SI No	Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Details of Experimental Learning through projects/Internship
	all the second sec	- Contraction	FINAL YEA	AR	
1	Civil Engineering	CV	Construction Management Entreprenuership	18CV51	Utilisation of black cotton soil in the manufacture of bricks
2	Civil Engineering	CV	Analysis of InDeterminate Structures	18CV52	M sand cement mortar with partial replacement of nano aluminium oxide
3	Civil Engineering	CV	Design of RCC	18CV53	Analysis and design of multistorey buildings using cost effective material
4	Civil Engineering	CV	Basic Geotechnical Engineering	18CV54	Determination of optimum binder content of bituminous concrete
5	Civil Engineering	CV	Muncipal wastewater Engineering	18CV55	Solid waste management
6	Civil Engineering	CV	Highway Engineering	18CV56	Improving compressive strength of the concrete by crushed aggregates
7	Civil Engineering	CV	Surveying Laboratory	18CVL57	Studies on properties of bricks with cyclonic filter resisting polluted air .
8	Civil Engineering	CV	Highway and Concrete Testing Laboratory	18CVL58	Analysis and design of a multilevel residential building using ETabs
9	Civil Engineering	CV	Design of Steel structures	18CV61	Study of Strength Characteristics of Cladding Material using quarry dust and bio medical plastic waste
10	Civil Engineering	CV	Applied Geotechnical Engineering	18CV62	Smart village
11	Civil Engineering	CV	Hydrology and Irrigation Engineering	18CV63	partial replacement of GGBS and FLYASH in cement
12	Civil Engineering	CV	Railway, Harbours, Tunnel	18CV64	Application of solid waste management around Pavagada Taluk
13	Civil Engineering	CV	Conservation of Natural Resources	18CV656	Retrofitting of columns by the method of jacketing
14	Civil Engineering	CV	Software Application Lbaoratory	18CVL66	Translucent concrete
15	Civil Engineering	CV	Environmental Engineering Laboratory	18CVL67	Analysis and design of a warehouse using etabs
16	Civil Engineering	CV	Extensive Survey Project	18CVEP68	Experimental study on dense Bituminous macadam using crumb rubber
17	Civil Engineering	CV	Quantity Estimation and Contract Manageme	18CV71	DUBADILITY OF CONCRETE DY
18	Civil Engineering	CV	Design of RCC and steel structures	18CV72	SELF COMPACTING CONCRETE

# 1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year 2021-22

Principal I College of Engineering pandra, Hessraghatta Main Road Bengaluru - 560 057

## B

19	Civil Engineering CV	Air pollution	18CV732	Banglore Nirmithi kendra
20	Civil Engineering CV	Pavement Materials	18CV733	Execution of receiving sub station (RSS)
21	Civil Engineering CV	Urban Transportation Engineering	18CV745	Public work department road design and traffic census
22	Civil Engineering CV	Environmental Protection management	18CV753	Multi level car storage parking
23	Civil Engineering CV	Computer Aided Detailing of Structures	18CVL76	Residential building
24	Civil Engineering CV	Geotechical Engineering laboratory	18CVL77	Shobha Rajvilas
25	Civil Engineering CV	Project Phase	18CVP78	Construction of residential building
26	Civil Engineering CV	Internship	18CVI85	Study on Residential building
27	Civil Engineering CV	Engineering mathematics	18MAT31	Widening of roads
28	Civil Engineering CV	Strength of materials	18CV32	Railway sleepers production plants
29	Civil Engineering CV	Fluid mechanics	18CV33	Exposure of residential building construction
30	Civil Engineering CV	Building Materials and Construction	18CV34	Site operation at BSN Complex near laggere
31	Civil Engineering CV	Basic surveying	18CV35	Construction of Commercial building
32	Civil Engineering CV	Engineering Geology	18CV36	RMC plant and site visiting
33	Civil Engineering CV	Computer Aided Building drawing	18CVL37	Types of water proofing
34	Civil Engineering CV	Building matetails testing laboratory	18CVL38	Contriever planning and 3D modelling of commercial building
		THIRD YE	EAR	
35	Civil Engineering CV	Complex Analysis probability methods	18MA141	Under water tunnel
36	Civil Engineering CV	Analysis of Dterminate structures	18CV42	Vertical opening bridge
37	Civil Engineering CV	Applied hydraulics	18CV43	Hydraulic Press
38	Civil Engineering CV	Concrete technology	18CV44	Speed breaker power generator
39	Civil Engineering CV	Advanced surveying	18CV45	Sieve Shaker
40	Civil Engineering CV	Water supply treatment engineering	18CV46	Rotating Bridge
41	Civil Engineering CV	Engineering geology laboratory	18CVL47	Base Isolation and Earthquake resistance
42	Civil Engineering CV	Fluid mechanics and hydraulics laboratory	18CVL48	Application of EPS Geofarm

Principal Sapthagirl College of Engineering 14/5, Chikkasandra, Hessraghatta Main Road Bengaluru - 560 057

B DepHODEVCivil Engg. S.C.E, Bangalore-560 057.

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examination 2018 – 19 Outcome Based Education(OBE) and Choice Based Credit System (CBCS) (Effective from the academic year 2018 – 19)

## Programme: CIVIL ENGINEERING

**III SEMESTER** 

	1.1.1.1		05		Teachin	g Hours /	Week		Exami	nation	ACT IN	
Sl. No	Cou Cou	rse and rse Code	Course Title	Teaching Department	Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	OIE Marks	SEE Marks	100 100 100 100 100 100 100 100 100	Credits
	multiple	the state of the			L	Т	Р	-	U			
1	BSC	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Mathematics	2	2		03	40	60	100	3
2	PCC	18CV32	Strength of Materials	Civil Engg.	3	2		03	40	60	100	4
3	PCC	18CV33	Fluid Mechanics	Civil Engg.	3	0		03	40	60	100	3
4	PCC	18CV34	Building Materials and Construction	Civil Engg.	3	0	/	03	40	60	100	3
5	PCC	18CV35	Basic Surveying	Civil Engg.	3	0		03	40	60	100	3
6	PCC	18CV36	Engineering Geology	Geology	3	0		03	40	60	100	3
7	PCC	18CVL37	Computer Aided Building Planning & Drawing	Civil Engg.		2	2	03	40	60	100	2
8	PCC	18CVL38	Building Materials Testing Laboratory	Civil Engg.		2	2	03	40	60	100	2
		18KVK39	Vyavaharika Kannada (Kannada for communication)/	20.152 B.J	1	1	100	-1-1-3			STA	
	Conservation in the	de les fierde	OR			2	2 03 40 60 1					
0	HSMC	18KAK39	Aadalitha Kannada (Kannada for Administration)	USMC	a suite (		11121		AT BUCK	a with	System       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100	1
,	HOWIC	New Parts	OR	nsivic	0.0	1000	100	1 80 C	a start			1
		1800000	Constitution of India, Professional Ethics and Cyber		1			02	40	60		1994
	100-5	18CPC39	Law	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Exa	mination	is by obj	ective typ	e questi	ons		9.5
Tillese		ALL REPORTED			17	08		24	420	480	1234	1.17
				TOTAL	OR	OR	04	OR	OR	OR	900	24
					18	10		26	360	540	100 100 100 100 100 100 100 100 100 100	1200

		Course prescribed to	lateral entry Diploma holders a	admitted to III	semest	er of Eng	gineerin	ng progr	ams	612.5	No. of Contract	Gast
10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	02	01		03	40	60	100	0
(a)The ma	ndatory no	n - credit courses Additional M	fathematics I and II prescribed for II	I and IV semeste	rs respec	tively, to	the late	ral entry	Diploma	holder:	admitted	to III
semester of	of BE/B. 1	Fech programs, shall attend the	classes during the respective sem	esters to comple	ete all th	e formali	ties of t	he course	e and a	opear f	r the Un	iversity
examinatio	on. In case,	, any student fails to register for	the said course/fails to secure the mi	inimum 40 % of	the press	ribed CIE	E marks,	he/she sh	all be d	eemed to	have see	cured F

Principal Sapthagiri College of Engineering 146, Chikkesentre, Heseraghatte Math Reed Bengaturu - 500 657

2

			VISVESVARAYA TECHNOLO Scheme of Teaching a Outcome Based Education(OBE) and (Effective from the a	GICAL UNIVE nd Examination I Choice Based cademic year 20	RSITY, 1 2018 – Credit 5 18 – 19)	BELAGA 19 System (	AVI CBCS)					
Prog	ramme:	CIVIL ENGI	NEERING				1.50	94340	Service of	a north		1.2
IV S	EMESTI	ER		and the second second	S. YOUN		11 318		7100525		1.633	4
	1-1-2	NC 19 ATT			Teach	ing Hours /	Veek		Exami			
SI. No	C C	ourse and ourse code	Course Title	Teaching Department	Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Fotal Marks	Credits
1.31	P. 1 (1 1	Sec. Profes			L	Т	Р	4 12 56		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		E Stor
1	BSC	18MAT41	Complex Analysis, Probability And Statistical Methods	Mathematics	2	2		03	40	60	100	3
2	PCC	18CV42	Analysis of Determinate Structures	Civil Engg.	3	2		03	40	60	100	4
3	PCC	18CV43	Applied Hydraulics	Civil Engg.	3	0		03	40	60	100	3
4	PCC	18CV44	Concrete Technology	Civil Engg.	3	0		03	40	60	100	3
5	PCC	18CV45	Advanced Surveying	Civil Engg.	3	0		03	40	60	100	3
6	PCC	18CV46	Water Supply & Treatment Engineering	Civil Engg.	3	0		03	40	60	100	3
7	PCC	18CVL47	Engineering Geology Laboratory	Geology		2	2	03	40	60	100	2
8	PCC	18CVL48	Fluid Mechanics and Hydraulic Machines Laboratory	Civil Engg.		2	2	03	40	60	100	2
9		18KVK39/49	Vyavaharika Kannada (Kannada for Communication)/		12352		-	Contraction (Sec.	No. State	- Brath		Suc
		OR				2			100		1 North State	2.
	TICNIC	18KAK39/49	Aadalitha Kannada (Kannada for Administration)	110110								
	HSMC		OR	- HSMC -	14.15	22 2 24	12401	1000			100	1
	a line and				1			02 40		60		0.00
	- 1 A	18CPC39/49	Constitution of India, Professional Ethics and Cyber Law		- 1	Examination	n is by obie	ctive type	questions	00	a la sur	1.4410
		- Particular		TOTAL	17	08		24	420	480	001804	1.4
					OR	OR	04	OR	OR	OR	900	24
		1. 1987 -			18	10		26	360	540		
6.989				Contraction of the second	1912		lan 4			and the	1910-1	
Note:	BSC: Basic	c Science, PCC: Pr	ofessional Core, HSMC: Humanity and Social Science, NCMC	: Non-credit mandat	ory course.	1626	Star 9		TIS ALL	Read and the	9.512	
18KV studer	K39/49Vya its who spea	waharika Kannada ak, read and write	. (Kannada for communication) is for non-Kannada speaking, re Kannada.	ading and writing st	udents and	18KAK39/4	49Aadalith	a Kannada	(Kannada	for Admin	istration) i	s for
11.11		Section States	Course prescribed to lateral entry Diploma holde	rs admitted to III	semester	of Engine	eering pro	ograms	540.005		in the second	1.50
10	NCMC	18MATDIP41	Additional Mathematics - II	Mathematics	02	01		03	40	60	100	0
(a)The progra course semes	e mandatory ms, shall at c/fails to sec ter/s to appo	y non – credit coun ttend the classes du cure the minimum ear for SEE.	rses Additional Mathematics I and II prescribed for III and IV uring the respective semesters to complete all the formalities of 40 % of the prescribed CIE marks, he/she shall be deemed to	semesters respective f the course and appe have secured F grad	ely, to the ear for the U le. In such a	lateral entry iniversity e a case, the	y Diploma xamination students ha	holders ad . In case, a we to fulfi	mitted to my student ll the requi	III semeste fails to reg irements do	er of BE/B gister for th uring mos	. Tech he said equent

Brincipal Sapthagirl College of Engineering 14/5, Chikkasendra, Heseraghatta Main Road Bengelury - 566 057

			VISVESVARAYA TECH Scheme of Teac	NOLOGICAL UNIVER	2018 – 1	SELA( 19	JAVI					
			Outcome Based Education(O)	BE) and Choice Based (	Credit S	vstem	(CBCS)	1				
			(Effective fro	m the academic year 201	8 - 19	J	(0200)					
Prog	ramme: (	CIVIL ENG	INEERING		83 B.	E Car		- J 1			2.10.2	
V SE	MESTE	R			1.25.5	1.16	State of	S. 1994	167.74	Sector 1994	- 1 S	1.5
			the second of the second second second		Teachin	g Hours	/Week	S. M. G	Exam	ination	22-0.91-2	
SI. No	Co Co	urse and urse code	Course Title	Teaching Department	Theory Lecture	Tutorial	Practical/ Drawing	Juration in hours	CIE Marks	sEE Marks	otal Marks	Credits
					L	Т	Р	-	0		F	diase n
1	HSMC	18CV51	Construction Management & Entrepreneurship	Civil Engg.	2	2		03	40	60	100	3
2	PCC	18CV52	Analysis of Indeterminate Structures	Civil Engg.	3	2		03	40	60	100	4
3	PCC	18CV53	Design of RC Structural Elements	Civil Engg.	3	2		03	40	60	100	4
4	PCC	18CV54	Basic Geotechnical Engineering	Civil Engg.	3		100 III	03	40	60	100	3
5	PCC	18CV55	Municipal Wastewater Engineering	Civil Engg.	3			03	40	60	100	3
6	PCC	18CV56	Highway Engineering	Civil Engg.	3			03	40	60	100	3
7	PCC	18CVL57	Surveying Practice	Civil Engg.		2	2	03	40	60	100	2
8	PCC	18CVL58	Concrete and Highway Materials Laboratory	Civil Engg.		2	2	03	40	60	100	2
				Civil/Environmental		0.275		General I	11-07-11	Contraction of		6.00
9	HSMC	18CIV59	Environmental Studies	[Paper setting Board: Civil Engineering]	1		-	02	40	60	100	1
		1 (1 m R. 1 m 1 m 1 m 1		TOTAL	18	10	04	26	360	540	900	25
-	1.084			A State of the sta	Star R					T-ANS	4-15-1	6.231

-----

Note: PCC: Professional Core, HSMC: Humanity and Social Science.

AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.

Principal Sapthagirl College of Engineering 14/5, Chikkesendra, Heseraghatte Main Read Bengeluru - 560 657

6

18CV744	Design of Hydraulic Structures
18CV745	Urban Transport Planning
	Open Elective -B       Open Elective -B       Transport Planning       Open Elective -B       Open Elective -B       Transport Planning       Open Elective -B       Open
Course code under 18CV75X	Course Title
18CV751	Finite Element Method
18CV752	Numerical Methods and Applications
18CV753	Environmental Protection and Management

Students can select any one of the open electives offered by other Departments expect those that are offered by the parent Department (Please refer to the list of open electives under 18XX75X).

Selection of an open elective shall not be allowed if,

- The candidate has studied the same course during the previous semesters of the programme.
- The syllabus content of open elective is similar to that of the Departmental core courses or professional electives.
- A similar course, under any category, is prescribed in the higher semesters of the programme.

Registration to electives shall be documented under the guidance of Programme Coordinator/ Advisor/Mentor.

#### **Project work:**

Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary project can be assigned to an individual student or to a group having not more than 4 students. In extraordinary cases, like the funded projects requiring students from different disciplines, the project student strength can be 5 or 6.

#### CIE procedure for Project Work Phase - 1:

(i) Single discipline: The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom shall be the Guide.

The CIE marks awarded for the project work phase -1, shall be based on the evaluation of the project work phase -1 Report (covering Literature Survey, Problem identification, Objectives and Methodology), project presentation skill and question and answer session in the ratio 50:25:25. The marks awarded for the Project report shall be the same for all the batch mates.

(ii) Interdisciplinary: Continuous Internal Evaluation shall be group wise at the college level with the participation of all guides of the college. Participation of external guide/s, if any, is desirable.

The CIE marks awarded for the project work phase -1, shall be based on the evaluation of project work phase -1 Report (covering Literature Survey, Problem identification, Objectives and Methodology), project presentation skill and question and answer session in the ratio 50:25:25. The marks awarded for the project report shall be the same for all the batch mates.

Internship: All the students admitted to III year of BE/B. Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and /or VII and VIII semesters. A University examination shall be conducted during VIII semester and the prescribed credit shall be included in VIII semester. Internship shall be considered as a head of passing and shall be considered for the award of degree. Those, who do not take-up/complete the internship shall be declared fail and shall have to complete during subsequent University examination after satisfying the internship requirements.

AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.

Principal Sapthagin College of Engineering 14/5, Chikkesendra, Hesarashatta Main Reed Bengalury - 540 M

(i) Single discipline: Contribution to the project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted at the department.
(ii) Interdisciplinary: Contribution to the project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted separately at the departments to which the student/s belongs to.

Internship: Those, who have not pursued /completed the internship, shall be declared as fail and have to complete during subsequent University examination after satisfying the internship requirements.

AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.

Activity points of the students who have earned the prescribed AICTE activity Points shall be sent the University along with the CIE marks of 8th semester. In case of students who have not satisfied the AICTE activity Points at the end of eighth semester, the column under activity Points shall be marked NSAP (Not Satisfied Activity Points).

Principal Sapthagiri College of Engineering 14/5, Chikkesendre, Heseraghette Meth Road

			VISVESVARAYA TECHN Scheme of Teachi Outcome Based Education(OBE (Effective from	OLOGICAL ing and Exan E) and Choice the academic	UNIVEF nination Based ( year 201	RSITY, 1 2018 – Credit 8 8 – 19)	BELAG 19 System (	AVI (CBCS)				
Progra	amme: CIV	IL ENGI	NEERING				ALL STOR			-2-1-1		
VII SI	EMESTER				1.20		C Mile S		5 11 15	1	1.50	Kanala -
		A LOUIS OF			Teachi	ng Hours /	Week	172.70	Exa	nination	1014 S. 1. 4.	Sec. 1
Sl. No	Cou Cour	rse and rse code	Course Title	Teaching Department	Theory Lecture	Tutorial	Practical/ Drawing	Juration in hours	CIE Marks	SEE Marks	otal Marks	Credits
					L	Т	P				F	
1	PCC	18CV71	Quality Surveying and Contract Management	Civil Engg.	3			03	40	60	100	3
2	PCC	18CV72	Design of RCC and Steel Structures	Civil Engg.	3		( )	03	40	60	100	3
3	PEC	18CV732	V Professional Elective - 2	Civil Engg.	3			03	40	60	100	3
4	PEC	18CV742	Y Professional Elective - 3	Civil Engg.	3			03	40	60	100	3
5	OEC	18CV752	C Open Elective -B	Civil Engg.	3		- 1 ( <del></del> 1 (- 1))	03	40	60	100	3
6	PCC	18CVL76	Computer Aided Detailing of Structures	Civil Engg.		2	2	03	40	60	100	2
7	PCC	18CVL77	Geotechnical Engineering Laboratory	Civil Engg.		2	2	03	40	60	100	2
8	Project	18CVP78	Project Work Phase - 1	F. S. A.		577.	2		100		100	1
9	Internship		Internship	(If not complete vacation of VII	ed during t and VIII se	he vacation (mesters)	on of VI a	and VII ser	mesters, it	shall be c	arried out d	uring the
	自动导致人			TOTAL	15	04	06	21	380	420	00	20
Note: PC	CC: Professiona	al core, PEC	: Professional Elective.			1		5.534.5	1000			
		621.015	Pro	fessional Elective	e - 2			36.75	1.28.00	181	STATE IN	
Course	code under 18	CV73X	Course Title	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O	1		1.020-03					B ad all
18CV73	1		Theory of Elasticity			THE P	1. 194		VE THE T	AT 7. 14	AT MARKEN	
18CV73	2		Air Pollution and Control									21.11
18CV73	3		Pavement Materials & Construction	19. A.	1.1				1.1.4	1	1.10 1	
18CV73	4	Prast 10	Ground Water Hydraulics	C.S. Scale M	and the	1914-1	1.22		and the	and the	and the second	11-1-1-11
18CV73	5		Masonry Structures	MALL & PLANAUS		1000		1.122.0	1000	and the stand		1 Mer
			Prof	fessional Elective	s - 3	Shitesau	1000000		a katok	S. S. S. S.	N. Full	
Course	code under 18	CV74X	Course Title			Lauth					1.16	
18CV74	1	12501	Earthquake Engineering	Pro Carlo Tran	12 The	A ale	1.20			Contract of the		
18CV74	2		Design Concepts of Building Services	TO AND THE		a second	All and the second second	and the second second	-18 Y = 1	The second		6
18CV74	3		Reinforced Earth Structures		and the second		Sale	21.15	the state	A d L -	1	7

Principal Sapthagirl College of Engineering 14/5, Chikkesendre, Heserashatta Main Roac Bengeluru - 560 857

Prograi	nme: CIVII	ENGINEER	RING	om the academic y	2010	17)	2000			Para la			
VIII SEN	MESTER	LITORICE			1 21-	-	1-108-14		The second				
	in standing the				Teaching Hours /Week			Examination					
Sl. No	Course and Course code		Course Title	Teaching Department	, Theory Lecture	I Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits	
1	PCC	18CV81	Design of Pre-stressed Concrete	Civil Enga	L 3	T	P	03	10	60	100	3	
2	PEC	18CV82X	Professional Elective - 4	Civil Engg	3			03	40	60	100	3	
3	Project	18CV02A	Project Work Phase - 2	Civil Engg	5		16	03	40	60	100	9	
4	Seminar	18CVS84	Technical Seminar	Civil Engg			2	03	100	00	100	0	
5	Internship	18CVI85	Internship	Completed during semesters and /or V	the vacatio	on/s of V	and VII ers.)	03	40	60	100	3	
				TOTAL	06		18	15	260	240	500	18	
Commo	da 1907	7028	Course Title	Professional Electives -	4			16.0	a sold	1.3.2	S M Dec		
Course code under 18CV82X		02A	Bridge Engineering										
18CV821			Drafabricated Structures										
18CV821			Advanced Foundation Engineering	and the second second	100	0.00		112.1					
18CV821 18CV822 18CV823		18CV823 Advanced Foundation Engineering						-	-	-		-	
18CV821 18CV822 18CV823		the state of the state	Pahabilitation & Patrofitting	18CV824 Rehabilitation & Retrofitting									
18CV821 18CV822 18CV823 18CV823 18CV824	A		Rehabilitation & Retrofitting				No.		State of the second second	THE REAL			
18CV821 18CV822 18CV823 18CV824 18CV824	A		Rehabilitation & Retrofitting     Pavement Design							and the second			

Sapthagin College of Engineering 14/6, Chikkasendra, Hessaraghatta Main Rose Bengeluru - 560 057 (b)These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.

### Courses prescribed to lateral entry B. Sc degree holders admitted to III semester of Engineering programs

Lateral entrant students from B.Sc. Stream, shall clear the non-credit courses Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering Programme. These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.

AICTE activity Points: In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Nesaraghatta Meln Read Bengaturu - 560 057

grade. In such a case, the students have to fulfill the requirements during subsequent semester/s to appear for SEE. (b)These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.

#### Courses prescribed to lateral entry B. Sc degree holders admitted to III semester of Engineering programs

Lateral entrant students from B.Sc. Stream, shall clear the non-credit courses Engineering Graphics and Elements of Civil Engineering and Mechanics of the First Year Engineering Programme. These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.

AICTE Activity Points to be earned by students admitted to BE/B. Tech/B. Plan day college programme (For more details refer to Chapter 6, AICTE Activity Point Programme, Model Internship Guidelines):

Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other Universities to fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's eighth semester Grade Card.

The activities can be can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, minimum hours' requirement should be fulfilled. Activity Points (non-credit) have no effect on SGPA/CGPA and shall not be considered for vertical progression.

In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of degree only after the release of the Eighth semester Grade Card.

Sapthagiri College of Engineering 14/5. Chikkesendre, Heseraghatta Mah Row Bengeluru - 560 057