminar 1 Credit	Total Credit
I	DSC1 DSC2 DSC3		GE1	CC1	VC1			1	22
II	DSC4 DSC5 DSC6		GE2	CC2	VC2			1	22
III	DSC7 DSC8 DSC9		GE3	CC3	VC3 Or AIPCM			1	22
IV	DSC10 DSC11 DSC12		GE4	CC4	VC4 Or AIPCM			1	22
V	DSC13 DSC14 DSC15	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC16 DSC17 DSC18	DSE2	GE6			Project/ Dissertation 2 Credit			22
VII	DSC19	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22
VIII	DSC20	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22



B.Sc. (Hons. / Hons. with Research) Computer Science

Semester	Major Core Course (DSC) 4 Credits	Major Elective Course (DSE) 4 Cr	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Credits	Major Project/ Dissertation/ Academic Project 6 Credits	General Proficiency (GP) / Seminar 1 Credit	Total Credit
I	DSC1 DSC2 DSC3		GE1	CC1	VC1			1	22
II	DSC4 DSC5 DSC6		GE2	CC2	VC2			1	22
III	DSC7 DSC8 DSC9		GE3	CC3	VC3 Or AIPCM			1	22
IV	DSC10 DSC11 DSC12		GE4	CC4	VC4 Or AIPCM			1	22
V	DSC13 DSC14 DSC15	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC16 DSC17 DSC18	DSE2	GE6			Project/ Dissertation 2 Credit			22
VII	DSC19	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22
VIII	DSC20	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22



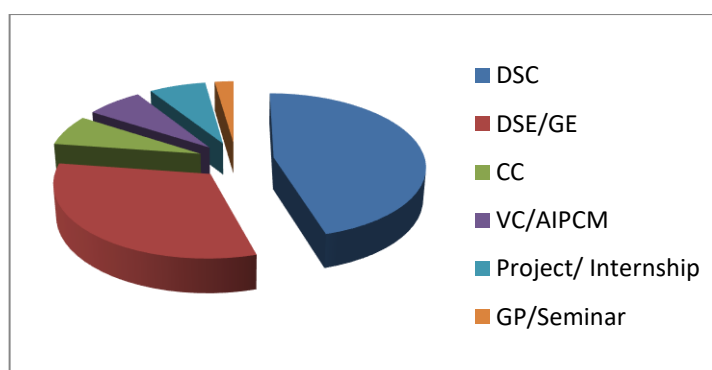
B.A. (Hons. with Research) Journalism & Mass Communication

Semester	Major Core Course (DSC) 3 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Credits	Major Project/ Dissertation/ Academic Project 6 Credits	General Proficiency (GP) / Seminar 1 Credits	Total Credit
I	DSC1 DSC2 DSC3 DSC4		GE1	CC1	VC1			1	22
II	DSC5 DSC6 DSC7 DSC8		GE2	CC2	VC2			1	22
Early Exit Option 1 (UG Certificate in Journalism & Mass Communication)									
III	DSC9 DSC10 DSC11 DSC12		GE3	CC3	VC3 Or AIPCM			1	22
IV	DSC13 DSC14 DSC15 DSC16		GE4	CC4	VC4 Or AIPCM			1	22
Early Exit Option 2 (UG Diploma in Journalism & Mass Communication)									
V	DSC17 DSC18 DSC19 DSC20	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC21 DSC22 DSC23 DSC24	DSE2	GE6		Project/ Dissertation				22
Early Exit Option 3 (B.A (Journalism & Mass Communication (Hons.))									
VII	DSC25	Three DSE or Two DSE and One GE or One DSE and Two GE	GE7				Dissertation/ Academic Project/ Internship		22
VIII	DSC26	Three DSE or Two DSE and One GE or One DSE and Two GE	GE8				Dissertation/ Academic Project/ Internship		22

B.A (Journalism & Mass Communication (Hons. with Research) after completion of Eight Semester

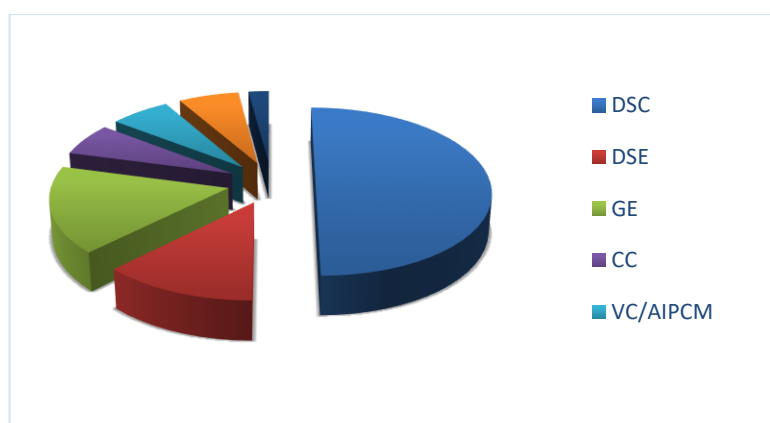
Bachelor of Business Administration

Semester	Major Core Course (DSC) 4 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Credits	Major Dissertation/ Internship 6 Credits	GP/ Seminar 1 Credit	Total Credits
I	DSC1 DSC2 DSC3		GE1	CC1	VC1			1	22
II	DSC4 DSC5 DSC6		GE2	CC2	VC2			1	22
III	DSC7 DSC8 DSC9		GE3	CC3	VC3 Or AIPCM			1	22
IV	DSC10 DSC11 DSC12		GE4	CC4	VC4 Or AIPCM			1	22
V	DSC13 DSC14 DSC15	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC16 DSC17 DSC18	DSE2	GE6			Project/ Dissertation 2 Credit			22
VII	DSC19	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22
VIII	DSC20	Three DSE or Two DSE and One GE or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22



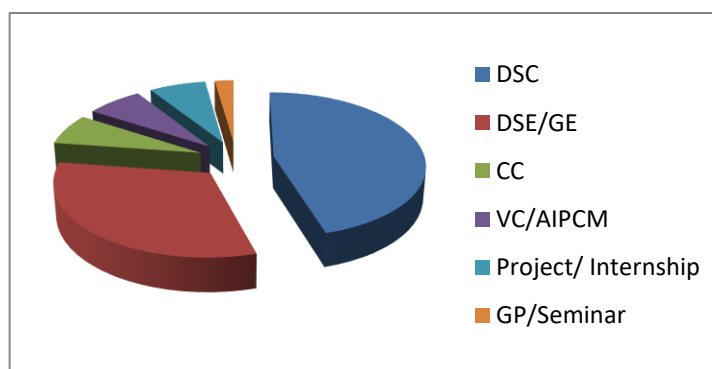
Bachelor of Business Administration (Business Analytics)

Semester	Major Core Course (DSC) 4 Credits	Major Core Course (DSC)- Lab 2 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Credits	Major Dissertation/ Internship 6 Credits	GP/ Seminar 1 Credit	Total Credits
I	DSC1 DSC3 DSC4	DSC2		GE1	CC1	VC1			1	24
II	DSC5 DSC7 DSC8	DSC6		GE2	CC2	VC2			1	24
III	DSC9 DSC11 DSC12	DSC10		GE3	CC3				1	24
IV	DSC13 DSC15 DSC16	DSC14		GE4	CC4				1	24
V	DSC17 DSC19 DSC20	DSC18	DSE1	GE5						24
VI	DSC21 DSC23 DSC24	DSC22	DSE2	GE6			Project/ Dissertation			24
VII	DSC25	DSC26	Two DSE and One GE DSE3 DSE4 GE7					Dissertation/ Internship		24
VIII	DSC27	DSC28	Two DSE and One GE DSE5 DSE6 GE8					Dissertation/ Internship		24



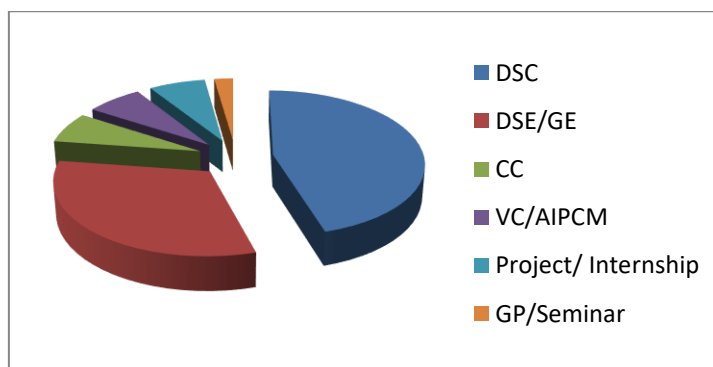
B.B.A. Logistics and Supply Chain Management

Semester	Major Core Course (DSC) 4 Cr	Major Elective Course (DSE) 4 Cr	Minor Course (GE) 4 Cr	Co-Curricular Course (CC) 3 Cr	Vocational Course (VC) 2 Cr	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Cr	Major Dissertation/ Academic Project/ Internship 6 Cr	GP/ Seminar 1 Cr	Total Credit
I	DSC1 DSC2 DSC3		GE1	CC1	VC1			1	22
II	DSC4 DSC5 DSC6		GE2	CC2	VC2			1	22
III	DSC7 DSC8 DSC9		GE3	CC3	VC4 Or AIPCM			1	22
IV	DSC10 DSC11 DSC12		GE4	CC4	VC4 Or AIPCM			1	22
V	DSC13 DSC14 DSC15	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC16 DSC17 DSC18	DSE2	GE6			Project/ Dissertati on 2 Credit			22
VII	DSC19	Three DSE or Two DSE and One GE Or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22
VIII	DSC19	Three DSE or Two DSE and One GE Or One DSE and Two GE					Dissertation/ Academic Project/ Internship		22



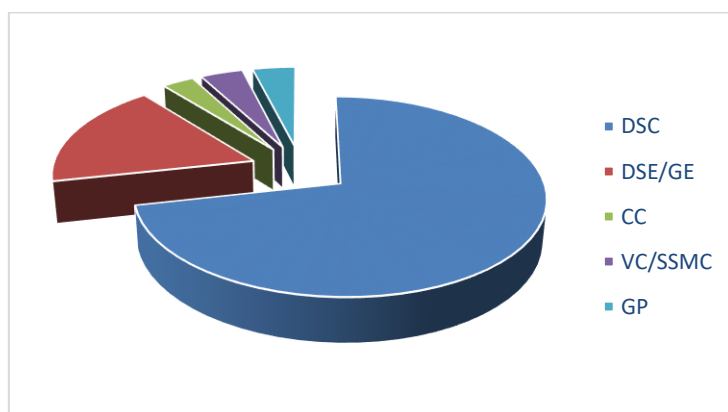
Bachelor of Commerce (Hons.)

Semester	Major Core Course (DSC) 4 Cr	Major Elective Course (DSE) 4 Cr	Minor Course (GE) 4 Cr	Co-Curricular Course (CC) 3 Cr	Vocational Course (VC) 2 Cr	Apprenticeship/ Internship/ Project/ Community Outreach/ MOOC (AIPCM) 2 Cr	Major Dissertation/ Academic Project/ Internship 6 Cr	GP/ Seminar 1 Cr	Total Credit
I	DSC1 DSC2 DSC3		GE1	CC1	VC1			1	22
II	DSC4 DSC5 DSC6		GE2	CC2	VC2			1	22
III	DSC7 DSC8 DSC9		GE3	CC3	VC4 Or AIPCM			1	22
IV	DSC10 DSC11 DSC12		GE4	CC4	VC4 Or AIPCM			1	22
V	DSC13 DSC14 DSC15	DSE1	GE5		VC5 Or AIPCM				22
VI	DSC16 DSC17 DSC18	DSE2	GE6			Project/ Dissertation 2 Credit			22
VII	DSC19	Three DSE or Two DSE and One GE Or One DSE and Two GE					Dissertatio n/ Academic Project/ Internship		22
VIII	DSC20	Three DSE or Two DSE and One GE Or One DSE and Two GE					Dissertatio n/ Academic Project/ Internship		22



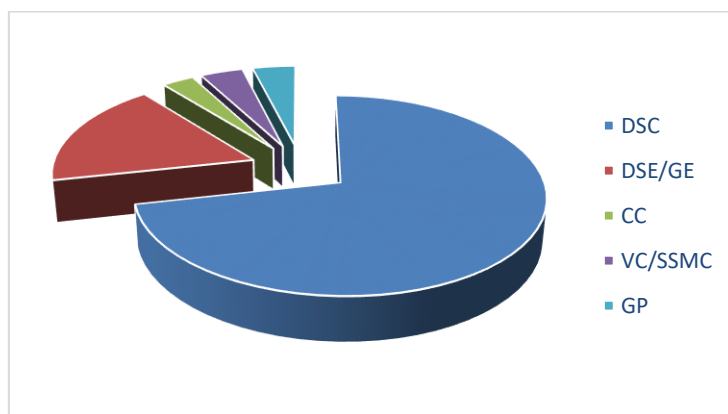
Bachelor of Computer Applications with Research

Semester	Major Core Course (DSC) 4/ 3/6/14/20 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Survey/ Seminar/MOOC/ Community Outreach (SSMC) 2 Credits	General Proficiency (GP) 1 Credit	Total Credit
I	DSC1(6) DSC2(6) DSC3(4)		GE1	CC1	VC1		1	26
II	DSC4(6) DSC5(6) DSC6(4)		GE2	CC2	VC2		1	26
III	DSC7(6) DSC8(6) DSC9(4) DSC10(3)		GE3		VC3 Or SSMC		1	26
IV	DSC11(6) DSC12(6) DSC13(3)	DSE1	GE4		VC4 Or SSMC		1	26
V	DSC14(6) DSC15(6) DSC16(4)	DSE2 DSE3					1	25
VI	DSC17(4) DSC18(20)						1	25
VII	DSC19(6) DSC20(4) DSC21(6)	DSE4 DSE5					1	25
VIII	DSC22(6) DSC23(4) DSC24(14)						1	25



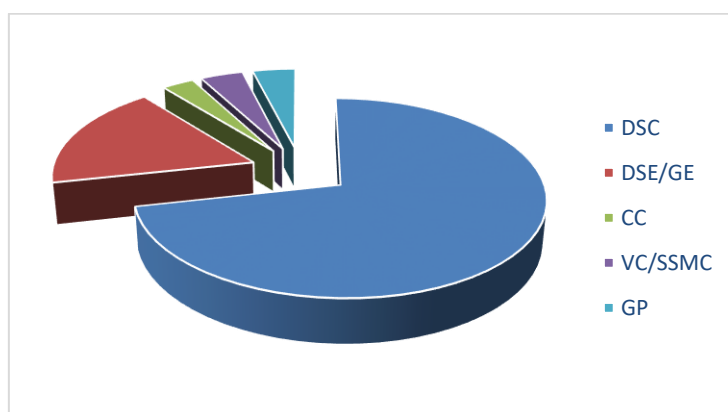
B.C.A. (with Research) Cyber Security & Forensics

Semester	Major Core Course (DSC) 4/ 3/6/14/20 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Survey/ Seminar/MOOC/ Community Outreach (SSMC) 2 Credits	General Proficiency (GP) 1 Credit	Total Credit
I	DSC1(6) DSC2(6) DSC3(4)		GE1	CC1	VC1		1	26
II	DSC4(6) DSC5(6) DSC6(4)		GE2	CC2	VC2		1	26
III	DSC7(6) DSC8(6) DSC9(4) DSC10(3)		GE3		VC3 Or SSMC		1	26
IV	DSC11(6) DSC12(6) DSC13(3)	DSE1	GE4		VC4 Or SSMC		1	26
V	DSC14(6) DSC15(6) DSC16(4)	DSE2 DSE3					1	25
VI	DSC17(4) DSC18(20)						1	25
VII	DSC19(6) DSC20(4) DSC21(6)	DSE4 DSE5					1	25
VIII	DSC22(6) DSC23(4) DSC24(14)						1	25



B.C.A. (with Research) Data Science & Artificial Intelligence

Semester	Major Core Course (DSC) 2/4/ 3/6/14/20 Credits	Major Elective Course (DSE) 4 Credits	Minor Course (GE) 4 Credits	Co-Curricular Course (CC) 3 Credits	Vocational Course (VC) 2 Credits	Survey/ Seminar/MOOC /Community Outreach (SSMC) 2 Credits	General Proficiency (GP) 1 Credit	Total Credit
I	DSC1(6) DSC2(6) DSC3(4) DSC4(2)		GE1	CC1			1	26
II	DSC5(4) DSC6(2) DSC7(4) DSC8(6)		GE2	CC2	VC2		1	26
III	DSC8(4) DSC9(2) DSC10(6) DSC11(4) DSC12(3)		GE3		VC3 Or SSMC		1	26
IV	DSC13(3) DSC14(2) DSC15(6) DSC16(4)	DSE1	GE4		VC4 Or SSMC		1	26
V	DSC17(4) DSC18(6) DSC19(6)	DSE2 DSE3					1	25
VI	DSC20(4) DSC21(20)						1	25
VII	DSC22(6) DSC23(6) DSC24(8)	DSE4					1	25
VIII	DSC25(6) DSC26(4) DSC27(14)						1	25



Bachelor of Technology: Computer Science and Engineering

Semester	Basic Science (BSC) + Co-Curricular Courses (CCC)		Humanities and Social Science + Co-Curricular Courses (CCC)		Engineering Science Courses (ESC)		Professional Core Courses (PCC)		Open Elective (OE)		Professional Elective Courses (PEC)		Compulsory Qualifying Audit Courses (CQAC)		Seminar/ Project/ Internship/ Community Service (SPIC)		General Proficiency GP	Total Credit
	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Total Credits	
I	4	12			6	13											1	26
II	3	9	1	3	6	13											1	26
EARLY EXIT OPTION – 1 (UG Certificate in "Computer Science and Engineering")																		
III	1	4	1	2	2	4	5	12					1	1			1	24
IV	1	3	1	2			6	17					1	1			1	24
EARLY EXIT OPTION – 2 (UG Diploma in "Computer Science and Engineering")																		
V			1	3			6	16					1	1	1	1	1	22
VI			1	3			4	10			2	6			2	2	1	22
EARLY EXIT OPTION – 3 (Advance Diploma in "Computer Science and Engineering")																		
VII							3	8	1	4	1	3			2	3	1	19
VIII							1	3	1	4	1	3			1	8	1	19
B. Tech CSE after successful completion of Eight Semester																		
	9	28	5	13	14	30	25	66	2	8	4	12	3	3	6	14	8	182
%		15.39		7.14		16.48		36.26		4.4		6.59		1.65		7.69	4.4	

Bachelor of Technology: Computer Science and Engineering (Internet of Things and Blockchain)

Semester	Basic Science Courses (BSC) + Co-Curricular Courses (CCC)		Humanities and Social Science Courses (HSC) + Co-Curricular Courses (CCC)		Engineering Science Courses (ESC)		Professional Core Courses (PCC)		Open Elective (OE)		Professional Elective Courses (PEC)		Compulsory Qualifying Audit Courses (CQAC)		Seminar/ Project/ Internship/ Community Service (SPIC)		General Proficiency GP	Total Credit
	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Total Credits	
I	4	12			6	13											1	26
II	3	9	1	3	6	13											1	26
EARLY EXIT OPTION – 1 (UG Certificate in "Computer Science and Engineering-IOTBC")																		
III	1	4	1	2			6	16					1	1			1	24
IV	1	3	1	2			7	17					1	1			1	24
EARLY EXIT OPTION – 2 (UG Diploma in "Computer Science and Engineering--IOTBC")																		
V			1	3			6	16					1	1	1	1	1	22
VI			1	3			5	13			1	3			2	2	1	22
EARLY EXIT OPTION – 3 (Advance Diploma in "Computer Science and Engineering--IOTBC")																		
VII							2	5	1	4	2	6			2	3	1	19
VIII							1	3	1	4	1	3			1	8	1	19
B. Tech CSE-IOTBC after successful completion of Eight Semester																		
	9	28	5	13	12	26	27	70	2	8	4	12	3	3	6	14	8	182
%		15.38		7.14		14.29		38.46		4.4		6.59		1.65		7.69	4.4	

Bachelor of Technology: Computer Science and Engineering (Artificial Intelligence)

Semester	Basic Science (BSC) + Co-Curricular Courses (CCC)		Humanities and Social Science Courses (HSC) + Co-Curricular Courses (CCC)		Engineering Science Courses (ESC)		Professional Core Courses (PCC)		Open Elective (OE)		Professional Elective Courses (PEC)		Compulsory Qualifying Audit Courses (CQAC)		Seminar / Project/ Internship/ Community Service (SPIC)		General Proficiency GP	Total Credit
	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Total Credits	
I	4	12			6	13											1	26
II	3	9	1	3	6	13											1	26
EARLY EXIT OPTION – 1 (UG Certificate in "Computer Science and Engineering-AI")																		
III	1	4	1	2	2	4	4	12					1	1			1	24
IV	1	3	1	2			6	17					1	1			1	24
EARLY EXIT OPTION – 2 (UG Diploma in "Computer Science and Engineering-AI")																		
V			1	3			7	16					1	1	1	1	1	22
VI			1	3			4	10			2	6			2	2	1	22
EARLY EXIT OPTION – 3 (Advance Diploma in "Computer Science and Engineering-AI")																		
VII							3	8	1	4	1	3			2	3	1	19
VIII							1	3	1	4	1	3			1	8	1	19
B. Tech CSE-AI after successful completion of Eight Semester																		
	9	28	5	13	14	30	25	66	2	8	4	12	3	3	6	14	8	182
%		15.39		7.14		16.48		36.26		4.4		6.59		1.65		7.69	4.4	

Bachelor of Technology: Computer Science and Engineering (Cloud Computing and Machine Learning)

Semester	Basic Science Courses (BSC) + Co-Curricular Courses (CCC)		Humanities and Social Science Courses (HSC) + Co-Curricular Courses (CCC)		Engineering Science Courses (ESC)		Professional Core Courses (PCC)		Open Elective (OE)		Professional Elective Courses (PEC)		Compulsory Qualifying Audit Courses (CQAC)		Seminar/ Project/ Internship/ Community Service (SPIC)		General Proficiency GP	Total Credit
	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Number of Courses	Total Credits	Total Credits	
I	4	12			6	13											1	26
II	3	9	1	3	6	13											1	26
EARLY EXIT OPTION – 1 (UG Certificate in "Computer Science and Engineering-CCML")																		
III	1	4	1	2			6	16					1	1			1	24
IV	1	3	1	2			7	17					1	1			1	24
EARLY EXIT OPTION – 2 (UG Diploma in "Computer Science and Engineering-CCML")																		
V			1	3			6	16					1	1	1	1	1	22
VI			1	3			5	13			1	3			2	2	1	22
EARLY EXIT OPTION – 3 (Advance Diploma in "Computer Science and Engineering-CCML")																		
VII							2	5	1	4	2	6			2	3	1	19
VIII							1	3	1	4	1	3			1	8	1	19
B. Tech CSE-CCML after successful completion of Eight Semester																		
	9	28	5	13	12	26	27	70	2	8	4	12	3	3	6	14	8	182
%		15.38		7.14		14.29		38.46		4.4		6.59		1.65		7.69	4.4	