

**First Semester Physics Cycle CSE Stream
2022**

Sl.No	Course & Course code		Course Title	TD /PSB	Teaching Hours/week				Examination				Credits
					Theory Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	*ASC(IC)	22MATS11	Calculus & Linear Algebra for CSE	Mathematics	2	2	2	0	03	50	50	100	04
2	#ASC(IC)	22PHYS12	Applied Physics for CSE	Physics	2	2	2	0	03	50	50	100	04
3	ESC	22POP13	Principles of Programming using C	CSE	2	0	2	0	03	50	50	100	03
4	ESC-1	22ESC141	Introduction to Civil Engineering	CV	3	0	0	0	03	50	50	100	03
	OR												
	ESC-1	22ESC144	Introduction to Mechanical Engineering	ME	3	0	0	0	03				
5	ETC-1	22ETC151	Introduction to Cyber Security	CSE	3	0	0	0	03	50	50	100	03
6	AEC	22ENG16	Communicative English	Humanities	1	0	0	0	01	50	50	100	01
7	HSMC	22KSK17	Samskrutika Kannada	Humanities	1	0	0	0	01	50	50	100	01
		22KKBK17	Balake Kannada										
8	AEC	22IDT18	Innovation and Design Thinking	Any Dept.	1	0	0	0	01	50	50	100	01
				TOTAL						400	400	800	20

SDA-Skill development Activities, **TD/PSB** – Teaching Department / Paper setting board, **ASC**-Applied Science course, **ESC**-Engineering Science Course, **ETC**-Emerging Technology Course, **AEC**-Ability Enhancement Course, **HSMC** – Humanity and Social Science and management Course, **SDC**-Skill development Course, **CIE**-Continous Internal Evaluation, **SEE**-Semester and Examination, **IC**-Integrated Course (Theory Course Integrated with Practical Course)

Second Semester Physics Cycle CSE Stream

Sl.No	Course & Course code		Course Title	TD /PSB	Teaching Hours/week				Examination				Credits
					Theory Lecture	Tutorial	Practical/Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	*ASC(IC)	22MATS21	Advanced Calculus and Numerical methods for CSE	Mathematics	2	2	2	0	03	50	50	100	04
2	#ASC(IC)	22PHYS22	Applied Physics for CSE	Physics	2	2	2	0	03	50	50	100	04
3	ESC	22POP23	Principles of Programming using C	CSE	2	0	2	0	03	50	50	100	03
4	ESC-1	22ESC241	Introduction to Civil Engineering	CV	3	0	0	0	03	50	50	100	03
	OR												
	ESC-1	22ESC244	Introduction to Mechanical Engineering	ME	3	0	0	0	03				
5	ETC-1	22ETC251	Introduction to Cyber Security	CSE	3	0	0	0	03	50	50	100	03
6	AEC	22ENG26	Professional Writing Skills in English	Humanities	1	0	0	0	01	50	50	100	01
7	HSMC	22KSK27	Samskrutika Kannada	Humanities	1	0	0	0	01	50	50	100	01
		22KBK27	Balake Kannada										
8	AEC	22IDT28	Innovation and Design Thinking	Any Dept.	1	0	0	0	01	50	50	100	01
				TOTAL						400	400	800	20

III SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting (PSB)	Teaching Hours /Week				Examination				Credits
					Theory	Tutorial	Practical	SDA	Duration in Exams	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	PCC/BSC	22MAT31	Mathematics for Information Technology	Maths Dept.	3	0	0		03	50	50	100	3
2	IPCC	22CSI32	Data Structures and Applications	CSE	3	0	2		03	50	50	100	4
3	IPCC	22CSI33	Object Oriented Programming using Java	CSE	3	0	2		03	50	50	100	4
4	PCC	22CST34	Logic Design and Computer Organization	CSE	3	0	0		03	50	50	100	3
5	PCCL	22CSL35	Python based Mini project	CSE	0	0	2		03	50	50	100	1
6	ESC	22CST36X	ESC/ETC/PLC	CSE	3	0	0		03	50	50	100	3
7	UHV	22UHV37	Social Connect and Responsibility	Any Department	0	0	2		01	100	---	100	1
8	AEC/SEC	22CSL38X	Ability Enhancement Course/Skill Enhancement Course - III	CSE	0	0	2		02	50	50	100	1
9	MC		National Service Scheme (NSS)	NSS coordinator	0	0	2			100	---	100	0
			Physical Education (PE) (Sports and Athletics)	Physical Education Director									
			Yoga	Yoga Teacher									
Total									550	350	900	20	

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **K :** This letter in the course code indicates common to all the stream of engineering. **ESC:** Engineering Science Course, **ETC:** Emerging Technology Course, **PLC:** Programming Language Course

Engineering Science Course (ESC/ETC/PLC)

22CST36A	IT Infrastructure and Management	22CST36C	Supply Chain Management
22CST36B	Business Process Fundamentals	22CST36D	Human Computer Interaction

Ability Enhancement Course – III (All are Laboratory Courses 0-0-2)

22CSL38A	Unified Modelling Language Tools-Star UML	22CSL38C	Introduction to Office Tools
22CSL38B	Advanced Python Programming	22CSL38D	Introduction to Linux/Unix Shell Programming

Professional Core Course (IPCC): Refers to Professional Core Course Theory Integrated with practicals of the same course. Credit for IPCC can be 04 and its Teaching– Learning hours (L : T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPCC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPCC shall be included in the SEE question paper. For more details, the regulation governing the Degree of Bachelor of Engineering /Technology (B.E./B.Tech.) 2022-23 may please be referred.

National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE)(Sports and Athletics), and Yoga(YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.

IV SEMESTER

Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical	SDA	Duration in Exams	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	PCC/BSC	22CST41	Software Engineering-Principles and Practices	CSE	3	0	0		03	50	50	100	3
2	IPCC	22CSI42	Design and Analysis of Algorithm	CSE	3	0	2		03	50	50	100	4
3	IPCC	22CSI43	Database Management Systems	CSE	4	0	0		03	50	50	100	4
4	PCCL	22CSL44	Advanced JAVA Programming Lab	CSE	0	0	2		03	50	50	100	1
5	ESC	22CST45	ESC/ETC/PLC	CSE	3	0	0		03	50	50	100	3
6	AEC/SEC	22CSL46X	Ability Enhancement Course/Skill Enhancement Course- IV	CSE	0	0	2		02	50	50	100	1
7	BSC	22BSC47	Biology For Engineers	TD / PSB: Any Branch/ BT, CHE,	3	0	0		03	50	50	100	3
8	UHV	22UHV48	Universal human values course	Any Department	1	0	0		01	50	50	100	1
9	MC		National Service Scheme (NSS)	NSS coordinator	0	0	2			100	---	100	0
			Physical Education (PE) (Sports and Athletics)	Physical Education Director									
			Yoga	Yoga Teacher									
Total										500	400	900	20

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **K :** This letter in the course code indicates common to all the stream of engineering.

Ability Enhancement Course / Skill Enhancement Course - IV

22CSL46A	Introduction to MATLAB / SCILAB	22CSL46C	Introduction to Android Programming/ Data analytics with Excel
22CSL46B	R Programming	22CSL46D	C# Programming with DOT NET / Technical writing using LATEX (Lab)

Engineering Science Course (ESC/ETC/PLC)

22CST45A	Discrete Mathematics and Graph Theory	22CST45C	Introduction to Computer Graphics and Visualization / Graph Theory
22CST45B	Agile Methodologies	22CST45D	System Programming

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National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE)(Sports and Athletics), and Yoga(YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the courses is mandatory for the award of degree.

V SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical	SDA	Duration in Exams	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	PCC	22CST51	Operating System	CSE	3	0	0		03	50	50	100	3
2	IPCC	22CSI52	Computer Networks(IC)	CSE	3	0	2		03	50	50	100	4
3	PCC	22CST53	Web Technology	CSE	3	0	0		03	50	50	100	3
4	PEC	22CST54X	Professional Elective Course-I	CSE	3	0	0		03	50	50	100	3
5	PCCL	22CSL55	Web Technology Lab	CSE	0	0	2		03	50	50	100	1
6	PCCL	22CSL56	Data Science with Python Lab(PL)	CSE	0	0	2		03	50	50	100	1
7	PROJ	22CSP57	Mini Project	CSE	0	0	4		03	50	50	100	2
8	AEC/ SEC	22CST58	Research Methodology and IPR	Any Department	2	2	0		02/03	50	50	100	3
9	MC	22CST59	Environmental Studies	CSE	2	0	0		02	50	50	100	2
10	MC	22CSX59X	National Service Scheme (NSS)	NSS Coordinator	0	0	2			100	---	100	0

		22CSX59X	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		22CSX59X	Yoga	Yoga Teacher									
Total										550	350	900	22

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Professional Elective Course (PEC) -I

22CST541	Distributed Systems	22CST543	Unix System Programming
22CST542	Artificial Intelligence	22CST544	Computer Graphics

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National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE)(Sports and Athletics), and Yoga(YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.

VI SEMESTER													
Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting (PSB)	Teaching Hours /Week				Duration in Exams	Examination			Credits
					Theory Lecture	Tutorial	Practical	SDA		CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	IPCC	22CSI61	Cloud Computing	CSE	3	0	2		03	50	50	100	4
2	PCC	22CST62	Machine Learning	CSE	4	0	0		03	50	50	100	4
3	PEC	22CST63X	Professional Elective Course-II	CSE	3	0	0		03	50	50	100	3
4	OEC	22CST64	Open Elective Course-I	CSE	3	0	0		03	50	50	100	3
5	PROJ	22CSP65	Project Phase I	CSE	0	0	4		03	100	--	100	2
6	PCCL	22CSL66	Machine Learning Lab	CSE	0	0	2		03	50	50	100	1
7	AEC/SDC	22CS67X/ 22CS67LX	Ability Enhancement Course/Skill Development Course V	Concerned Board	If offered as Theory courses				01	50	50	100	1
					1	0	0						
					If offered as Practical courses								
					0	0	2						
8	MC		National Service Scheme (NSS)	NSS coordinator	0	0	2			100	--	100	0
			Physical Education (PE) (Sports and Athletics)	Physical Education Director									
			Yoga	Yoga									

			Teacher										
									Total	500	300	800	18
<p>PCC: Professional Core Course, PCCL: Professional Core Course laboratory, UHV: Universal Human Value Course, MC: Mandatory Course (Non-credit), AEC: Ability Enhancement Course, SEC: Skill Enhancement Course, L: Lecture, T: Tutorial, P: Practical S= SDA: Skill Development Activity, CIE: Continuous Internal Evaluation, SEE: Semester End Evaluation. K: This letter in the course code indicates that it is common to all engineering streams. ESC: Engineering Science Course, ETC: Emerging Technology Course, PLC: Programming Language Course.</p>													
Professional Elective Course (PEC)													
22CST631	Blockchain Technology			22CST633	TOC								
22CST632	Digital Image Processing(DIP)			22CST634	Soft Computing								
Ability Enhancement Course/ Skill Development Course – V													
22CS671	Progressive App Development			22CS673	DevOps								
22CS672	Tosca- Automated Software Testing			22CS674	Agile								
<p>Professional Core Course (IPCC): Refers to Professional Core Course Theory Integrated with practical of the same course. Credit for IPCC can be 04 and its Teaching– Learning hours (L : T : P) can be considered as (3 : 0 : 2) or (2 : 2 : 2). The theory part of the IPCC shall be evaluated both by CIE and SEE. The practical part shall be evaluated by only CIE (no SEE). However, questions from the practical part of IPCC shall be included in the SEE question paper. For more details, the regulation governing the Degree of Bachelor of Engineering /Technology (B.E./B.Tech.) 2022-23 may please be referred.</p> <p>National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses, namely National Service Scheme (NSS), Physical Education (PE)(Sports and Athletics), and Yoga(YOG), with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III and VI semesters (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The colleges shall appropriately schedule the events, and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of a degree.</p>													

Open Elective Courses

22CST641	Introduction to Data Structures	22CST643	Introduction to AI
22CST642	Fundamentals of Operating Systems	22CST644	Introduction to Web Programming

VII SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting (PSB)	Teaching Hours /Week				Duration in Exams	Examination		Total Marks	Credits
					Theory Lecture	Tutorial	Practical	SDA		CIE Marks	SEE Marks		
					L	T	P	S					
1	IPCC	22CSI71	Internet Things(IC) of	CSE	3	0	2		03	50	50	100	4
2	IPCC	22CSI72	Natural Language Processing (NLP) (IC)	CSE	3	0	2		03	50	50	100	4
3	PCC	22CST73	Cryptography & Network Security	CSE	4	0	0		03	50	50	100	4
4	PEC	22CST74X	Professional Elective Course- III	CSE	3	0	0		03	50	50	100	3
5	OEC	22CST75X	Open Elective Course-II	CSE	3	0	0		03	50	50	100	3
6	PROJ	22CSP76	Major Project Phase-2	CSE	0	0	12		03	100	100	200	6
Total										350	350	700	24
Professional Elective Course (PEC)													

22CST741	Predictive Analytics	22CST743	Big Data Analytics
22CST742	Data Visualization with Tableau	22CST744	Deep Learning(DL)

Open Elective Course (OEC)

22CST751	Introduction to DBMS	22CST753	Software Engineering
22CST752	Computing Paradigms	22CST754	Cloud Computing

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **PEC:** Professional Elective Course, **OEC:** Open Elective Course **PR:** Project Work, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **TD-** Teaching Department, **PSB:** Paper Setting department, **OEC:** Open Elective Course, **PEC:** Professional Elective Course. **PROJ:** Project work

Note: VII and VIII semesters of IV years of the program

(1) Institutions can swap the VII and VIII Semester Schemes of Teaching and Examinations to accommodate research internships/ industry internships after the VI semester.

(2) Credits earned for the courses of VII and VIII Semester Scheme of Teaching and Examinations shall be counted against the corresponding semesters whether the VII or VIII semesters is completed during the beginning of the IV year or the later part of IV years of the program.

Professional Elective Courses (PEC): A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the Engineering and Technology curriculum. Multidisciplinary courses that are added supplement the latest trend and advanced technology in the selected stream of engineering. Each group will provide an option to select one course. The minimum number of students' strengths for offering professional electives is 10. However, this conditional shall not be applicable to cases where the admission to the program is less than 10.

Open Elective Courses:

Students belonging to a particular stream of Engineering and Technology are not entitled to the open electives offered by their parent Department. However, they can opt for an elective offered by other Departments, provided they satisfy the prerequisite condition if any. Registration to open electives shall be documented under the guidance of the Program Coordinator/ Advisor/Mentor. The minimum numbers of students' strength for offering Open Elective Course is 10. However, this condition shall not be applicable to class where the admission to the program is less than 10.

PROJECT WORK (21CSP75): The objective of the Project work is

- (i)** To encourage independent learning and the innovative attitude of the students.
- (ii)** To develop interactive attitude, communication skills, organization, time management, and presentation skills.
- (iii)** To impart flexibility and adaptability.
- (iv)** To inspire team working.
- (v)** To expand intellectual capacity, credibility, judgment and intuition.
- (vi)** To adhere to punctuality, setting and meeting deadlines.
- (vii)** To install responsibilities to oneself and others.
- (viii)** To train students to present the topic of project work in a seminar without any fear, face the audience confidently, enhance communication skills, involve in group discussion to present and exchange ideas.

CIE procedure for Project Work:

(1) 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, shall be based on the evaluation of the project work Report, 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.

(2) 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, shall be based on the evaluation of project work Report, 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.

SEE procedure for Project Work: SEE for project work will be conducted by the two examiners appointed by the University. The SEE marks awarded for the project work shall be based on the evaluation of project work Report, project presentation skill, and question and answer session in the ratio 50:25:25.

VIII SEMESTER (Swappable VII and VIII SEMESTER)

Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical	SDA	Duration in hrs	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	PEC	22CSP81X	Professional Elective (Online course) only through NPTEL	CSE	3	0	0		03	50	50	100	3
2	OEC	22CSP82X	Open Elective (Online course) only through NPTEL	CSE	3	0	0		01	50	50	100	3
3	INT	22CSP83	Internship (Industry/Research) (14 - 20 weeks)		0	0	12		03	100	100	200	10
										200	200	400	16
Professional Elective Course (Online courses)													
Open Elective Courses (Online Courses)													

L: Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **TD-** Teaching Department, **PSB:** Paper Setting department, **OEC:** Open Elective Course, **PEC:** Professional Elective Course. **PROJ:** Project work, **INT:** Industry Internship / Research Internship / Rural Internship

Note: VII and VIII semesters of IV years of the program Swapping Facility

- Institutions can swap VII and VIII Semester Scheme of Teaching and Examinations to accommodate **research internships/ industry internships/Rural Internship** after the VI semester.
- Credits earned for the courses of VII and VIII Semester Scheme of Teaching and Examinations shall be counted against the corresponding semesters whether VII or VIII semester is completed during the beginning of IV year or later part of IV year of the program.
- **Note: For BCS801x and BCS802x courses BOS will announce the list of courses in 6th, 7th & 8th Sem . Students can register in any of the semesters to earn the credits in 8th Sem.**

Elucidation:

At the beginning of IV years of the program i.e., after VI semester, VII semester classwork and VIII semester **Research Internship /Industrial Internship / Rural Internship** shall be permitted to be operated simultaneously by the University so that students have ample opportunity for an internship. In other words, a good percentage of the class shall attend VII semester classwork and a similar percentage of others shall attend to Research Internship or Industrial Internship or Rural Internship.

Research/Industrial /Rural Internship shall be carried out at an Industry, NGO, MSME, Innovation center, Incubation center, Start-up, center of Excellence (CoE), Study Centre established in the parent institute and /or at reputed research organizations/institutes.

The mandatory Research internship /Industry internship / Rural Internship is for 14 to 20 weeks. The internship shall be considered as a head of passing and shall be considered for the award of a degree. Those, who do not take up/complete the internship shall be declared to fail and shall have to complete it during the subsequent University examination after satisfying the internship requirements.

Research internship: A research internship is intended to offer the flavor of current research going on in the research field. It helps students get familiarized with the field and imparts the skill required for carrying out research.

Industry internship: Is an extended period of work experience undertaken by students to supplement their degree for professional development. It also helps them learn to overcome unexpected obstacles and successfully navigate organizations, perspectives, and cultures. Dealing with contingencies helps students recognize, appreciate, and adapt to organizational realities by tempering their knowledge with practical constraints.

Rural Internship: Rural development internship is an initiative of Unnat Bharat Abhiyan Cell, RGIT in association with AICTE to involve students of all departments studying in different academic years for exploring various opportunities in techno-social fields, to connect and work with Rural India for their upliftment.

The faculty coordinator or mentor has to monitor the student's internship progress and interact with them to guide for the successful completion of the internship. The students are permitted to carry out the internship anywhere in India or abroad. University shall not bear any expenses incurred in respect of the internship.

With the consent of the internal guide and Principal of the Institution, students shall be allowed to carry out the internship at their hometown (**within or outside the state or abroad**), provided favorable facilities are available for the internship and the student remains regularly in contact with the internal guide. **University shall not bear any cost involved in carrying out the internship by students.** However, students can receive any financial assistance extended by the organization.

Professional Elective /Open Elective Course: These are ONLINE courses suggested by the respective Board of Studies. Details of these courses shall be made available for students on the VTU web portal.

Please note: If any clarifications / suggestions please email to

sbhvtuso@yahoo.com

